THE FIRST LIGHTING

VOL.09

Product Collection 2021–2022

RAAT

THE FIRST LIGHTING

ARCHITECTURAL LIGHTING

PHOTOMETRIC DATA

LIGHTING GUIDE

COMMERCIAL LIGHT MANUFACTURE

VOL.09

Product Collection 2021-2022

RAAT

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CAMBIO
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58 DDC-65100 Series

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COB
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LED Lamp
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COB
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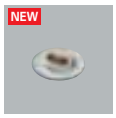
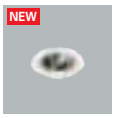
DALI
TRACK SYSTEM
364 DR-401 Series

DC
TRACK SYSTEM
366 DR-501 Series

GENERAL DOWN LIGHT

MINY
POWER LED
120 DD-11000 Series


NEW
MINY
POWER LED
120 DD-11010 Series


NEW
MINY
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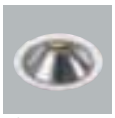
121 DD-11020

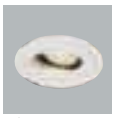
DONUT
LED Lamp
124 DD-10271 Series

DONUT
COB
126 DD-12000 / 12010.02

DONUT
COB
128 DD-12020 Series

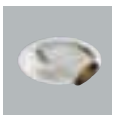
DONUT
COB
130 DD-12030 Series


DONUT
COB
136 DD-12040 Series


DONUT
COB
138 DD-12050 Series

DONUT
COB
140 DD-12060

DONUT
COB
141 DD-12070


BECCO
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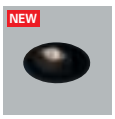
MURLY MINI
COB
148 DD-12090 Series

MURLY MINI
COB
152 DD-12100 Series

MURLY MINI
COB
159 DD-12110


NEW
PALLA
POWER LED
161 DD-12120

NEW
PALLA
LED LAMP
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POWER LED
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DOT
POWER LED
165 DD-12160

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170 DD-12200.01

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171 DD-12200.02 Series

REFLEX
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REFLEX
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REFLEX
COB
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REFLEX
SMD
180 DD-20050 Series

REFLEX
COB
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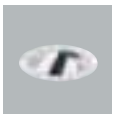
REFLEX
COB
182 DD-20090 Series

NEW
REFLEX
SMD
183 DD-20100 Series

NEW
MURLY
COB
214 DD-26510.02

MURLY
COB
215 DD-26520


MURLY
COB
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MURLY
COB
218 DD-26540 Series

MURLY
COB
220 DD-26550

NEW
MURLY
COB
220 DD-26550.02

MURLY
COB
221 DD-26560

DOWN LIGHT

COMFORT
SMD
186 DD-20520

COMFORT
SMD
187 DD-20540

COMFORT
SMD
188 DD-20600 Series

COMFORT
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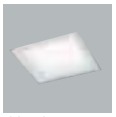
190 DD-20630 Series

ABACO-D ø 120
SMD
195 DD-20660.01 Series

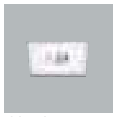
ABACO-D ø 150
SMD
195 DD-20660.07

ABACO-D ø 200
SMD
196 DD-20670 Series

ABACO-D ø 300
SMD
198 DD-20680 Series


COMFORT-Mo
COB
200 DD-20790 Series

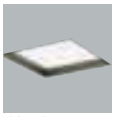
COMFORT-Mo
SMD
203 DD-20831.01 Series

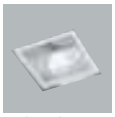

COMFORT-Mo
SMD
203 DD-20831.02 Series

COMFORT-Mo
SMD
205 DD-20831.03 Series

COMFORT-Mo
SMD
205 DD-20831.04 Series

NEW
COMFORT-Mo
SMD
206 DD-20850 Series


COMFORT-Mo
SMD
208 DD-20860 Series


RHOMBUS
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RHOMBUS
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212 DD-20920.02 Series

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COB
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229 DDS-27600 Series

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FLOW ø 35
POWER LED
229 DDS-27600.06 Series

FLOW ø 60
COB
231 DDS-27610.01

FLOW ø 60
LED LAMP
231 DDS-27610.02

FLOW ø 60
COB
231 DDS-27610.06

NEW
FLOW ø 83
COB
232 DDS-27620.01

NEW
FLOW ø 88
COB
237 DDS-27630 Series

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MULTIPLO-M
POWER LED
242 DD-37000.01 Series

MULTIPLO-M
COB
244 DD-37000.02 Series

MULTIPLO-M
POWER LED
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MULTIPLO-M
COB
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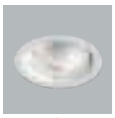
MULTIPLO-M
COB
250 DD-37000.08 Series


MULTIPLO-M
COB
252 DD-37000.09 Series

MULTIPLO-M
COB
254 DD-37000.10 Series

NEW
MULTIPLO-M
COB
256 DD-37010.11 Series

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LED Lamp
262 DD-30013.04 Series

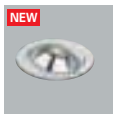
MULTIPLO-S
COB
264 DD-37100.05 Series

MULTIPLO-S
COB
266 DD-37110.06 Series

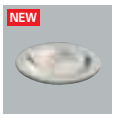
MULTIPLO-S
COB
268 DD-37100.07 Series

MULTIPLO-S
COB
270 DD-37100.08 Series

MULTIPLO-S
COB
272 DD-37100.09 Series


NEW
MULTIPLO-S
COB
274 DD-37100.10 Series

NEW
MULTIPLO-S
COB
276 DD-37110.11 Series


NEW
MULTIPLO-S
COB
278 DD-37100.12 Series

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COB
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SMD
304 DD-38170

ASSE
SMD
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SILO ø 175
SMD
312 DP-51021.03 Series

SILO ø 120
COB & SMD
316 DP-51200.01 Series

SILO ø 120
COB or SMD
318 DP-51200.03 Series

SILO ø 74
COB
320 DP-51400.01 Series

SILO ø 94
COB
321 DP-51410.01 Series

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ABITO
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333 DP-51033.02 Series

ABITO
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335 DP-51280.01

ABITO
COB
335 DP-51280.02

ABITO
SMD
337 DP-51350.01

ABITO
SMD
337 DP-51350.02

ABITO
SMD
337 DP-51360.01

ABITO
SMD
337 DP-51360.02

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338 DP-51100.02 Series

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341 DP-51260

SMOOTH
SMD
341 DP-51270

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343 DP-51160.01 Series

ABACO-P ø 150
SMD
344 DP-51160.06 Series

ABACO-P ø 200
SMD
345 DP-51170 Series

ABACO-P ø 300
SMD
346 DP-51180 Series

ABACO-P ø 500
SMD
347 DP-51190

MOND ø 400
SMD
348 DP-51290.01 Series

MOND ø 500
SMD
349 DP-51300.01 Series

MOND ø 600
SMD
349 DP-51310.01 Series

MOND ø 750
SMD
350 DP-51320.01 Series

MOND ø 850
SMD
351 DP-51330.01 Series

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POWER LED
353 DP-59010 Series

QUATTRO-P
POWER LED
355 DP-59020 Series

QUATTRO-P
POWER LED
355 DP-59030 Series

QUATTRO-P
POWER LED
355 DP-59040 Series

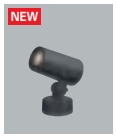
QUATTRO-P
POWER LED
357 DP-59050.01 Series

QUATTRO-P
POWER LED
357 DP-59050.02 Series

QUATTRO-P
SMD
359 DP-59060 Series

FLOOD LIGHT
BOLLARD

SUNDIAL
COB
370 DF-48170



SUNDIAL
COB
373 DF-48190

SUNDIAL
COB
373 DF-48200

SUNDIAL
COB
374 DF-79012

SUNDIAL
COB
376 DF-79202

SUNBOARD
COB
378 DF-79880

SHARE
SMD
382 DBO-75142 Series

SHARE
SMD
383 DBO-75162 Series

LUME
SMD
384 DBO-75230 Series

LUME
SMD
385 DBO-75240 Series

BITTA
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386 DBO-75250

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Multiplo-S
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SHOP DISPLAY

GUCCI FLAGSHIP STORE @ CHUNGDAM SEOUL
SHINSEGAE GANGNAM MEN'S STORE

Photo by **Andrea Buso**
Lighting Design by **NEHTE**

Multiplo-S
DD-37110.10-02 Series p.275

Roll
DDC-65342.06 p.113

ART MUSEUM

Macaron
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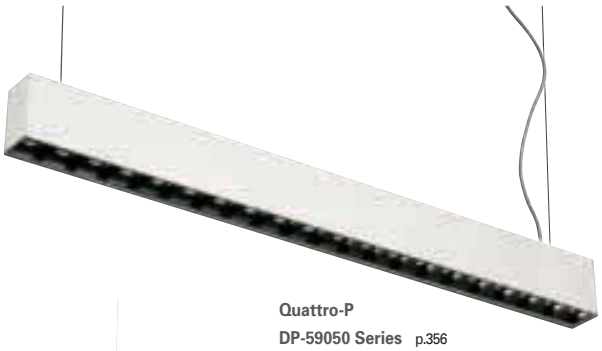
Aurora
DDC-65060.03 p.48

BOLA
DDC-63312.01 p.54

AUTOMOBILE

Multiplo-S
DD-37110.11 Series p.276



Quattro-P
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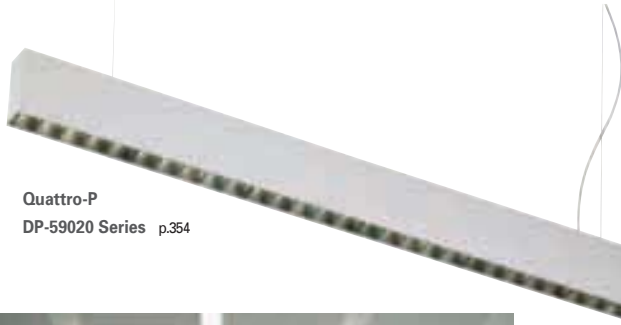


Quattro-P
DP-59020 Series p.354

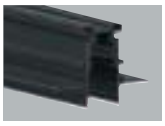
LOW VOLTAGE TRACK

DC Track System

SURFACE MOUNTING
DC TRACK

SURFACE MOUNTING
DC TRACK - LONG

RECESSED TRIMLESS
DC TRACK



NON GLARE REFLECTOR

whisper in eyes NON GLARE REFLECTOR로
눈부심이 없고,고급스러운 분위기를 연출한다.

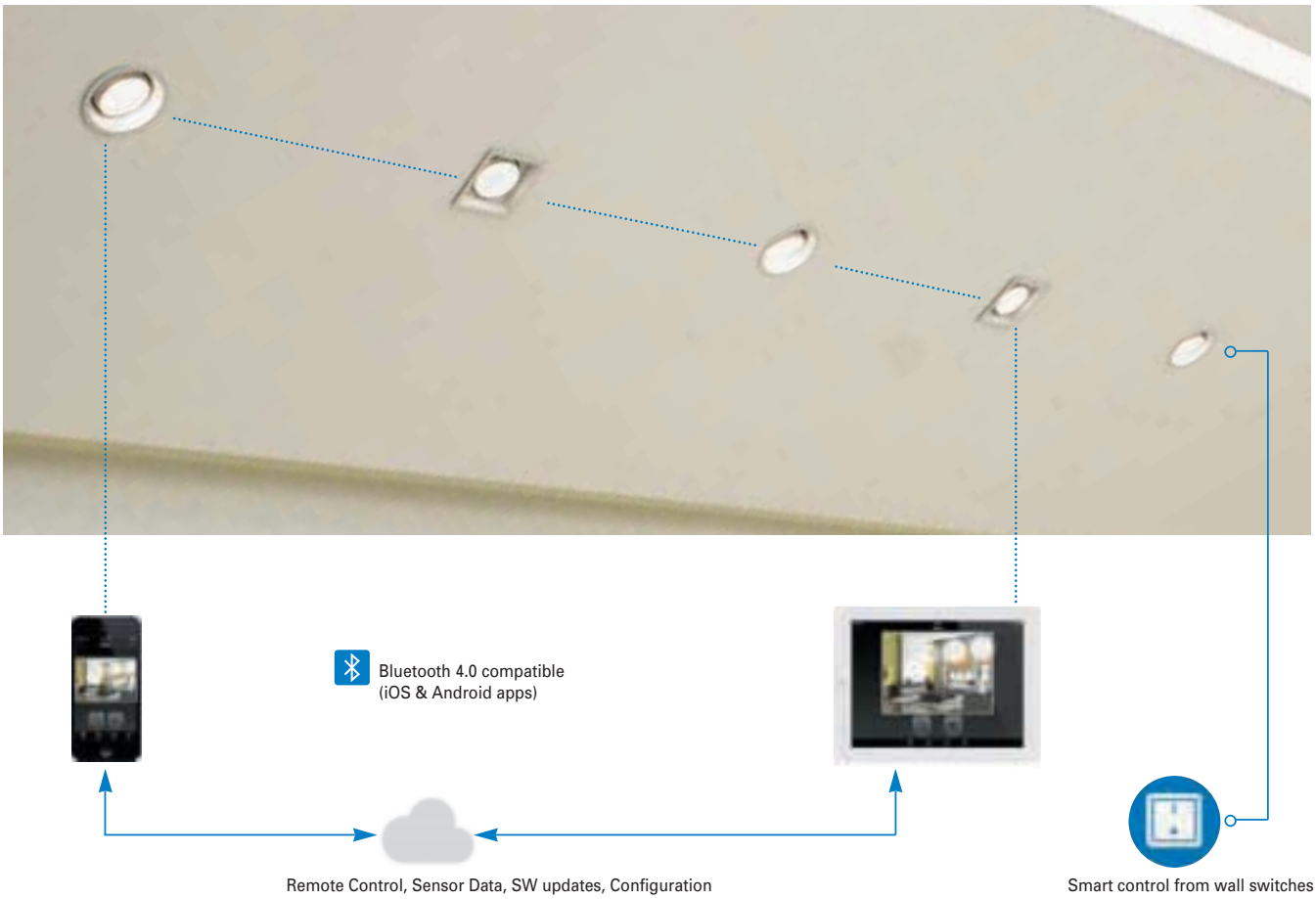
Non Glare
Reflector

non glare

White Chrome

Dark Chrome

WIRELESS CONTROL SYSTEM



Mesh network :

Low Latency
Low Power
Lose Cost
Good Range
Robust
Auto Config

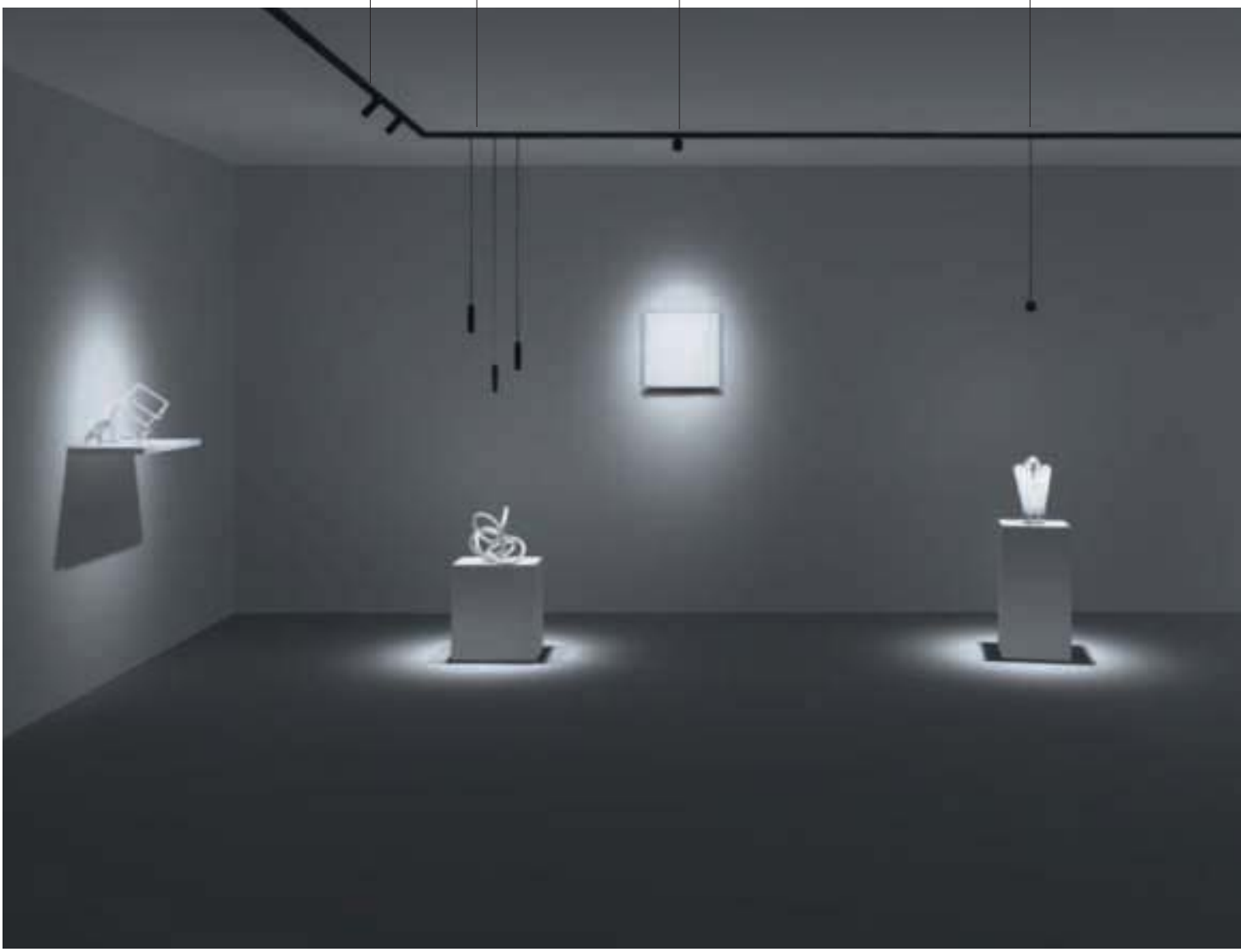
Low Volatage DC 48V Track System

General
Bell ø 35 / ø 50 / ø 60 / ø 65

POWER LED & CPB type
allow to produce fixture
of homogenous lighting performance
and high-efficiency natural looking light.
And with use high efficiency lens,
it can be perform various beam angle.

Non Glare Reflector
Bell ø 55 / ø 74 / ø 94

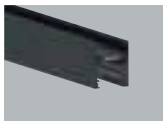
POWER LED & CPB type
allow to produce fixture
of homogenous lighting performance
and high-efficiency natural looking light.
And with use non glare reflector.



Linear Down Light & Pendant
Cambio

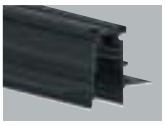
LED SMD type allow to produce fixture
of homogenous lighting performance
and high-efficiency natural looking light.
PC cover or LENS

DC 48V Track System



DR-501.01
SURFACE MOUNTING

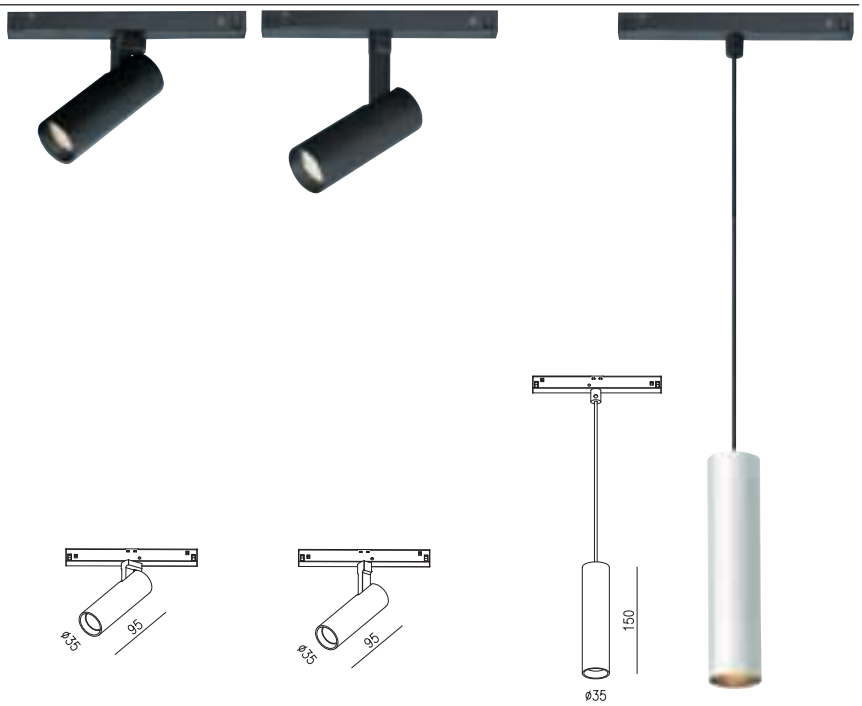
DR-501.02
SURFACE MOUNTING - LONG



DR-501.03
RECESSED TRIMLESS

Bell ø 35

DC 48V Track System



NEW DDC-65020.03
TRACK : DR-501.01

NEW DDC-65020.04
TRACK : DR-501.02
DR-501.03

NEW DP-51240.03
TRACK : DR-501.01
DR-501.02
DR-501.03

Track Accent Light & Pendant Light

TYPE OF LED : POWER LED

☐ White
■ Black

HOUSING & HEAT SINK
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

INSTALLATION
DC 48V track

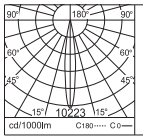
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	90	3 000 K	12.5 °	419 lm
			17.5 °	396 lm
			25.5 °	394 lm

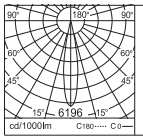
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



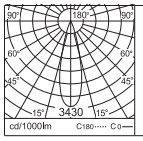
h(m)	E(lx)	D(mm) 12.5°
1	5388	220
2	1347	439
3	599	659

3 000 K



h(m)	E(lx)	D(mm) 17.5°
1	3265	309
2	816	617
3	363	926

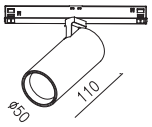
3 000 K



h(m)	E(lx)	D(mm) 25.5°
1	1807	453
2	452	905
3	201	1358

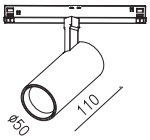
Bell ø 50

DC 48V Track System



NEW DDC-65020.08

TRACK : DR-501.01



NEW DDC-65020.09

TRACK : DR-501.02
DR-501.03

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

INSTALLATION
DC 48V track

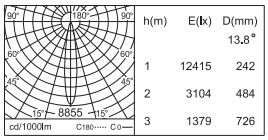
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

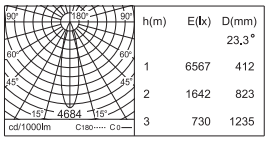
INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	80	3 000 K	13.8 °	1 184 lm
			23.3 °	1 252 lm
			38.5 °	1 032 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

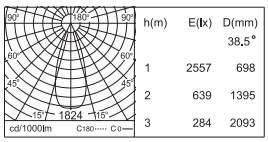
3 000 K



3 000 K



3 000 K

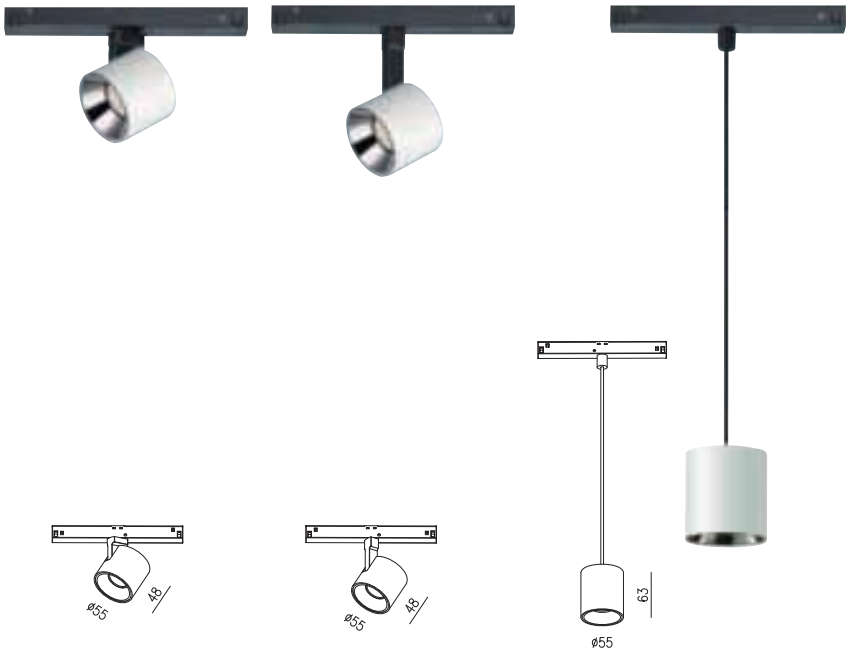


CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Bell ø 55

DC 48V Track System



NEW DDC-65020.11
TRACK : DR-501.01

NEW DDC-65020.12
TRACK : DR-501.02
DR-501.03

NEW DP-51240.11
TRACK : DR-501.01
DR-501.02
DR-501.03

Track Accent Light & Pendant Light

TYPE OF LED : POWER LED

☐ White
■ Black

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
LENS & ABS (Chrome _Non Glare Refelctor)

INSTALLATION
DC 48V track

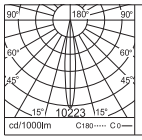
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	90	3 000 K	12.5°	419 lm
			17.5°	396 lm
			25.5°	394 lm

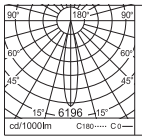
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



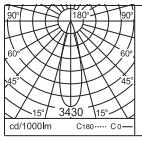
h(m)	E(lx)	D(mm)
		12.5°
1	5388	220
2	1347	439
3	599	659

3 000 K



h(m)	E(lx)	D(mm)
		17.5°
1	3265	309
2	816	617
3	363	926

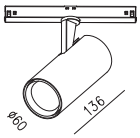
3 000 K



h(m)	E(lx)	D(mm)
		25.5°
1	1807	453
2	452	905
3	201	1358

Bell ø 60

DC 48V Track System



NEW DDC-65030.03

TRACK : DR-501.01

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

INSTALLATION
DC 48V track

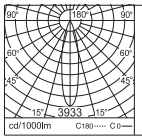
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
24 W	80	3 000 K	23.5°	2 610 lm
			31.0°	2 623 lm
			47.2°	2 676 lm

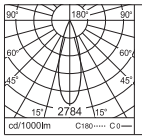
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



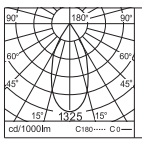
h(m)	E(lx)	D(mm)
		23.5°
1	11667	417
2	2917	833
3	1296	1250

3 000 K



h(m)	E(lx)	D(mm)
		31.0°
1	8258	555
2	2064	1111
3	918	1666

3 000 K



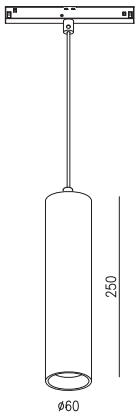
h(m)	E(lx)	D(mm)
		47.2°
1	3928	873
2	982	1746
3	436	2619

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Bell ø 60

DC 48V Track System



NEW DP-51220.03

TRACK : DR-501.01
DR-501.02
DR-501.03

Track Pendant Light

TYPE OF LED : COB

0.6 kg

☐ White
■ Black

HOUSING
AL. Extrude, Electrostatic Powder Coating

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

INSTALLATION
DC 48V track

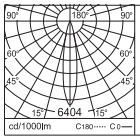
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	80	3 000 K	15.5°	1 318 lm
			27.2°	1 281 lm
			37.8°	1 309 lm

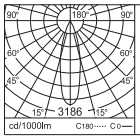
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



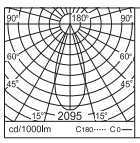
h(m)	E(lx)	D(mm)
		15.5°
1	10855	272
2	2714	544
3	1206	817

3 000 K



h(m)	E(lx)	D(mm)
		27.2°
1	5400	484
2	1350	968
3	600	1452

3 000 K



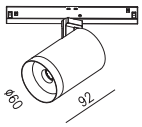
h(m)	E(lx)	D(mm)
		37.8°
1	3551	685
2	888	1370
3	395	2055

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

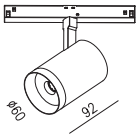
Bell ø 60

DC 48V Track System



NEW DDC-65030.08

TRACK : DR-501.01



NEW DDC-65030.09

TRACK : DR-501.02
DR-501.03

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

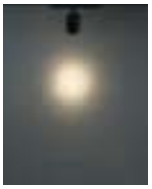
INSTALLATION
DC 48V track

*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
17 W	80	3 000 K	15.2~47.9 °	
		Zoom IN	15.2 °	1 179 lm
		Zoom OUT	47.9 °	1 228 lm

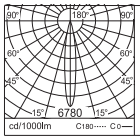
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



CCT MULTIPLIERS

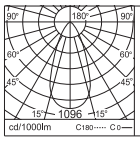
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Zoom IN



h(m)	E(lx)	D(mm)
		15.2°
1	10848	267
2	2712	533
3	1205	800

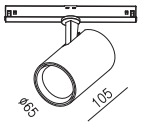
Zoom OUT

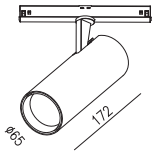


h(m)	E(lx)	D(mm)
		47.9°
1	1753	889
2	438	1777
3	195	2666

Bell ø 65

DC 48V Track System





NEW DDC-65030.11 0.7 kg
TRACK : DR-501.01

NEW DDC-65030.12 1.1 kg
TRACK : DR-501.01

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
Adjustable Angle (Tilt ∠90°)
DDC-65030.11 AL. Die-Casting, Electrostatic Powder Coating
DDC-65030.12 AL. Extrude, Electrostatic Powder Coating

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

INSTALLATION
DC 48V track

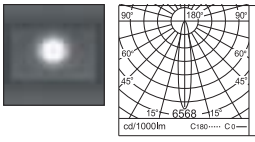
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

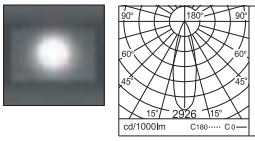
INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65030.11				
14 W	80	3 000 K	15.5°	1 450 lm
			28.2°	1 344 lm
			39.5°	1 357 lm
DDC-65030.12				
28 W	80	3 000 K	25.1°	2 583 lm
			35.1°	2 555 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

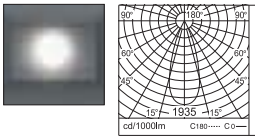
DDC-65030.11 / 14 W 3 000 K



h(m)	E(lx)	D(mm)
		15.5°
1	11133	272
2	2783	544
3	1237	817

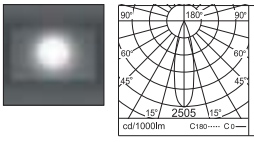


h(m)	E(lx)	D(mm)
		28.2°
1	4960	503
2	1240	1006
3	551	1508

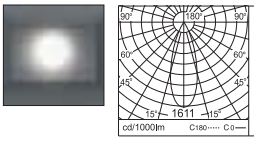


h(m)	E(lx)	D(mm)
		39.5°
1	3280	719
2	820	1438
3	364	2157

DDC-65030.12 / 28 W 3 000 K



h(m)	E(lx)	D(mm)
		25.1°
1	9087	446
2	2272	892
3	1010	1337



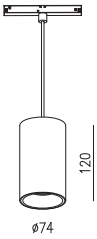
h(m)	E(lx)	D(mm)
		35.1°
1	5844	633
2	1461	1266
3	649	1899

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Bell ø 74

DC 48V Track System



NEW DP-51400.11

TRACK : DR-501.01
DR-501.02
DR-501.03

Track Pendant Light

TYPE OF LED : COB

☐ White
■ Black

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome)

WIRE
PVC

INSTALLATION
DC 48V track

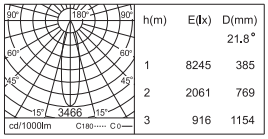
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

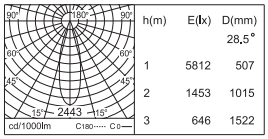
INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	80	3 000 K	21.8°	1 535 lm
			28.5°	1 526 lm
			40.0°	1 708 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

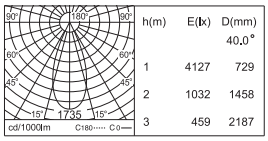
3 000 K



3 000 K



3 000 K

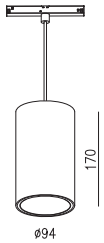


CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Bell ø 94

DC 48V Track System



NEW DP-51410.11

TRACK : DR-501.01
DR-501.02
DR-501.03

Track Pendant Light

TYPE OF LED : COB

0.8 kg

non glare

☐ White
■ Black

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome)

WIRE
PVC

INSTALLATION
DC 48V track

*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

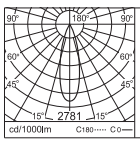
INOUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
30 W	80	3 000 K	28.9 °	2 303 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

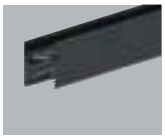
3 000 K



h(m)	E(lx)	D(mm)
		28.9 °
1	8590	515
2	2148	1029
3	954	1544

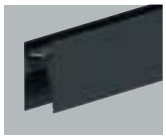
Cambio

DC 48V Track System



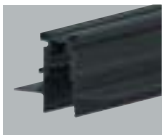
DR-501.01

SURFACE MOUNTING PROFILE TRACK



DR-501.02

SURFACE MOUNTING PROFILE TRACK - LONG



DR-501.03

RECESSED TRIMLESS PROFILE TRACK

TYPE OF LED : SMD

☐ White
■ Black

HOUSING
AL. Extrude, Electrostatic Powder Coating

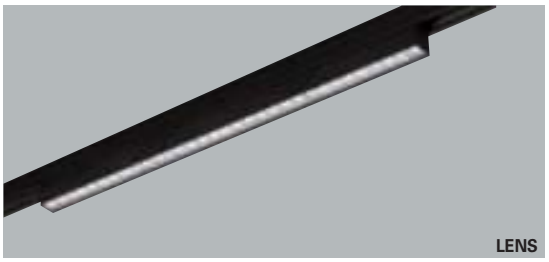
COVER
LENS or PC

INSTALLATION
DC 48V track

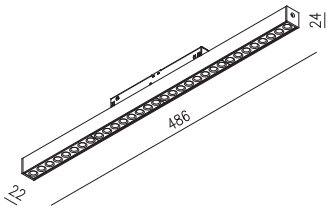
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED		SMD	
INPUT VOLTAGE		220-240 Vac , 50/60 Hz	
INPUT POWER	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DDC-65570.01			
20 W	80	3 000 K	1 396 lm
DDC-65570.02			
20 W	80	3 000 K	924 lm

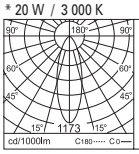
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K



DDC-65570.01 NEW SMD 20 W

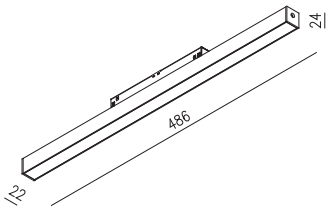


* 20 W / 3 000 K

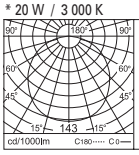


h(m)	E(lx)	D(mm)
		32.7°
1	2615	586
2	654	1173
3	291	1759

DDC-65570.02 NEW SMD 20 W



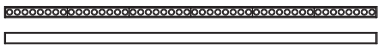
* 20 W / 3 000 K



h(m)	E(lx)	D(mm)
		112.7°
1	320	3002
2	80	6004
3	36	9006

DDC-65560.01
DDC-65560.02 0.2 kg
245

DDC-65570.01
DDC-65570.02 0.36 kg
486



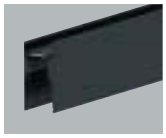
DDC-65580.01
DDC-65580.02 0.56 kg
726

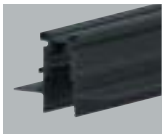
DDC-65590.01
22 DDC-65590.02 0.72 kg
967

Cambio

DC 48V Track System

DR-501.01


DR-501.02


DR-501.03

Track Linear Pendant

TYPE OF LED : SMD

0.7 kg

☐ White
■ Black

HOUSING
AL. Extrude & AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

INSTALLATION
DC 48V track

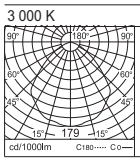
*REQUIREMENT
LED Power Supply 48V DC Needed

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

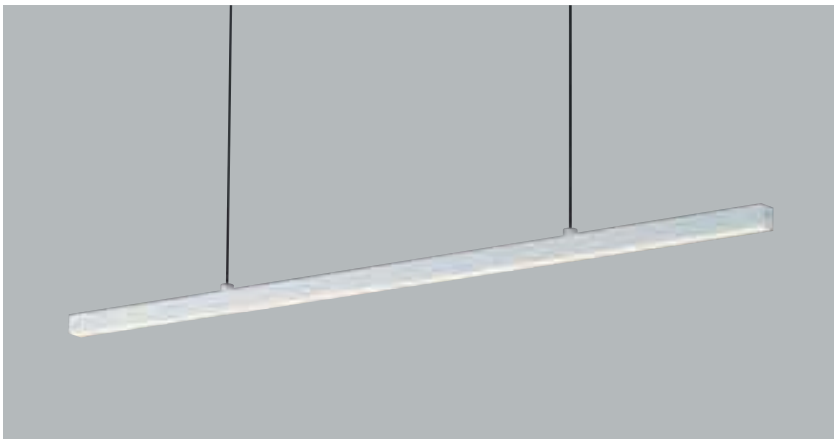
INPUT POWER	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	80	3 000 K	1 924 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

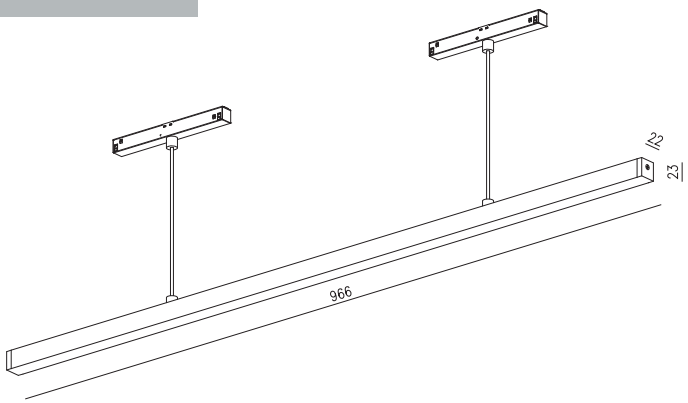
3 000 K



h(m)	E(lx)	D(mm)
		95.6°
1	883	2205
2	221	4411
3	98	6616



DP-59100 NEW SMD 28 W

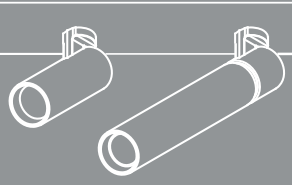


Track Adapter with Built-in LED Driver

Flow-S ø 35

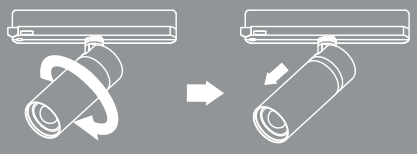
Track Adapter with Built-in LED Driver available.
=> (For the 1 or 3-circuit track system)

POWER LED type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency lens, it can be perform various beam angle.
And with use Zoom, it can be perform various beam angle.



ZOOM TYPE

With use Zoom, it can be perform various.



Rotate to adjust zoom angle

Ø 60

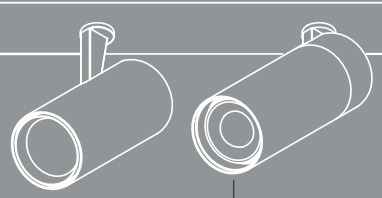
Track Adapter with Built-in LED Driver available.
=> (For the 1 or 3-circuit track system)

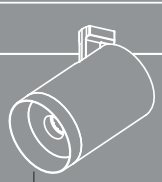
LED COB type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency lens, it can be perform various beam angle.
And with use Zoom, it can be perform various beam angle.

Ø 60

Track Adapter with Built-in LED Driver available.
=> (For the 1 or 3-circuit track system)

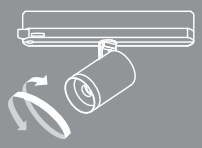
LED COB type.
And with use Zoom lens, it can be perform various beam angle.





ZOOM LENS

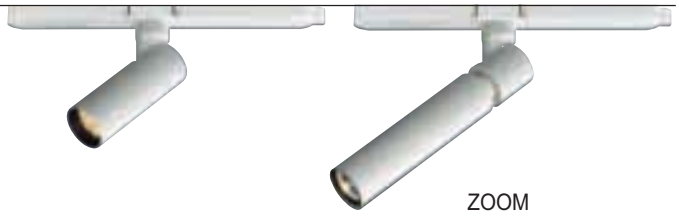
With use Zoom, it can be perform various.

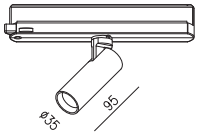


Rotate to adjust zoom angle

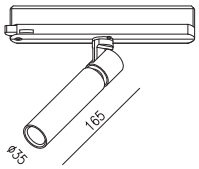
Flow-S Ø 35 NEW

DDC-65020.01 Series





DDC-65020.01 POWER LED 9 W



DDC-65020.06 POWER LED 7 W

Track Accent Light

TYPE OF LED : POWER LED

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

ADAPTER
with Bilt-in LED Driver

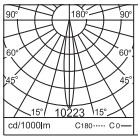
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

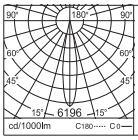
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65020.01							
9 W	5 W	12 Vdc	450 mA	90	3 000 K	12.5°	419 lm
						17.5°	396 lm
						25.5°	394 lm
DDC-65020.06 (Zoom Type)							
7W	5 W	12 Vdc	450 mA	80	3 000 K	10.2~31.0°	
					Zoom IN	10.2°	176 lm
					Zoom OUT	31.0°	262 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

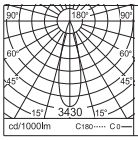
DDC-65020.01 / 9 W 3 000 K



h(m)	E(lx)	D(mm)
		12.5°
1	5388	220
2	1347	439
3	599	659



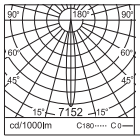
h(m)	E(lx)	D(mm)
		17.5°
1	3265	309
2	816	617
3	363	926



h(m)	E(lx)	D(mm)
		25.5°
1	1807	453
2	452	905
3	201	1358

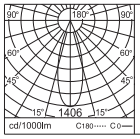
DDC-65020.06 / 7 W 3 000 K

Zoom IN



h(m)	E(lx)	D(mm)
		10.2°
1	4692	178
2	1173	357
3	521	535

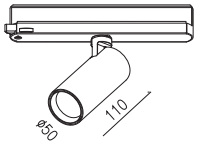
Zoom OUT



h(m)	E(lx)	D(mm)
		31.0°
1	922	554
2	231	1109
3	102	1663

Flow-S ø 50 NEW

DDC-65020.07



DDC-65020.07 COB 15 W

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

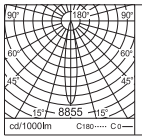
ADAPTER
with Bilt-in LED Driver

INSTALLATION
On 1 or 3 circuit track (PC)

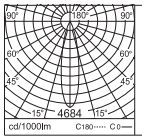
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	36 Vdc	350 mA	80	3 000 K	13.8 °	1 184 lm
						23.3 °	1 252 lm
						38.5 °	1 032 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



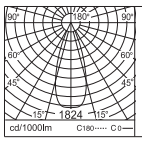
h(m)	E(lx)	D(mm)
		13.8°
1	12415	242
2	3104	484
3	1379	726



h(m)	E(lx)	D(mm)
		23.3°
1	6567	412
2	1642	823
3	730	1235

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

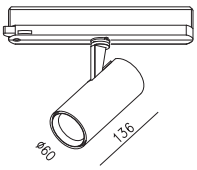


h(m)	E(lx)	D(mm)
		38.5°
1	2557	698
2	639	1395
3	284	2093

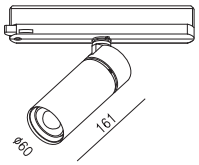
Flow-S ø 60 NEW

DDC-65030.01 Series

ZOOM



DDC-65030.01 COB 24 W



DDC-65030.06 COB 19 W

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

ADAPTER
with Bilt-in LED Driver

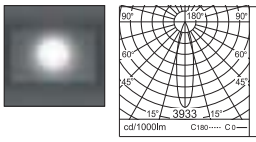
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

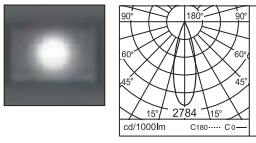
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65030.01							
24 W	21 W	35 Vdc	600 mA	80	3 000 K	23.5 °	2 610 lm
						31.0 °	2 623 lm
						47.2 °	2 676 lm
DDC-65030.06 (Zoom Type)							
19 W	16 W	35 Vdc	450 mA	80	3 000 K	23.6 ~ 32.8 °	
					Zoom IN	23.6 °	1 235 lm
					Zoom OUT	32.8 °	1 505 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

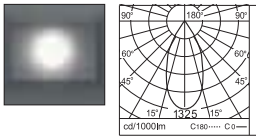
DDC-65030.01 / 24 W 3 000 K



h(m)	E(lx)	D(mm)
		23.5°
1	11667	417
2	2917	833
3	1296	1250

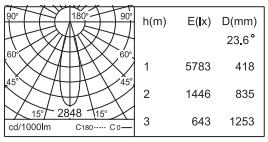


h(m)	E(lx)	D(mm)
		31.0°
1	8258	555
2	2064	1111
3	918	1666



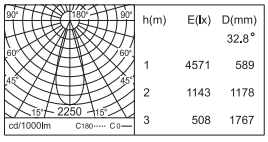
h(m)	E(lx)	D(mm)
		47.2°
1	3928	873
2	982	1746
3	436	2619

DDC-65030.06 / 19 W 3 000 K



Zoom IN

h(m)	E(lx)	D(mm)
		23.6°
1	5783	418
2	1446	835
3	643	1253



Zoom OUT

h(m)	E(lx)	D(mm)
		32.8°
1	4571	589
2	1143	1178
3	508	1767

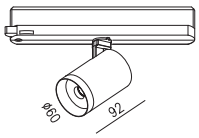
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Flow-S Ø 60 NEW

DDC-65030.07

ZOOM



DDC-65030.07 COB 17 W

Track Accent Light

TYPE OF LED : COB

☐ White
■ Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
PC

REFLECTOR
LENS

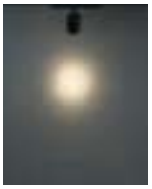
ADAPTER
with Bilt-in LED Driver

INSTALLATION
On 1 or 3 circuit track (PC)

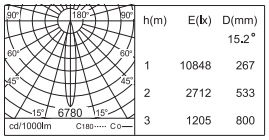
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
17 W	15 W	36 Vdc	400 mA	80	3 000 K	15.2~47.9 °	
					Zoom IN	15.2 °	1 179 lm
					Zoom OUT	47.9 °	1 228 lm

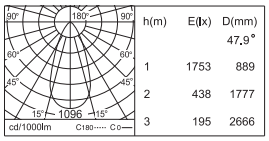
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



Zoom IN



Zoom OUT



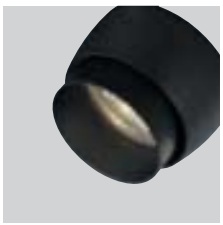
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

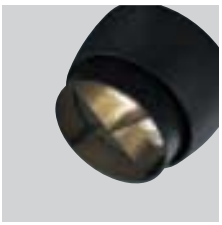
MACARON LED ACCENT LIGHT

Macaron

DDC-65380 Series



HOOD - A



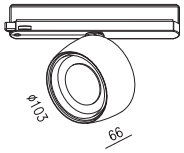
HOOD - B

OPTION A
GLASS
: WIDE BEAM

OPTION B
GLASS
: OVAL BEAM

OPTION C
LOUVER
: HONEY COMB

Macaron



DDC-65380 SERIES NEW

DDC-65380 COB 18 W
DDC-65381 COB 27 W

Track Accent Light

TYPE OF LED : COB

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65380							
18 W	17 W	34 Vdc	500 mA	80	3 000 K	17.8°	1 912 lm
						27.7°	1 907 lm
						43.8°	2 021 lm
DDC-65381							
27 W	24 W	35 Vdc	700 mA	80	3 000 K	18.2°	2 527 lm
						27.7°	2 599 lm
						43.4°	2 649 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

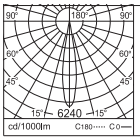
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

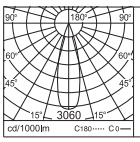
Medium

Wide

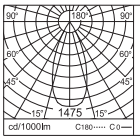
DDC-65380 18 W / 3 000 K



h(m)	E(lx)	D(mm)
		17.8°
1	15270	312
2	3818	625
3	1697	937

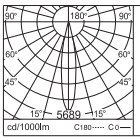


h(m)	E(lx)	D(mm)
		27.7°
1	7487	493
2	1872	985
3	832	1478

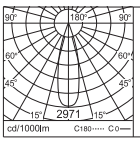


h(m)	E(lx)	D(mm)
		43.8°
1	3610	804
2	903	1608
3	401	2412

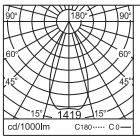
DDC-65381 27 W / 3 000 K



h(m)	E(lx)	D(mm)
		18.2°
1	19069	321
2	4767	641
3	2119	962

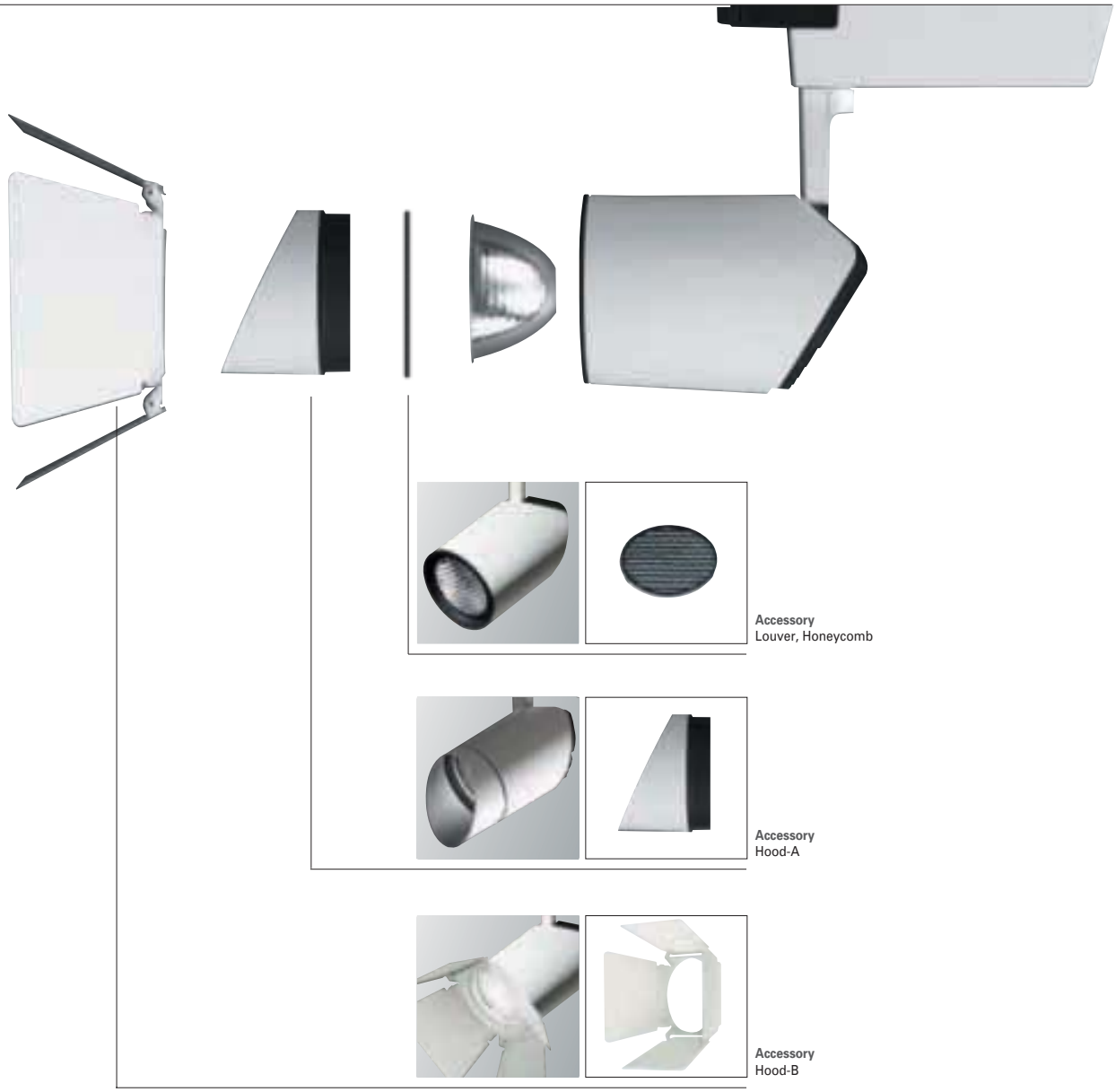


h(m)	E(lx)	D(mm)
		27.7°
1	9958	493
2	2490	986
3	1106	1479

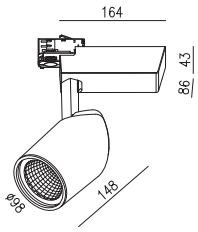


h(m)	E(lx)	D(mm)
		43.4°
1	4755	796
2	1189	1593
3	528	2389

BLACK TIE LED ACCENT LIGHT

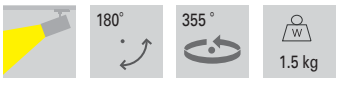


Black Tie



DDC-63732 COB 20 W

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

MOUNTING RING
PC, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Type

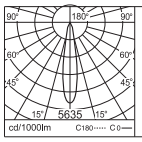
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7°	2 277 lm
						25.5°	2 244 lm
						38.9°	2 284 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

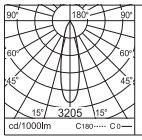
PHOTOMETRIC DATA

3 000 K



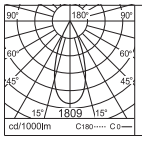
h(m)	E(lx)	D(mm)
		17.7°
1	14893	312
2	3723	624
3	1655	936

3 000 K



h(m)	E(lx)	D(mm)
		25.5°
1	8470	453
2	2118	905
3	941	1358

3 000 K



h(m)	E(lx)	D(mm)
		38.9°
1	4780	705
2	1195	1411
3	531	2116

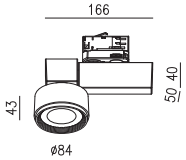
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

iCAN LED ACCENT LIGHT

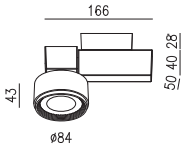
iCAN
COB Type

Track Accent Light



DDC-63812 COB 10W

Surface Mounted Tilt Accent Light



DDC-63812-02 COB 10W

TYPE OF LED : COB

White

Gray

Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

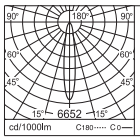
INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Type

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	15.9°	1 070 lm
						28.4°	992 lm
						39.5°	1 009 lm

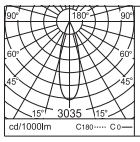
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



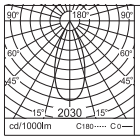
h(m)	E(lx)	D(mm)
		15.9°
1	8029	279
2	2007	558
3	892	837

3 000 K



h(m)	E(lx)	D(mm)
		28.4°
1	3663	507
2	916	1014
3	407	1521

3 000 K



h(m)	E(lx)	D(mm)
		39.5°
1	2450	718
2	613	1436
3	272	2154

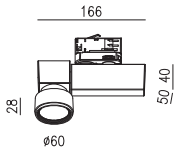
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

iCAN

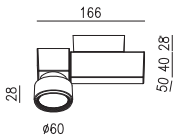
LED LAMP Type

Track Accent Light



DDC-63822 LED LAMP 9 W

Surface Mounted Tilt Accent Light



DDC-63822-02 LED LAMP 9 W

TYPE OF LED : LED LAMP
White

Gray

Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

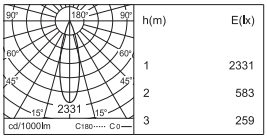
INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Type

TYPE OF LED	LED MR16
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	40 Vdc	250 mA	80	2 700 K	36.0 °	1 200 lm

LED LIFETIME -L70	35 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	3 000 K / 2 700 K

3 000 K



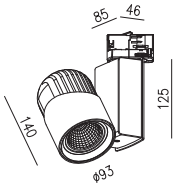
AURORA LED ACCENT LIGHT

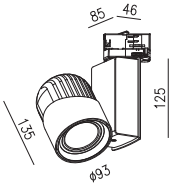
Aurora

DDC-65060.01 Series

Reflector

Lens



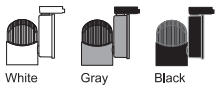


DDC-65060.01 SERIES

DDC-65060.01 COB 32 W
DDC-65061.01 COB 41 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver or LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DDC-65060.01							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	18.5 °	3 517 lm
						26.4 °	3 411 lm
						34.6 °	3 421 lm
DDC-65061.01							
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	18.3 °	4 168 lm
						26.4 °	4 185 lm
						34.5 °	4 132 lm
LENS Type							
DDC-65060.01							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	20.7 °	3 505 lm
						29.8 °	3 651 lm
						46.0 °	3 613 lm
DDC-65061.01							
41 W	37 W	35 Vdc	1 050 mA	80	3 000 K	21.0 °	4 188 lm
						29.8 °	4 433 lm
						45.9 °	4 413 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

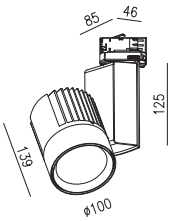
PHOTOMETRIC DATA >>> page 258-259

Aurora

DDC-65062.01

White

Black



DDC-65062.01

COB 49W

Track Accent Light

TYPE OF LED : COB

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

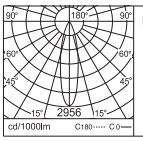
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
49 W	44 W	35 Vdc	1 250 mA	80	3 000 K	25.9°	5 333 lm
						34.6°	5 474 lm
						42.9°	5 299 lm

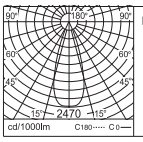
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



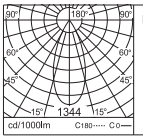
h(m)	E(lx)	D(mm)
		25.9°
1	18538	460
2	4635	920
3	2060	1381

3 000 K



h(m)	E(lx)	D(mm)
		34.6°
1	15492	622
2	3873	1244
3	1721	1866

3 000 K



h(m)	E(lx)	D(mm)
		42.9°
1	8427	786
2	2107	1573
3	936	2359

CCT MULTIPLIERS

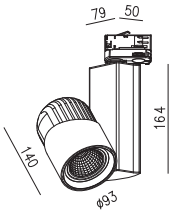
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

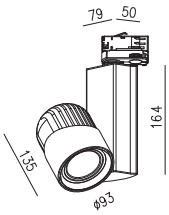
Aurora

DDC-65060.02 Series

Reflector

Lens





DDC-65060.02 SERIES

DDC-65060.02 COB 32 W
DDC-65061.02 COB 41 W

Track Accent Light

TYPE OF LED : COB

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

GEAR BOX
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver or LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DDC-65060.02							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	18.5°	3 517 lm
						26.4°	3 411 lm
						34.6°	3 421 lm
DDC-65061.02							
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	18.3°	4 168 lm
						26.4°	4 185 lm
						34.5°	4 132 lm
LENS Type							
DDC-65060.02							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	20.7°	3 505 lm
						29.8°	3 651 lm
						46.0°	3 613 lm
DDC-65061.02							
41 W	37 W	35 Vdc	1 050 mA	80	3 000 K	21.0°	4 188 lm
						29.8°	4 433 lm
						45.9°	4 413 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

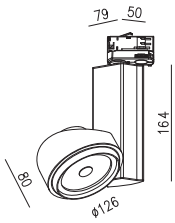
PHOTOMETRIC DATA >>> page 258-259

Aurora

DDC-65060.03 Series NEW

White

Black

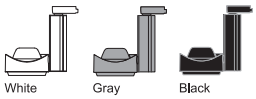


DDC-65060.03 SERIES

DDC-65060.03 LED LAMP 28 W
DDC-65061.03 LED LAMP 40 W

Track Accent Light

TYPE OF LED : LED LAMP



LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠180°)

GEAR BOX
AL. Extrude, Electrostatic Powder Coating

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

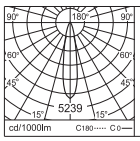
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65060.03							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4 °	2 787 lm
						35.5 °	2 669 lm
DDC-65061.03							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4 °	4 571 lm
						39.2 °	4 343 lm

LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

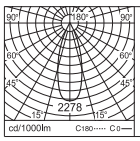
Medium

Wide

DDC-65060.03 28 W / 3 000 K

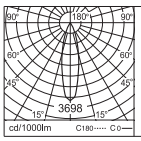


h(m)	E(lx)	D(mm)
		20.4°
1	14460	360
2	3615	719
3	1607	1079

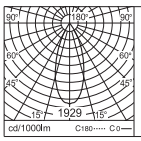


h(m)	E(lx)	D(mm)
		35.5°
1	6036	640
2	1509	1280
3	671	1919

DDC-65061.03 40 W / 3 000 K



h(m)	E(lx)	D(mm)
		23.4°
1	16826	415
2	4206	830
3	1870	1245

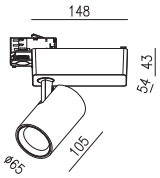


h(m)	E(lx)	D(mm)
		39.2°
1	8370	713
2	2092	1425
3	930	2138

TWINKLE LED ACCENT LIGHT

Twinkle ø 65

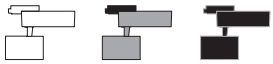
DDC-65070.01



DDC-65070.01 COB 14 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

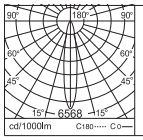
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	34 Vdc	350 mA	80	3 000 K	15.5 °	1 450 lm
						28.2 °	1 344 lm
						39.5 °	1 357 lm

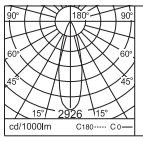
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



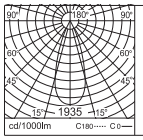
h(m)	E(lx)	D(mm)
		15.5°
1	11133	272
2	2783	544
3	1237	817

3 000 K



h(m)	E(lx)	D(mm)
		28.2°
1	4960	503
2	1240	1006
3	551	1508

3 000 K



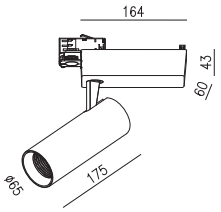
h(m)	E(lx)	D(mm)
		39.5°
1	3280	719
2	820	1438
3	364	2157

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Twinkle Ø 65

DDC-65070.02 NEW



DDC-65070.02 COB 28 W

Track Accent Light

TYPE OF LED : COB

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

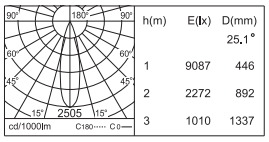
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
28 W	24 W	35 Vdc	700 mA	80	3 000 K	25.1 °	2 583 lm
						35.1 °	2 555 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

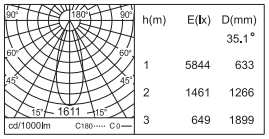
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K

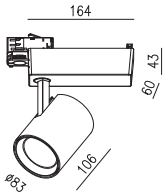


3 000 K



Twinkle ø 83

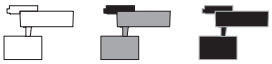
DDC-65070.10 NEW



DDC-65070.10 COB 23 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
LENS

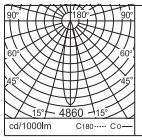
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	20.1°	2 513 lm
						29.5°	2 536 lm
						46.3°	2 593 lm

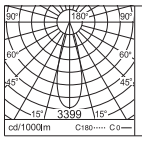
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



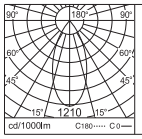
h(m)	E(lx)	D(mm)
		20.1°
1	14953	354
2	3738	708
3	1661	1062

3 000 K



h(m)	E(lx)	D(mm)
		29.5°
1	10460	526
2	2615	1052
3	1162	1578

3 000 K



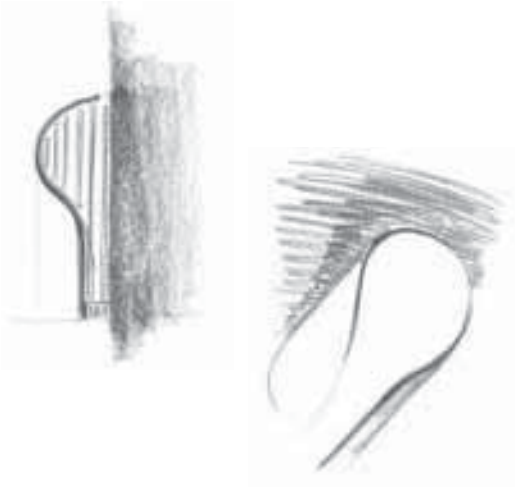
h(m)	E(lx)	D(mm)
		46.3°
1	3722	855
2	930	1710
3	414	2565

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

VANITY LED ACCENT LIGHT

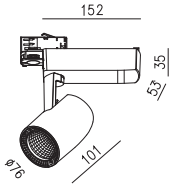
Vanity



Bruno Gecchelin

Vanity

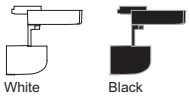
DDC-65080



DDC-65080 COB 10 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
PC, Urethane Coating

GEAR BOX
PC, Urethane Coating

REFLECTOR
PC (Vacuum Coating)

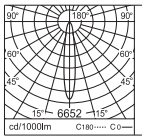
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	15.9°	1 070 lm
						28.4°	992 lm
						39.5°	1 009 lm

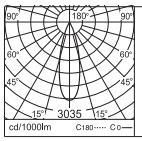
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



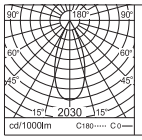
h(m)	E(lx)	D(mm)
		15.9°
1	8029	279
2	2007	558
3	892	837

3 000 K



h(m)	E(lx)	D(mm)
		28.4°
1	3663	507
2	916	1014
3	407	1521

3 000 K



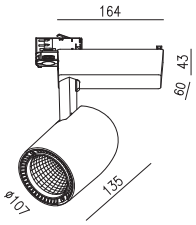
h(m)	E(lx)	D(mm)
		39.5°
1	2450	718
2	613	1436
3	272	2154

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Vanity

DDC-65090 Series

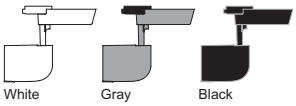


DDC-65090 SERIES

DDC-65090	COB 20 W
DDC-65091	COB 28 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
PC, Urethane Coating

GEAR BOX
PC, Urethane Coating

REFLECTOR
PC (Vacuum Coating)

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65090							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7°	2 277 lm
						25.5°	2 244 lm
						38.9°	2 284 lm
DDC-65091							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	17.8°	3 044 lm
						26.0°	3 000 lm
						39.2°	3 056 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

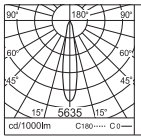
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Medium

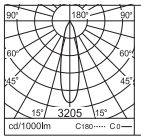
Wide

Wide

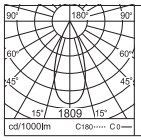
DDC-65090 20 W / 3 000 K



h(m)	E(lx)	D(mm)
		17.7°
1	14893	312
2	3723	624
3	1655	936

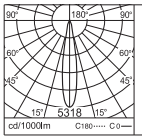


h(m)	E(lx)	D(mm)
		25.5°
1	8470	453
2	2118	905
3	941	1358

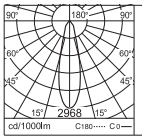


h(m)	E(lx)	D(mm)
		38.9°
1	4780	705
2	1195	1411
3	531	2116

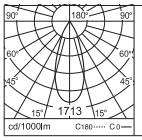
DDC-65091 28 W / 3 000 K



h(m)	E(lx)	D(mm)
		17.8°
1	19683	313
2	4921	626
3	2187	940



h(m)	E(lx)	D(mm)
		26.0°
1	10984	461
2	2746	923
3	1220	1384



h(m)	E(lx)	D(mm)
		39.2°
1	6340	713
2	1585	1426
3	704	2139

ISSIMO LED ACCENT LIGHT

TYPE OF LED : COB

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

INSTALLATION
On 1 or 3 circuit track (PC)

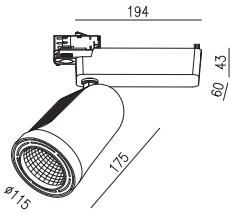
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

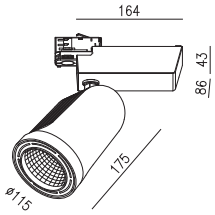
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65100							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65101							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	26.0 °	3 000 lm
						39.0 °	3 056 lm
DDC-65102							
41 W	36 W	35 Vdc	1 050 mA	80	3 000 K	25.3 °	3 788 lm
						37.5 °	3 880 lm
DDC-65103							
56 W	47 W	35 Vdc	1 400 mA	80	3 000 K	23.3 °	4 869 lm
						39.3 °	4 835 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Issimo

DDC-65100 Series





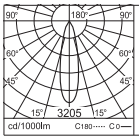
DDC-65100 SERIES

DDC-65100	COB 20 W	DDC-65102	COB 41 W
DDC-65101	COB 28 W	DDC-65103	COB 56 W

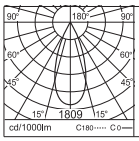
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DDC-65100 20 W / 3 000 K

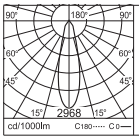


h(m)	E(lx)	D(mm)
		25.5°
1	8470	453
2	2118	905
3	941	1358

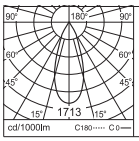


h(m)	E(lx)	D(mm)
		38.9°
1	4780	705
2	1195	1411
3	531	2116

DDC-65101 28 W / 3 000 K

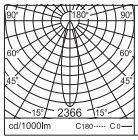


h(m)	E(lx)	D(mm)
		26.0°
1	10984	461
2	2746	923
3	1220	1384

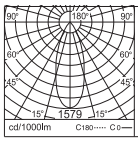


h(m)	E(lx)	D(mm)
		39.2°
1	6340	713
2	1585	1426
3	704	2139

DDC-65102 41 W / 3 000 K

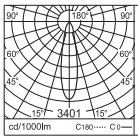


h(m)	E(lx)	D(mm)
		25.3°
1	12381	449
2	3095	898
3	1376	1347

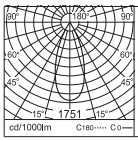


h(m)	E(lx)	D(mm)
		37.5°
1	8266	680
2	2067	1359
3	918	2039

DDC-65103 56 W / 3 000 K



h(m)	E(lx)	D(mm)
		23.3°
1	21807	412
2	5452	824
3	2423	1236



h(m)	E(lx)	D(mm)
		39.3°
1	11225	713
2	2806	1427
3	1247	2140

ABACO-S LED ACCENT LIGHT

Abaco-S
ACCENT LIGHTS

Abaco-S SMD

DDC-65200
SMD type ø 150
P.74

DDC-65130.01 SERIES
SMD type ø 200
P.62

Abaco-S LAMP & COB

DDC-65132.02 SERIES
LED LAMP TYPE
P.64

DDC-65130.05 SERIES
COB TYPE
P.66

DDC-65130.10 SERIES
COB TYPE & LENS
P.68

Abaco-S SMD

NEW

DDC-65130.11
SMD type ø 120
P.70

NEW

DDC-65130.12
SMD type ø 150
P.70

NEW

DDC-65130.13
SMD type ø 200
P.70

NEW

DDC-65130.14 SERIES
SMD type ø 300
P.71

NEW

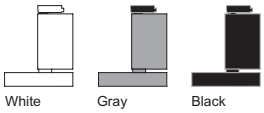
DDC-65130.15 SERIES
SMD type ø 400
P.72

NEW

DDC-65130.16-02
SMD type ø 500
P.73

NEW

DDC-65130.17-02
SMD type ø 600
P.73



TYPE OF LED : SMD

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

INSTALLATION
On 1 or 3 circuit track (PC)

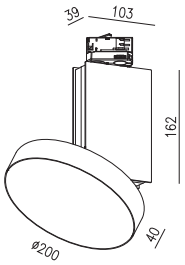
TYPE OF LED	SMD (72 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	24 W	36 Vdc	700 mA	80	3 000 K	2 281 lm

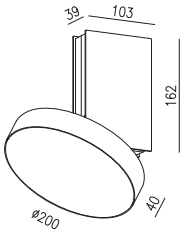
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

Abaco-S SMD TYPE

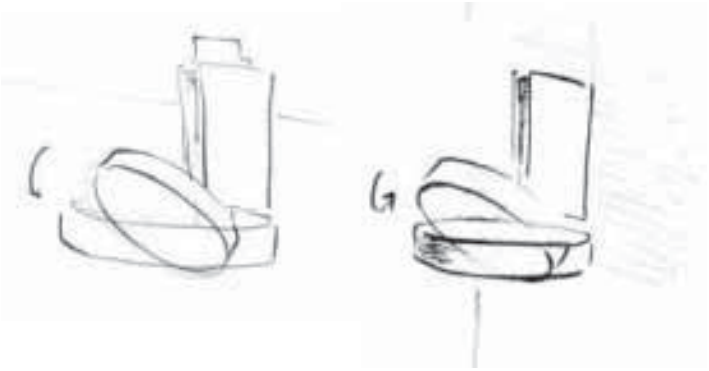
Wall Bracket Light



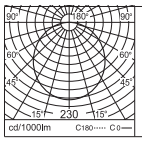
DDC-65130.01 SMD 28 W



DDC-65130.01-02 SMD 28 W



28 W / 3 000 K

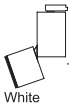


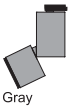
h(m)	E(lx)	D(mm)
		109.7°
1	822	2839
2	206	5679
3	91	8518

ABACO-S I LED ACCENT LIGHT

Track Accent Light

TYPE OF LED : LED LAMP





LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
Aluminium, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

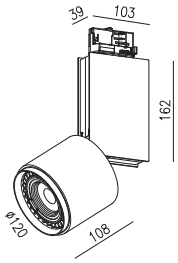
TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

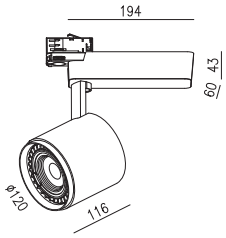
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65132.02 / DDC-65132.03							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4 °	2 787 lm
						35.5 °	2 669 lm
DDC-65133.02 / DDC-65133.03							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4 °	4 571 lm
						39.2 °	4 343 lm

LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

Abaco-S LED LAMP TYPE

DDC-65132.02 Series





DDC-65132.02 SERIES

DDC-65132.02	LED LAMP 28W
DDC-65133.02	LED LAMP 40W

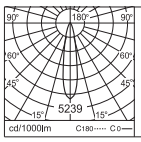
DDC-65132.03 SERIES

DDC-65132.03	LED LAMP 28W
DDC-65133.03	LED LAMP 40W

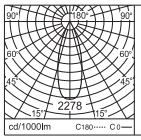
Hood - AL.Die-Casting

Louver, Honeycomb

LED LAMP 28 W / 3 000 K

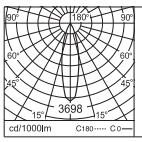


h(m)	E(lx)	D(mm)
		20.4°
1	14460	360
2	3615	719
3	1607	1079

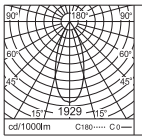


h(m)	E(lx)	D(mm)
		35.5°
1	6036	640
2	1509	1280
3	671	1919

LED LAMP 40 W / 3 000 K



h(m)	E(lx)	D(mm)
		23.4°
1	16826	415
2	4206	830
3	1870	1245

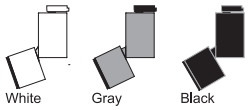


h(m)	E(lx)	D(mm)
		39.2°
1	8370	713
2	2092	1425
3	930	2138

ABACO-S I LED ACCENT LIGHT

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
Aluminium, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

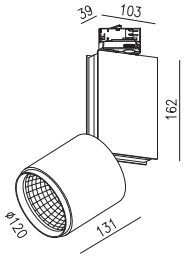
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65130.05							
19 W	17 W	34 Vdc	500 mA	80	3 000 K	11.8°	2 411 lm
						24.6°	2 381 lm
						43.9°	2 360 lm
DDC-65131.05							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	11.8°	3 202 lm
						24.8°	3 145 lm
						43.6°	3 239 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Abaco-S COB TYPE

DDC-65130.05 Series



DDC-65130.05 SERIES

DDC-65130.05	COB 19 W
DDC-65131.05	COB 28 W

Hood - AL.Die-Casting

Louver, Honeycomb

CCT MULTIPLIERS

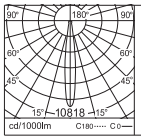
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K

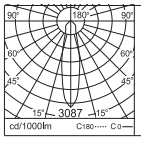
3 000 K

3 000 K

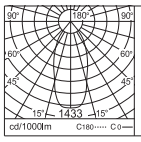
DDC-65130.05 19 W / 3 000 K



h(m)	E(lx)	D(mm)
		11.8°
1	28082	206
2	7021	412
3	3120	619

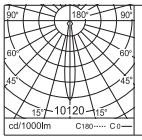


h(m)	E(lx)	D(mm)
		24.6°
1	8015	437
2	2004	873
3	891	1310

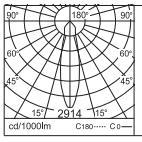


h(m)	E(lx)	D(mm)
		43.9°
1	3721	806
2	930	1611
3	413	2417

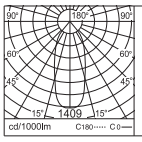
DDC-65131.05 28 W / 3 000 K



h(m)	E(lx)	D(mm)
		11.8°
1	36603	206
2	9151	412
3	4067	618

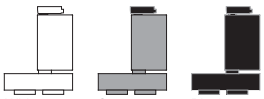


h(m)	E(lx)	D(mm)
		24.6°
1	10541	440
2	2635	879
3	1171	1319



h(m)	E(lx)	D(mm)
		43.6°
1	5095	799
2	1274	1599
3	566	2398

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
Aluminium, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

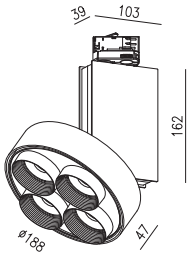
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
51 W	45 W	33 Vdc	1 400 mA	80	3 000 K	27.8 °	5 699 lm
						33.7 °	6 012 lm
						47.8 °	5 758 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

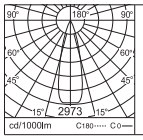
Abaco-S COB TYPE (+LENS)

DDC-65130.10



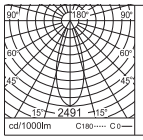
DDC-65130.10 COB 51 W

3 000 K



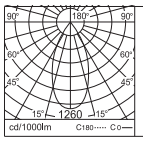
h(m)	E(lx)	D(mm)
		27.8°
1	20080	495
2	5020	990
3	2231	1485

3 000 K



h(m)	E(lx)	D(mm)
		33.7°
1	16819	606
2	4205	1212
3	1869	1818

3 000 K



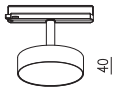
h(m)	E(lx)	D(mm)
		47.8°
1	8506	887
2	2126	1773
3	945	2660

CCT MULTIPLIERS

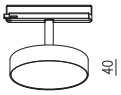
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Abaco-S SMD TYPE NEW

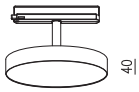
Ø 120 | Ø 150 | Ø 200



ø120 0.6 kg



ø150 1.0 kg



ø200 1.2 kg

Track Accent Light

DDC-65130.11 SMD 13 W

DDC-65130.12 SMD 21 W

DDC-65130.13 SMD 24 W

TYPE OF LED : SMD

☐ White
■ Black

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

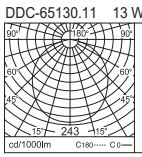
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DDC-65130.11 (55 LED)						
13 W	11 W	32 Vdc	350 mA	80	3 000 K	1 104 lm
DDC-65130.12 (60 LED)						
21 W	18 W	36 Vdc	500 mA	80	3 000 K	1 604 lm
DDC-65130.13 (72 LED)						
24 W	21 W	35 Vdc	600 mA	80	3 000 K	1 971 lm

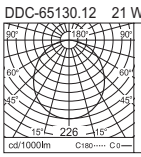
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DDC-65130.11 13 W / 3 000 K



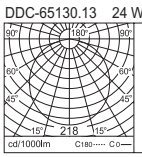
h(m)	E(lx)	D(mm)
		107.3°
1	410	2717
2	103	5433
3	46	8150

DDC-65130.12 21 W / 3 000 K



h(m)	E(lx)	D(mm)
		107.7°
1	589	2737
2	147	5473
3	65	8210

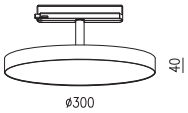
DDC-65130.13 24 W / 3 000 K

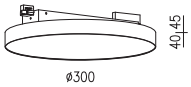


h(m)	E(lx)	D(mm)
		109.8°
1	708	2844
2	177	5689
3	79	8533

Abaco-S SMD TYPE NEW

Ø 300





Track Accent Light

DDC-65130.14 SMD 28 W

DDC-65130.14-02 SMD 28 W

TYPE OF LED : SMD

☐ White
■ Black

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

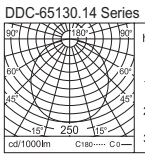
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD (144 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	21 W	34 Vdc	700 mA	80	3 000 K	2 676 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

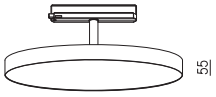
DDC-65130.14 Series 28 W / 3 000 K



h(m)	E(lx)	D(mm)
		110.0°
1	959	2858
2	240	5717
3	107	8575

Abaco-S SMD TYPE NEW

ø 400



DDC-65130.15 SMD 35 W

DDC-65130.15-02 SMD 35 W

Track Accent Light

TYPE OF LED : SMD

2.1 kg

☐ White
■ Black

LED HOUSING
Steel, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD (168 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

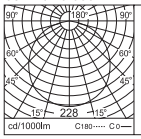
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
35 W	30 W	41 Vdc	800 mA	80	3 000 K	3 134 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

* COVER
- OPTION A General Cover
  UGR ≤ 18
- OPTION B

Glare Diffuser
UGR ≤ 13

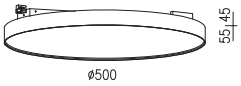
35 W / 3 000 K



h(m)	E(lx)	D(mm)
		113.7°
1	1088	3063
2	272	6127
3	121	9190

Abaco-S SMD TYPE NEW

Ø 500 | Ø 600



Track Accent Light

DDC-65130.16-02 SMD 47 W 4.6 kg

DDC-65130.17-02 SMD 65 W 6.5 kg

TYPE OF LED : SMD

☐ White
■ Black

LED HOUSING
AL. Extrude, Electrostatic Powder Coating

COVER
PC

GEAR BOX
Steel

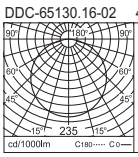
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DDC-65130.16-02 (280 LED)						
47 W	40 W	40 Vdc	980 mA	80	3 000 K	4 300 lm
DDC-65130.17-02 (320 LED)						
65 W	56 W	46 Vdc	1 200 mA	80	3 000 K	5 949 lm

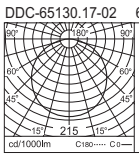
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DDC-65130.16-02 47 W / 3 000 K

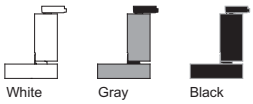


h(m)	E(lx)	D(mm)
		114.0°
1	1579	3079
2	395	6158
3	175	9236

DDC-65130.17-02 65 W / 3 000 K



h(m)	E(lx)	D(mm)
		114.2°
1	2057	3091
2	514	6182
3	229	9273



TYPE OF LED : SMD

LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

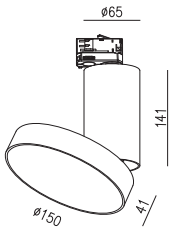
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD (60 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
21 W	18 W	36 Vdc	500 mA	80	3 000 K	1 604 lm

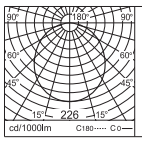
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

Abaco-S SMD TYPE



DDC-65200 SMD 21 W

21 W / 3 000 K

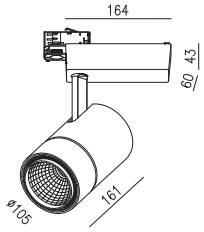


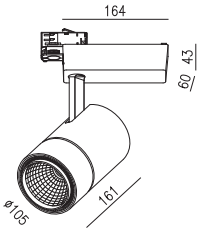
h(m)	E(lx)	D(mm)
		107.7°
1	589	2737
2	147	5473
3	65	8210

MANGO LED ACCENT LIGHT

Mango

DDC-65141 Series



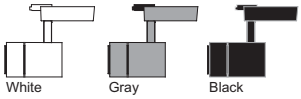


DDC-65141 SERIES

DDC-65141 COB 28 W DDC-65142 COB 45W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

INSTALLATION
On 1 or 3 circuit track (PC)

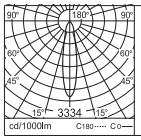
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65141							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	20.4°	2 696 lm
						35.3°	2 701 lm
DDC-65142							
45 W	41 W	36 Vdc	1 150 mA	80	3 000 K	24.3°	4 186 lm
						37.0°	4 221 lm

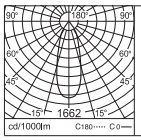
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

DDC-65141 28 W / 3 000 K

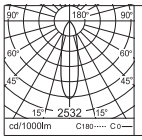


h(m)	E(lx)	D(mm)
		20.4°
1	12253	359
2	3063	719
3	1361	1078

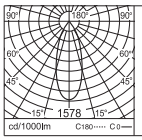


h(m)	E(lx)	D(mm)
		35.3°
1	6106	636
2	1527	1272
3	678	1907

DDC-65142 45 W / 3 000 K



h(m)	E(lx)	D(mm)
		24.3°
1	14682	430
2	3670	860
3	1631	1290



h(m)	E(lx)	D(mm)
		37.0°
1	9150	670
2	2288	1339
3	1017	2009

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

C-SPINE LED ACCENT LIGHT

C-spine
ACCENT LIGHTS

C-Spine
ø 60

DDC-65160.01
P.82

DDC-65160.01-02
P.83

DDC-65160.02
P.84

DDC-65160.06
P.85

DDC-65160.07
P.85

C-Spine
ø 81

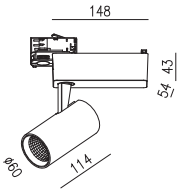
DDC-65170.01 SERIES
P.86

C-Spine
ø 102

DDC-65180.01 SERIES
P.87

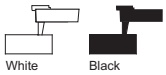
C-spine ø 60

DDC-65160.01



Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt 90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

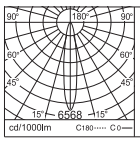
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	34 Vdc	350 mA	80	3 000 K	15.5°	1 450 lm
						28.2°	1 344 lm
						39.5°	1 357 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

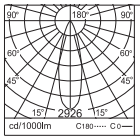
PHOTOMETRIC DATA

3 000 K



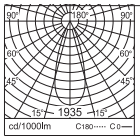
h(m)	E(lx)	D(mm)
		15.5°
1	11133	272
2	2783	544
3	1237	817

3 000 K



h(m)	E(lx)	D(mm)
		28.2°
1	4960	503
2	1240	1006
3	551	1508

3 000 K



h(m)	E(lx)	D(mm)
		39.5°
1	3280	719
2	820	1438
3	364	2157

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

C-spine ø 60

DDC-65160.01-02

ø 70 mm

Recessed Accent Light

TYPE OF LED : COB

90°

355 °

0.6 kg

White

Black

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
Recessed Type

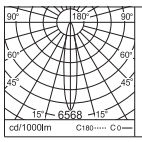
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	34 Vdc	350 mA	80	3 000 K	15.5 °	1 450 lm
						28.2 °	1 344 lm
						39.5 °	1 357 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

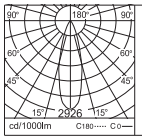
PHOTOMETRIC DATA

3 000 K



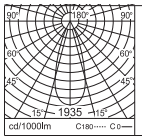
h(m)	E(lx)	D(mm)
		15.5°
1	11133	272
2	2783	544
3	1237	817

3 000 K



h(m)	E(lx)	D(mm)
		28.2°
1	4960	503
2	1240	1006
3	551	1508

3 000 K



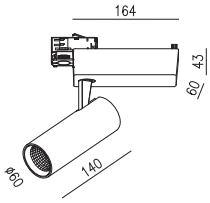
h(m)	E(lx)	D(mm)
		39.5°
1	3280	719
2	820	1438
3	364	2157

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

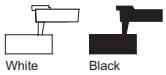
C-spine ø 60

DDC-65160.02



Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

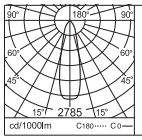
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	27.2 °	2 510 lm
						38.8 °	2 516 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

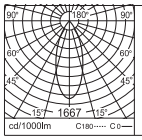
PHOTOMETRIC DATA

3 000 K



h(m)	E(lx)	D(mm)
		27.2 °
1	8054	484
2	2013	968
3	895	1453

3 000 K



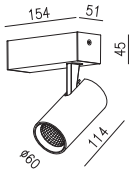
h(m)	E(lx)	D(mm)
		38.8 °
1	5157	705
2	1289	1409
3	573	2114

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

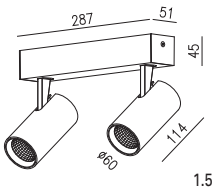
C-spine ø 60

DDC-65160.06 / DDC-65160.07



0.8 kg

DDC-65160.06 COB 14 W



1.5 kg

DDC-65160.07 COB 14 W x 2

Surface Mounted Accent Light

TYPE OF LED : COB

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
Surface Mounted Type

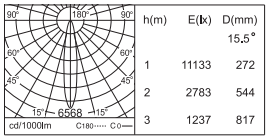
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	34 Vdc	350 mA	80	3 000 K	15.5 °	1 450 lm
						28.2 °	1 344 lm
						39.5 °	1 357 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

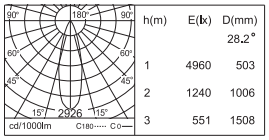
PHOTOMETRIC DATA

3 000 K



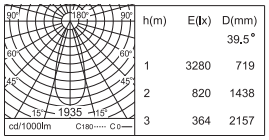
h(m)	E(lx)	D(mm)
		15.5°
1	11133	272
2	2783	544
3	1237	817

3 000 K



h(m)	E(lx)	D(mm)
		28.2°
1	4960	503
2	1240	1006
3	551	1508

3 000 K



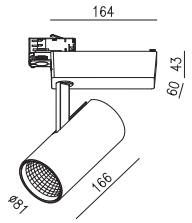
h(m)	E(lx)	D(mm)
		39.5°
1	3280	719
2	820	1438
3	364	2157

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

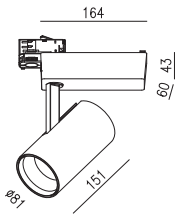
C-spine ø 81

DDC-65170.01 Series



DDC-65170.01 SERIES

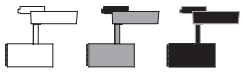
DDC-65170.01 COB 20 W
DDC-65171.01 COB 28 W



LENS type

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver or LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

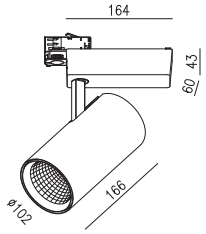
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

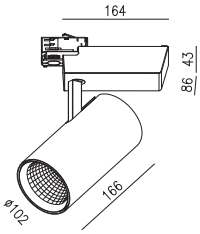
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DDC-65170.01							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65171.01							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm
LENS Type							
DDC-65170.01							
20 W	16W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DDC-65171.01							
27 W	24W	35 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258-259

C-spine ø 102

DDC-65180 Series





DDC-65180 SERIES

DDC-65180 COB 27 W

DDC-65181 COB 44 W

Track Accent Light

TYPE OF LED : COB

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

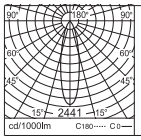
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65180							
27 W	23 W	34 Vdc	700 mA	80	3 000 K	25.1°	2 499 lm
						37.4°	2 573 lm
DDC-65181							
44 W	39 W	34 Vdc	1 150 mA	80	3 000 K	25.2°	3 840 lm
						37.6°	3 923 lm

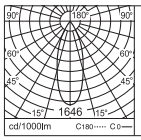
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

DDC-65180 27W / 3,000K

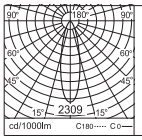


h(m)	E(lx)	D(mm)
		25.1°
1	8118	445
2	2029	891
3	902	1336

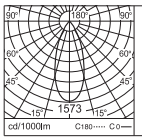


h(m)	E(lx)	D(mm)
		37.4°
1	5472	678
2	1368	1355
3	608	2033

DDC-65181 44W / 3,000K



h(m)	E(lx)	D(mm)
		25.2°
1	12284	447
2	3071	894
3	1365	1341



h(m)	E(lx)	D(mm)
		37.6°
1	8369	681
2	2092	1361
3	930	2042

CCT MULTIPLIERS

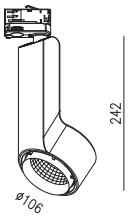
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

UNICO LED ACCENT LIGHT

Unico

Ref.

Lens

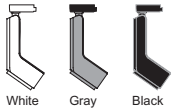


DDC-65190 SERIES

DDC-65190	COB 20 W
DDC-65191	COB 28 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Extrude, Electrostatic Powder Coating (Black only)

MOUNTING RING
Aluminium, Electrostatic Powder Coating (Black only)

REFLECTOR
AL. Anodized Specular Silver or LENS

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DDC-65190							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65191							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm
LENS Type							
DDC-65190							
20 W	16W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DDC-65191							
27 W	24W	35 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258-259

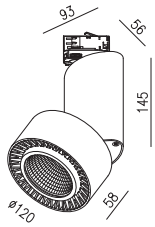
Louver, Honeycomb

IPSE LED ACCENT LIGHT

Ipse

Ref.

Lens

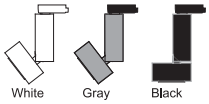


DDC-65240 SERIES

DDC-65240	COB 20 W
DDC-65241	COB 28 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

HEAT SINK
AL. Extrude, Electrostatic Powder Coating (Black only)

MOUNTING RING
Aluminium, Electrostatic Powder Coating (Black only)

REFLECTOR
AL. Anodized Specular Silver or LENS

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

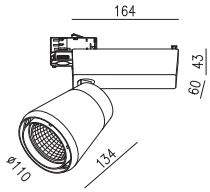
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DDC-65240							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65241							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm
LENS Type							
DDC-65240							
20 W	16W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DDC-65241							
27 W	24W	35 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258-259

Louver, Honeycomb

CONIC LED ACCENT LIGHT

Conic

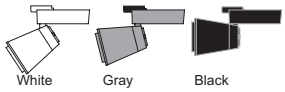


DDC-65250 SERIES

DDC-65250	COB 20 W
DDC-65251	COB 28 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65250							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65251							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA >>> page 258

Louver, Honeycomb

FOCUS LED ACCENT LIGHT

Focus

LENS SPOT / ACCENT LIGHTS

21 W

DDC-65070.03

ACCESSORY

ACC-01 Shaper
Control of light shape and size

ACC-02 Metal Gobo
Control of light shape and size

28 W

DDC-65260

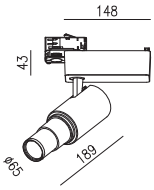
ACCESSORY

ACC-01 Shaper
Control of light shape and size

ACC-02 Iris Gobo
Control of light shape and size

Focus

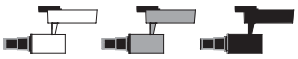
DDC-65070.03



DDC-65070.03 COB 18 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
PC (Vacuum Coating) & LENS

MOUNTING RING
Aluminium, Electrostatic Powder Coating

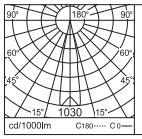
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
21 W	18 W	36 Vdc	500 mA	80	3 000 K	20.2~29.2 °	
					Zoom IN	20.2 °	259 lm
					Zoom OUT	29.0 °	366 lm

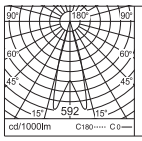
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Zoom IN

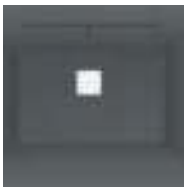


h(m)	E(lx)	D(mm)
		20.2°
1	2253	356
2	563	712
3	250	1068

Zoom OUT



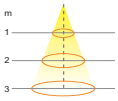
h(m)	E(lx)	D(mm)
		29.0°
1	1294	517
2	324	1034
3	144	1552



ACC-01 Shaper
Control of light shape and size

ACC-02 Metal Gobo
Control of light quantity and size

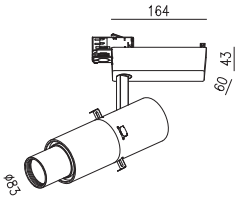
ø10 / ø15



h (m)	Metal Gobo ø10 (8.4 °)		Metal Gobo ø15 (13.1 °)	
	D(mm)	E(lx)	D(mm)	E(lx)
1	147	2 472	229	2 430
2	294	618	458	608
3	441	275	686	270

Focus

DDC-65260



DDC-65260 COB 28 W

Track Accent Light

TYPE OF LED : COB

LED HOUSING & HEAT SING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC & LENS

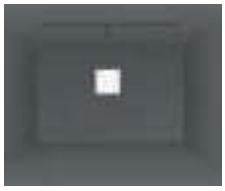
MOUNTING RING
Aluminium, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

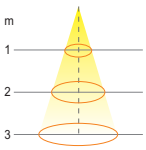
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	24 W	35 Vdc	700 mA	80	3 000 K	609 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



ACC-01 Shaper
Control of light shape and size

ACC-02 Iris Gobo
Control of light quantity and size



h (m)	Iris IN Ø4 mm _5.8°		Iris IN Ø12 mm _7.7°		Iris Ø20 mm _10.7°		Iris Ø28 mm _14.7°		Iris Ø35 mm _19.4°	
	D(mm)	E(lx)	D(mm)	E(lx)	D(mm)	E(lx)	D(mm)	E(lx)	D(mm)	E(lx)
1	_	449	135	3 801	188	5 943	258	6 022	342	6 168
2	_	112	269	950	376	1 486	515	1 505	684	1 542
3	_	50	404	422	564	660	773	669	1 026	685

SMOOTH LED ACCENT LIGHT

LED ACCENT LIGHT
TYPE OF LED : COB -> PAGE. 100

LED ACCENT LIGHT
TYPE OF LED : SMD -> PAGE. 101

LED PENDANT LIGHT
TYPE OF LED : SMD -> PAGE.340

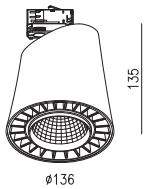
Smooth

LED ACCENT LIGHT

Carlo Tamborini

Smooth COB TYPE

Ref.

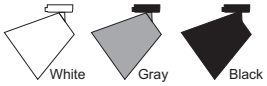


DDC-65290.01 SERIES

DDC-65290.01	COB 20 W
DDC-65291.01	COB 28 W

Track Accent Light

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver or LENS

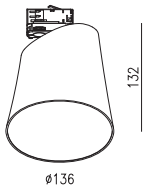
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65290.01							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DDC-65291.01							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258

Smooth SMD TYPE

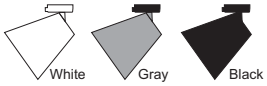


Track Accent Light

DDC-65290.02 SMD 19 W

SMOOTH SERIES page. 341
Pendants

TYPE OF LED : SMD



HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

COVER
PC

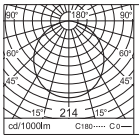
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	SMD (55 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
19 W	16 W	33 Vdc	500 mA	80	3 000 K	1 469 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

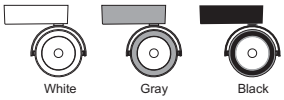
3 000 K



h(m)	E(lx)	D(mm)
		107.8°
1	541	2745
2	135	5489
3	60	8234

PEACH LED ACCENT LIGHT

TYPE OF LED : LED LAMP



LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting & AL. Extrude, Electrostatic Powder Coating

TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

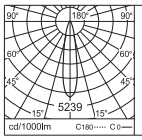
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC 65301							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4 °	2 787 lm
						35.5 °	2 669 lm
DDC 65302							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4 °	4 571 lm
						39.2 °	4 343 lm

LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

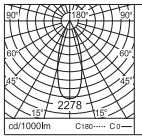
Medium

Wide

DDC-65301 28 W / 3 000 K

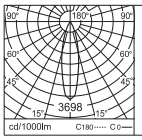


h(m)	E(lx)	D(mm)
		20.4°
1	14460	360
2	3615	719
3	1607	1079

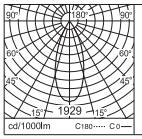


h(m)	E(lx)	D(mm)
		35.5°
1	6036	640
2	1509	1280
3	671	1919

DDC-65302 40 W / 3 000 K



h(m)	E(lx)	D(mm)
		23.4°
1	16826	415
2	4206	830
3	1870	1245



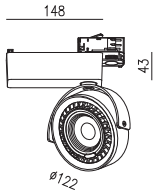
h(m)	E(lx)	D(mm)
		39.2°
1	8370	713
2	2092	1425
3	930	2138

Peach LED LAMP Type

Track Accent Light

DDC-65301 LED LAMP 28 W x 1

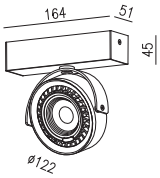
DDC-65302 LED LAMP 40 W x 1



Surface Mounted Accent Light

DDC-65311 LED LAMP 28 W x 1

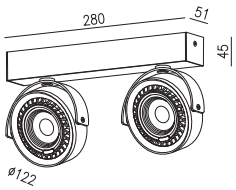
DDC-65312 LED LAMP 40 W x 1



Surface Mounted Accent Light

DDC-65321 LED LAMP 28 W x 2

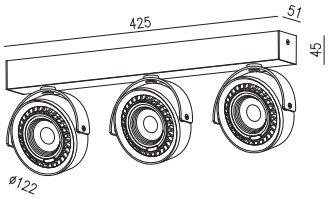
DDC-65322 LED LAMP 40 W x 2



Surface Mounted Accent Light

DDC-65331 LED LAMP 28 W x 3

DDC-65332 LED LAMP 40 W x 3



ROLL LED ACCENT LIGHT

Roll

TRACK ACCENT LIGHTS

Roll
ø 65 X 135 mm

DDC-65340.01
P.108

DDC-65340.02
P.108

DDC-65340.03
P.109

DDC-65340.04
P.109

Roll
ø 65 X 165 mm

DDC-65341.01
P.110

DDC-65341.02
P.110

DDC-65341.04
P.111

DDC-65341.06
P.111

Roll
ø 66 X 173 mm

NEW

DDC-65342.01
P.112

NEW

DDC-65342.06
P.113

Roll
ø 71 mm

DDC-65070.05
P.114

Roll
ø 83 mm

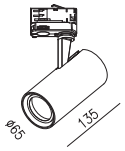
DDC-65170.05 SERIES
P.115

NEW

DDC-65170.06 SERIES
P.115

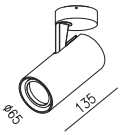
Roll ø 65 x 135 mm

Track Accent Light



DDC-65340.01 LED LAMP 4.6W

Surface Mounted Tilt Accent Light



DDC-65340.02 LED LAMP 4.6W

TYPE OF LED : LED LAMP

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

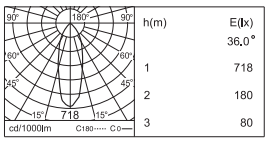
INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Tilt Accent Type
Surface Mounted Type
Recessed Accent Type

TYPE OF LED	LED LAMP (GU10) 4.6 W
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

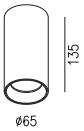
INPUT POWER	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
4.6 W	80	2 700 K	36.0°	395 lm

MAINTENANCE OF LUMEN -L80	30 000 hours at 25 ℃
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	3 000 K / 2 700 K

2 700 K

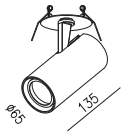


Surface Mounted Accent Light



DDC-65340.03 LED LAMP 4.6W

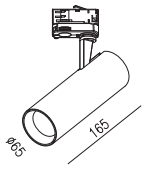
Recessed Accent Light



DDC-65340.04 LED LAMP 4.6W

Roll ø 65 x 165 mm

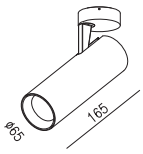
Track Accent Light



DDC-65341.01

COB 20 W, LED LAMP 15 W

Surface Mounted Tilt Accent Light



DDC-65341.02

COB 20 W, LED LAMP 15 W

TYPE OF LED : COB

LED LAMP

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Tilt Accent Type
Recessed Accent Type

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	18 W	35 Vdc	500 mA	80	3 000 K	15.8°	2 008 lm
						28.1°	1 818 lm
						40.0°	1 810 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

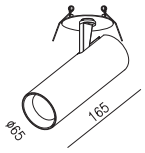
TYPE OF LED	LED LAMP (CN50-COB)
INPUT VOLTAGE	220-240V AC , 50-60Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	37 Vdc	350 mA	80	3 000 K	26.0°	1 387 lm
						36.9°	1 363 lm

LED LIFETIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

Magnet

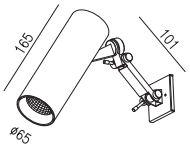
Recessed Accent Light



DDC-65341.04

COB 20 W, LED LAMP 15 W

Surface Mounted Tilt Accent Light

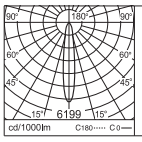


DDC-65341.06

COB 20 W, LED LAMP 15 W

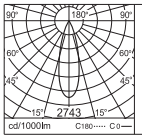
COB 20 W

3 000 K



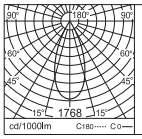
h(m)	E(lx)	D(mm)
		15.8°
1	15112	278
2	3778	555
3	1679	833

3 000 K



h(m)	E(lx)	D(mm)
		28.1°
1	6687	501
2	1672	1001
3	743	1502

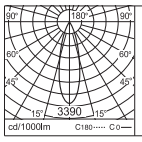
3 000 K



h(m)	E(lx)	D(mm)
		40.0°
1	4310	728
2	1078	1457
3	479	2185

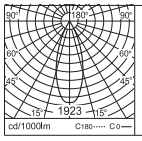
LED LAMP 15 W

3 000 K



h(m)	E(lx)	D(mm)
		26.0°
1	4848	462
2	1212	924
3	539	1386

3 000 K



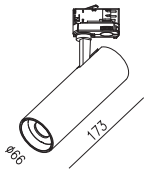
h(m)	E(lx)	D(mm)
		36.9°
1	2616	667
2	654	1335
3	291	2002

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Roll ø 66 x 173 mm

Track Accent Light



DDC-65342.01 NEW COB 23 W

TYPE OF LED : COB

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

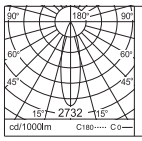
INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Tilt Accent Type

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	26.2 °	2 378 lm
						34.6 °	2 332 lm
						48.9 °	2 502 lm

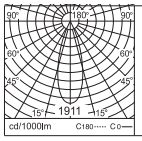
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



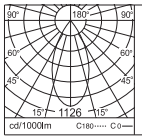
h(m)	E(lx)	D(mm)
		26.2°
1	8407	466
2	2102	931
3	934	1397

3 000 K



h(m)	E(lx)	D(mm)
		34,6°
1	5881	623
2	1470	1245
3	653	1868

3 000 K



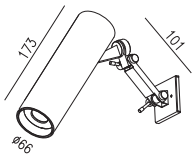
h(m)	E(lx)	D(mm)
		48.9°
1	3465	910
2	866	1820
3	385	2730

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Roll ø 66 x 173 mm

Surface Mounted Tilt Accent Light



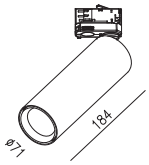
DDC-65342.06 NEW COB 23 W

Roll ø 71 mm

White

Black

Track Accent Light



DDC-65070.05 COB 24 W

TYPE OF LED : COB

White

Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 90°)

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

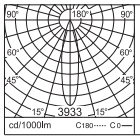
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
24 W	21 W	35 Vdc	600 mA	80	3 000 K	23.5°	2 610 lm
						31.0°	2 623 lm
						47.2°	2 675 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

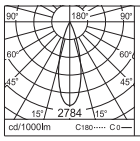
PHOTOMETRIC DATA

3,000K



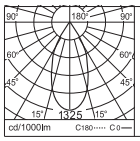
h(m)	E(lx)	D(mm)
		23.5°
1	11667	417
2	2917	833
3	1296	1250

3,000K



h(m)	E(lx)	D(mm)
		31.0°
1	8258	555
2	2064	1111
3	918	1666

3,000K



h(m)	E(lx)	D(mm)
		47.2°
1	3928	873
2	982	1746
3	436	2619

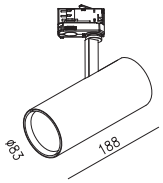
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Roll ø 83 mm

Magnet

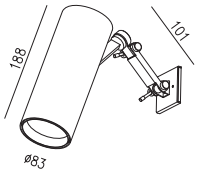
Track Accent Light



DDC-65170.05 SERIES

DDC-65170.05	COB 20 W
DDC-65171.05	COB 27 W
DDC-65172.05	COB 36 W

Surface Mounted Tilt Accent Light



DDC-65170.06 SERIES

DDC-65170.06	COB 20 W
DDC-65171.06	COB 27 W
DDC-65172.06	COB 36 W

TYPE OF LED : COB

White

Black

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)
Surface Mounted Tilt Accent Type

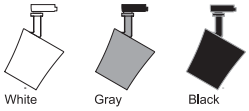
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65170.05 / DDC-65170.06							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DDC-65171.05 / DDC-65171.06							
27 W	24 W	34 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm
DDC-65172.05 / DDC-65172.06							
36 W	32 W	35 Vdc	900 mA	80	3 000 K	20.4 °	3 455 lm
						28.9 °	3 562 lm
						46.1 °	3 600 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 259

AIRWAY LED ACCENT LIGHT

TYPE OF LED : COB



LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

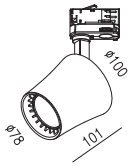
INSTALLATION
On 1 or 3 circuit track (PC)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

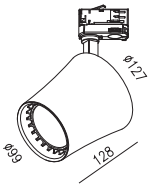
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDC-65360							
20 W	17 W	34 Vdc	500 mA	80	3 000 K	24.5°	1 844 lm
						30.5°	2 169 lm
						46.3°	2 212 lm
DDC-65361							
27 W	24 W	34 Vdc	700 mA	80	3 000 K	20.0°	2 993 lm
						30.7°	3 086 lm
						50.9°	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Airway



DDC-65360 COB 20 W



DDC-65361 COB 27 W

Track Accent Light

CCT MULTIPLIERS

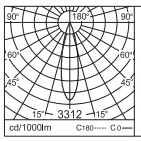
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Medium

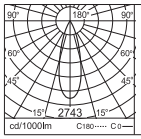
Wide

Wide

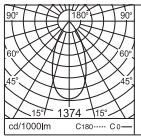
DDC-65360 20 W / 3 000 K



h(m)	E(lx)	D(mm)
		24.5°
1	8070	435
2	2018	869
3	897	1304

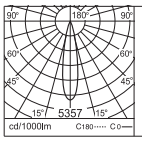


h(m)	E(lx)	D(mm)
		30.5°
1	6685	546
2	1671	1092
3	743	1638

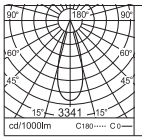


h(m)	E(lx)	D(mm)
		46.3°
1	3347	856
2	837	1712
3	372	2568

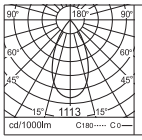
DDC-65361 27 W / 3 000 K



h(m)	E(lx)	D(mm)
		20.0°
1	19542	353
2	4885	706
3	2171	1059



h(m)	E(lx)	D(mm)
		30.7°
1	12189	549
2	3047	1098
3	1354	1646



h(m)	E(lx)	D(mm)
		50.9°
1	4061	952
2	1015	1904
3	451	2857

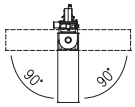
QUATTRO-S LED ACCENT LIGHT

- White
- Black
- Gray

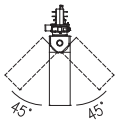
TYPE OF LED : POWER LED

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle

* 2P (1 CIRCUIT TRACK)



* 4P (3 CIRCUIT TRACK)



REFLECTOR
LENS

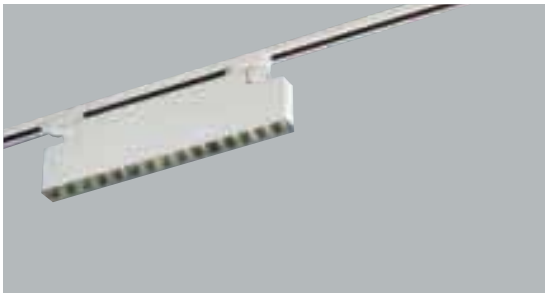
GEAR BOX
AL. Extrude, Electrostatic Powder Coating

HINGE
AL. Die-Casting, Electrostatic Powder Coating

INSTALLATION
On 1 or 3 circuit track (PC)

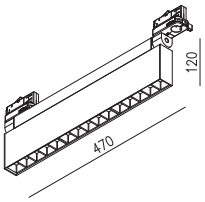
TYPE OF LED			POWER LED			
INPUT VOLTAGE			220-240V AC , 50 / 60Hz			
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DDC-65510						
36 W	32 W	45 Vdc	700 mA	80	3 000 K	2 624 lm
DDC-65520						
41 W	35 W	30 Vdc	1 150 mA	80	3 000 K	2 985 lm
DDC-65530						
66 W	57 W	46Vdc	1 250 mA	80	3 000 K	4 825 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

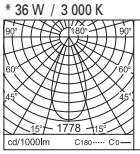


DDC-65510

POWER LED (15 LED) 36 W



* 36 W / 3 000 K

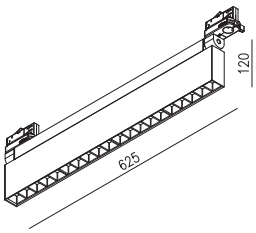


h(m)	E(lx)	D(mm)
		42.7°
1	4935	782
2	1234	1563
3	548	2345

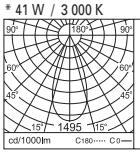
W 1.6 kg

DDC-65520

POWER LED (20 LED) 41 W



* 41 W / 3 000 K

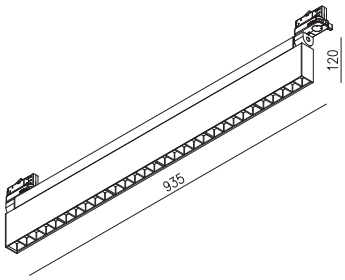


h(m)	E(lx)	D(mm)
		43.1°
1	5634	789
2	1408	1579
3	626	2368

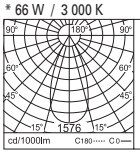
W 2.0 kg

DDC-65530

POWER LED (30 LED) 66 W



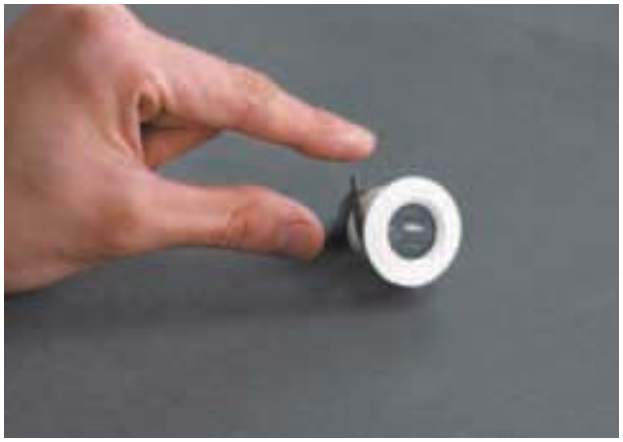
* 66 W / 3 000 K



h(m)	E(lx)	D(mm)
		45.0°
1	8569	829
2	2142	1658
3	952	2487

W 2.6 kg

MINY LED DOWN LIGHT



TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Extrude, Electrostatic Powder Coating

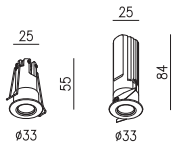
ACCESSORY
LENS

*OPTION **IP54**

TYPE OF LED : POWER LED

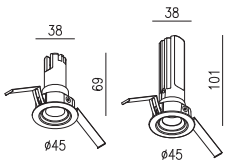
White Gray Black

DD-11000	3W
DD-11001	8W



0.1 kg
ø 27 mm

DD-11010	3W
DD-11011	8W



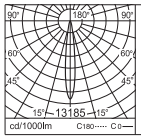
0.1 kg
ø 40 mm

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

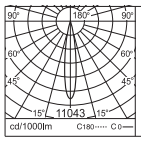
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-11000 / DD-11010							
3 W	2 W	3 Vdc	700 mA	90	3 000 K	11.4 °	135 lm
						15.8 °	137 lm
						26.5 °	139 lm
						36.2 °	137 lm
						40.9 °	126 lm
DD-11001 / DD-11011							
8 W	6 W	12 Vdc	500mA	90	3 000 K	13.3 °	346 lm
						17.2 °	352 lm
						26.2 °	354 lm
						35.3 °	351 lm
						42.5 °	332 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

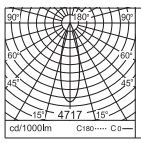
* 3 W / 3 000 K



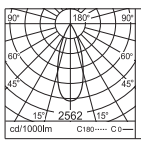
h(m)	E(lx)	D(mm) 11.4°
1	1688	200
2	422	400
3	188	600



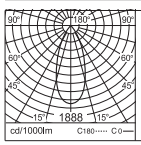
h(m)	E(lx)	D(mm) 15.8°
1	1414	278
2	353	555
3	157	833



h(m)	E(lx)	D(mm) 26.5°
1	604	472
2	151	944
3	67	1415

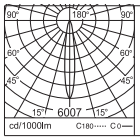


h(m)	E(lx)	D(mm) 36.2°
1	328	655
2	82	1309
3	36	1964

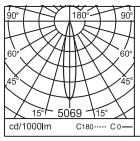


h(m)	E(lx)	D(mm) 40.9°
1	242	747
2	60	1493
3	27	2240

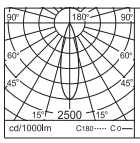
* 8 W / 3 000 K



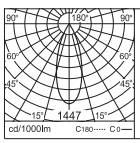
h(m)	E(lx)	D(mm) 13.3°
1	3562	233
2	890	467
3	396	700



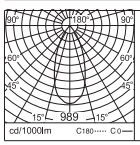
h(m)	E(lx)	D(mm) 17.2°
1	3006	302
2	752	604
3	334	906



h(m)	E(lx)	D(mm) 26.2°
1	1482	465
2	371	929
3	165	1394



h(m)	E(lx)	D(mm) 35.3°
1	858	635
2	214	1271
3	95	1906



h(m)	E(lx)	D(mm) 42.5°
1	587	777
2	147	1554
3	65	2331

whisper in eyes

NON GLARE REFLECTOR

TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Extrude, Electrostatic Powder Coating

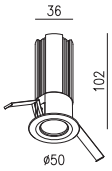
REFLECTOR
ABS (Chrome) _Non Glare Refelctor

TYPE OF LED : POWER LED

non glare

White Gray Black

DD-11020 NEW



0.16 kg

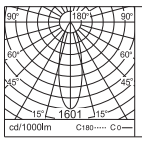
ø 40 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
9 W	7 W	36 Vdc	200 mA	80	3 000 K	446 lm
9 W	7 W	36 Vdc	200 mA	90	4 000 K	404 lm

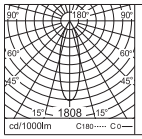
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K / CRI 80



h(m)	E(lx)	D(mm)
		30.5°
1	1332	546
2	333	1092
3	148	1638

4 000 K / CRI 90



h(m)	E(lx)	D(mm)
		28.8°
1	1314	514
2	329	1028
3	146	1541

DONUT LED DOWN LIGHT

Donut

RECESSED COMPACT DOWN LIGHT / ACCENT LIGHT

Hole size Ø 55

DD-12000
P.126

Hole size Ø 75

DD-12020 SERIES
P.129

DD-12030 SERIES
P.131-135

Hole size Ø 85

DD-10271
P.125

Hole size Ø 90

DD-12070
P.141

Hole size Ø 95

DD-10291
P.125

DD-12060
P.140

Hole size Ø 100

DD-10301, 10311, 10321
P.125

DD-12010.02
P.127

DD-12040 SERIES
P.137

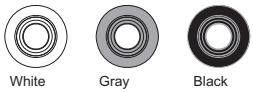
DD-12050 SERIES
P.139

Donut

DD-10271 Series

Recessed Compact Down Light / Accent Light

TYPE OF LED : LED LAMP



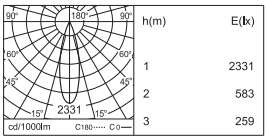
TRIM
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠25 °)

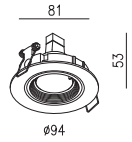
TYPE OF LED	LED MR16
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	40 Vdc	250 mA	80	2 700 K	36.0 °	1 200 lm

LED LIFETIME -L70	35 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	3 000 K / 2 700 K

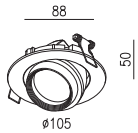


DD-10271 LED MR16 9 W



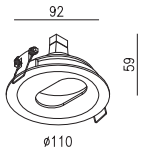
ø 85 mm

DD-10291 LED MR16 9 W



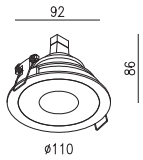
ø 95 mm

DD-10301 LED MR16 9 W



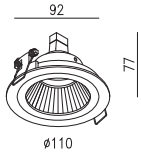
ø 100 mm

DD-10311 LED MR16 9 W



ø 100 mm

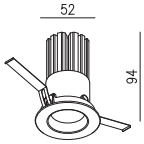
DD-10321 LED MR16 9 W



ø 100 mm

Donut

DD-12000



ø 55 mm

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING & COVER
AL. Extrude, Electrostatic Powder Coating (White, Black)

REFLECTOR
PC (Vacuum Coating)

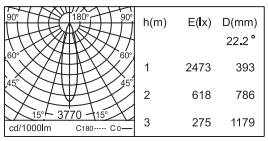
HEAT SINK
AL. Extrude, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

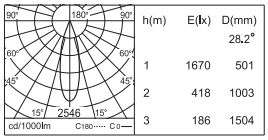
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
7 W	6 W	36 Vdc	160 mA	80	3 000 K	22.2 °	485 lm
						28.2 °	442 lm
						40.5 °	454 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

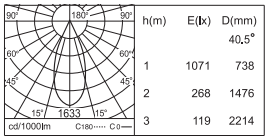
3 000 K



3 000 K



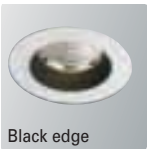
3 000 K



White edge

Silver edge

Gold edge



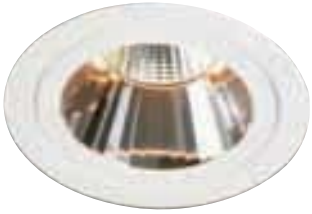
Black edge

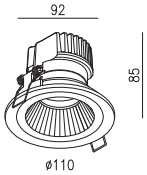
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Donut

DD-12010.02





ø 100 mm

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

0.5 kg

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
INNER : PC (Vacuum Coating)
OUTER : AL. Anodized Specular Silver

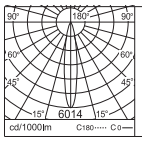
HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	15.9 °	951 lm
						27.5 °	899 lm
						40.0 °	1 000 lm

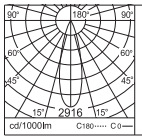
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



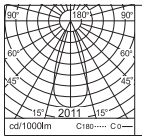
h(m)	E(lx)	D(mm)
		15.9°
1	7259	279
2	1815	557
3	807	836

3 000 K



h(m)	E(lx)	D(mm)
		27.5°
1	3520	490
2	880	979
3	391	1469

3 000 K



h(m)	E(lx)	D(mm)
		40.0°
1	2427	727
2	607	1455
3	270	2182

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Donut

DD-12020 Series

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating) / LENS (PMMA)

MOUNTING COVER
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20°)

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

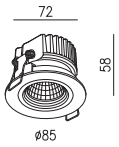
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-12020.01							
10 W	8 W	33 Vdc	250 mA	80	3 000 K	27.1°	910 lm
						37.7°	999 lm
DD-12020.02							
10 W	8 W	33 Vdc	250 mA	80	3 000 K	22.5°	993 lm
						31.4°	982 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

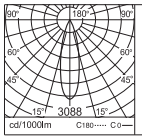
DD-12020.01

COB 10 W



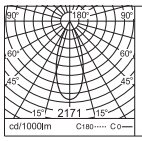
ø 75 mm

3 000 K



h(m)	E(lx)	D(mm)
		27.1°
1	3727	482
2	932	964
3	414	1445

3 000 K



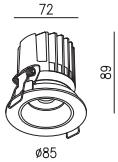
h(m)	E(lx)	D(mm)
		37.7°
1	2621	682
2	655	1364
3	291	2046

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

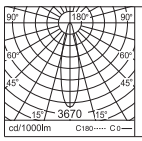
DD-12020.02

COB 10 W, 15 W



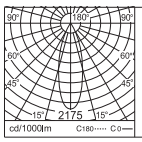
ø 75 mm

3 000 K



h(m)	E(lx)	D(mm)
		22.5°
1	4430	397
2	1108	795
3	492	1192

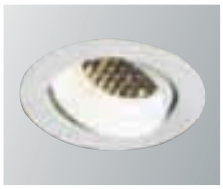
3 000 K



h(m)	E(lx)	D(mm)
		31.4°
1	2625	562
2	656	1123
3	292	1685

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91



Louver, Honeycomb

Donut

DD-12030 Series

Donut

DD-12030.01 / 12030.02

Ref. B
AL. Anodized Silver

Ref. B
AL. Electro Deposition Coating

ø 75 mm

ø 75 mm

Recessed Compact Down Light / Accent Light

DD-12030.01	COB 11 W, 15 W	DD-12030.02	COB 11 W, 15 W

TYPE OF LED : COB

W
0.3 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
INNER : PC (Vacuum Coating)
OUTER : AL. Anodized Specular Silver

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

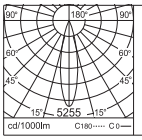
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	35 Vdc	250 mA	80	3 000 K	21.8°	857 lm
						32.2°	732 lm
15 W	13 W	36 Vdc	350 mA	80	3 000 K	21.9°	1 184 lm
						31.3°	1 028 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

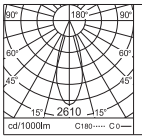
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

11 W 3 000 K

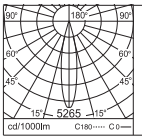


h(m)	E(lx)	D(mm)
		21.8°
1	5307	385
2	1327	770
3	590	1155

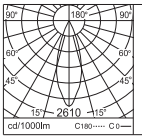


h(m)	E(lx)	D(mm)
		32.2°
1	2636	576
2	659	1153
3	293	1729

15 W / 3 000 K



h(m)	E(lx)	D(mm)
		21.9°
1	7381	387
2	1845	773
3	820	1160



h(m)	E(lx)	D(mm)
		31.3°
1	3845	561
2	961	1122
3	427	1683

Donut

DD-12030.03 / 12030.04

ø 75 mm

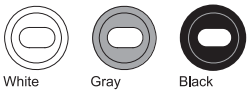
ø 75 mm

Recessed Compact Down Light / Accent Light

DD-12030.03 COB 10 W, 14 W

DD-12030.04 COB 10 W, 14 W

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	17.5 °	588 lm
						21.7 °	541 lm
						30.6 °	648 lm
14W	12 W	34 Vdc	350 mA	80	3 000 K	17.5 °	766 lm
						21.7 °	724 lm
						30.7 °	877 lm

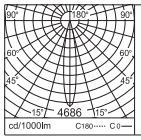
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Narrow

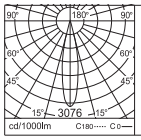
Medium

Wide

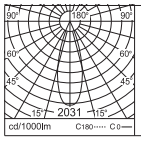
10 W 3 000 K



h(m)	E(lx)	D(mm) 17.5°
1	5655	307
2	1414	614
3	628	922

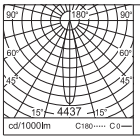


h(m)	E(lx)	D(mm) 21.7°
1	3712	384
2	928	768
3	412	1152

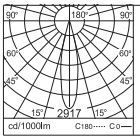


h(m)	E(lx)	D(mm) 30.6°
1	2452	547
2	613	1094
3	272	1641

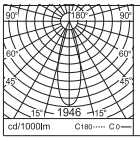
14 W / 3 000 K



h(m)	E(lx)	D(mm) 17.5°
1	7521	308
2	1880	616
3	836	924



h(m)	E(lx)	D(mm) 21.7°
1	4945	384
2	1236	768
3	549	1152



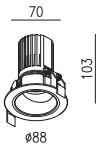
h(m)	E(lx)	D(mm) 30.7°
1	3298	550
2	825	1100
3	366	1650

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Donut

DD-12030.06



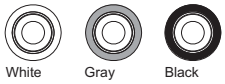
ø 75 mm

Recessed Compact Down Light / Accent Light

DD-12030.06 COB 11 W, 15 W

TYPE OF LED : COB

0.5 kg



TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
INNER : PC (Vacuum Coating)
OUTER : AL. Anodized Specular Silver

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	35 Vdc	250 mA	80	3 000 K	22.8°	850 lm
						29.2°	845 lm
						39.7°	882 lm
15 W	13 W	36 Vdc	350 mA	80	3 000 K	22.8°	1 181 lm
						29.5°	1 200 lm
						39.7°	1 207 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

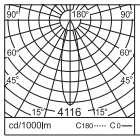
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

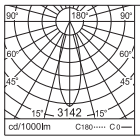
Medium

Wide

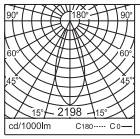
11 W 3 000 K



h(m)	E(lx)	D(mm)
		22.8°
1	4158	403
2	1039	806
3	462	1209

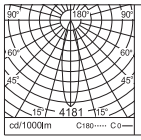


h(m)	E(lx)	D(mm)
		29.2°
1	3153	520
2	788	1040
3	350	1560

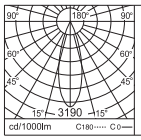


h(m)	E(lx)	D(mm)
		39.7°
1	2220	723
2	555	1445
3	247	2168

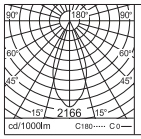
15 W / 3 000 K



h(m)	E(lx)	D(mm)
		22.8°
1	5862	404
2	1465	808
3	651	1212



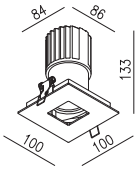
h(m)	E(lx)	D(mm)
		29.5°
1	4473	526
2	1118	1053
3	497	1579



h(m)	E(lx)	D(mm)
		39.7°
1	3037	721
2	759	1442
3	337	2163

Donut

DD-12030.07



90 x 90 mm

Recessed Compact Down Light / Accent Light

DD-12030.07 COB 10 W, 14 W

TYPE OF LED : COB

0.5 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black)

TYPE OF LED	COB						
INPUT VOLTAGE	220-240 Vac , 50/60 Hz						
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	19.1 °	730 lm
						24.5 °	692 lm
						34.2 °	775 lm
14W	12 W	34 Vdc	350 mA	80	3 000 K	19.0 °	962 lm
						23.8 °	857 lm
						34.2 °	1 042 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

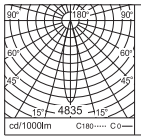
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

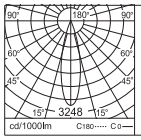
Medium

Wide

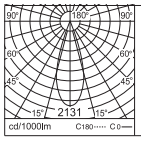
10 W 3 000 K



h(m)	E(lx)	D(mm)
		19.1°
1	5835	336
2	1459	672
3	648	1008

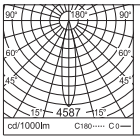


h(m)	E(lx)	D(mm)
		24.5°
1	3920	434
2	980	868
3	436	1302

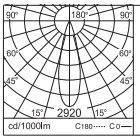


h(m)	E(lx)	D(mm)
		34.2°
1	2572	614
2	643	1229
3	286	1843

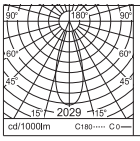
14 W / 3 000 K



h(m)	E(lx)	D(mm)
		19.0°
1	7775	335
2	1944	671
3	864	1006



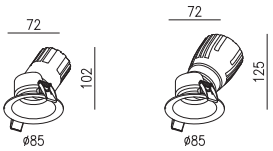
h(m)	E(lx)	D(mm)
		23.8°
1	4950	421
2	1238	843
3	550	1264



h(m)	E(lx)	D(mm)
		34.2°
1	3439	615
2	860	1229
3	382	1844

Donut

DD-12030.08



10 W

14 W, 20 W

ø 75 mm

DD-12030.08 Series NEW

DD-12030.08	COB 10 W
DD-12031.08	COB 14 W, 20 W

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PMMA LENS

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black)

*OPTION **IP44**

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-12030.08							
10 W	8 W	33 Vdc	250 mA	80	3 000 K	22.8°	990 lm
						31.2°	957 lm
DD-12031.08							
14 W	12 W	34 Vdc	350 mA	80	3 000 K	22.3°	1 408 lm
						31.3°	1 376 lm
20 W	18 W	35 Vdc	500 mA	80	3 000 K	22.2°	1 835 lm
						31.4°	1 830 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

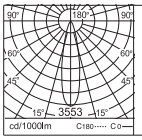
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

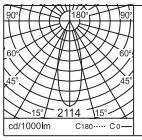
Medium

Wide

10 W / 3 000 K

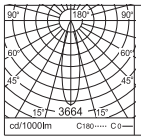


h(m)	E(lx)	D(mm)
		22.8°
1	4289	403
2	1072	806
3	477	1209

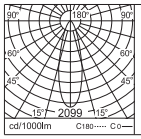


h(m)	E(lx)	D(mm)
		31.2°
1	2551	558
2	638	1115
3	283	1673

14 W / 3 000 K

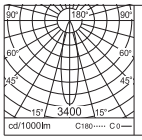


h(m)	E(lx)	D(mm)
		22.3°
1	6210	395
2	1553	789
3	690	1184

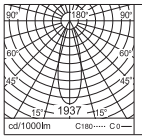


h(m)	E(lx)	D(mm)
		31.3°
1	3557	560
2	889	1120
3	395	1680

20 W / 3 000 K



h(m)	E(lx)	D(mm)
		22.2°
1	8288	392
2	2072	783
3	921	1175



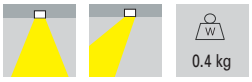
h(m)	E(lx)	D(mm)
		31.4°
1	4723	562
2	1181	1123
3	525	1685

Donut

DD-12040 Series

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
INNER : PC (Vacuum Coating)
OUTER : AL. Anodized Specular Silver

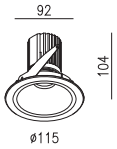
HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

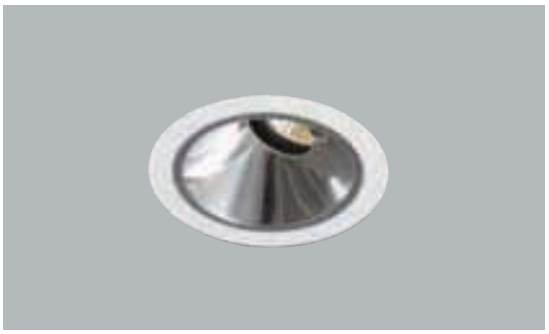
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	17.7 °	376 lm
						21.6 °	315 lm
						32.1 °	518 lm
14 W	12 W	34 Vdc	350 mA	80	3 000 K	18.0 °	497 lm
						22.0 °	427 lm
						32.0 °	691 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

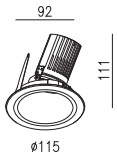
DD-12040.01 COB 10 W, 14 W



ø 100 mm



DD-12040.02 COB 10 W, 14 W



ø 100 mm

CCT MULTIPLIERS

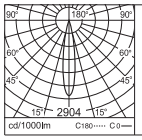
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

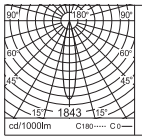
Medium

Wide

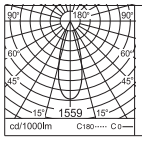
10 W / 3 000 K



h(m)	E(lx)	D(mm)
		17.7°
1	3258	312
2	815	624
3	362	936

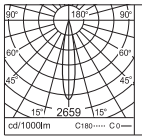


h(m)	E(lx)	D(mm)
		21.6°
1	2068	381
2	517	763
3	230	1144

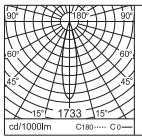


h(m)	E(lx)	D(mm)
		32.1°
1	1749	576
2	437	1151
3	194	1727

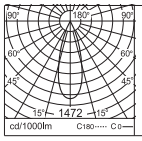
14 W / 3 000 K



h(m)	E(lx)	D(mm)
		18.0°
1	4252	317
2	1063	633
3	472	950



h(m)	E(lx)	D(mm)
		22.0°
1	2771	389
2	693	778
3	308	1168



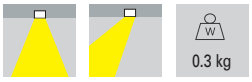
h(m)	E(lx)	D(mm)
		32.0°
1	2353	573
2	588	1147
3	261	1720

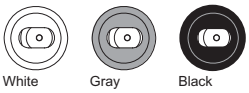
Donut

DD-12050 Series

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB





TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

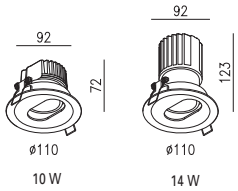
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-12050.01							
10 W	8 W	33 Vdc	250 mA	80	3 000 K	19.7 °	785 lm
						25.6 °	761 lm
						35.7 °	818 lm
14 W	12 W	34 Vdc	350 mA	80	3 000 K	19.5 °	1 066 lm
						25.4 °	1 031 lm
						35.4 °	1 119 lm
DD-12050.02							
10 W	8 W	33 Vdc	250 mA	80	3 000 K	18.6 °	674 lm
						22.5 °	630 lm
						31.7 °	708 lm
14 W	12 W	34 Vdc	350 mA	80	3 000 K	18.4 °	895 lm
						22.4 °	879 lm
						31.6 °	948 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DD-12050.01

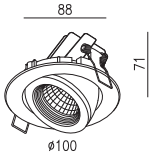
COB 10 W, 14 W



ø 100 mm

Donut

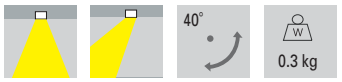
DD-12060



ø 95 mm

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

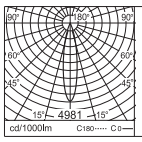
MOUNTING COVER & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠40°)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	9 W	35 Vdc	250 mA	80	3 000 K	20.0 °	1 022 lm
						27.4 °	957 lm
						37.8 °	1 007 lm

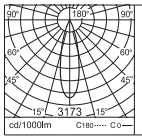
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



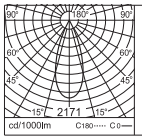
h(m)	E(lx)	D(mm)
		20.0 °
1	6012	353
2	1503	706
3	668	1058

3 000 K



h(m)	E(lx)	D(mm)
		27.4 °
1	3829	488
2	957	976
3	425	1465

3 000 K



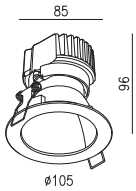
h(m)	E(lx)	D(mm)
		37.8 °
1	2620	686
2	655	1371
3	291	2057

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Donut

DD-12070



ø 90 mm

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

0.3 kg

White

Gray

Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
INNER : PC (Vacuum Coating)
OUTER : ABS, Electro Plating

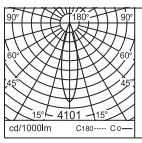
HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	33 Vdc	250 mA	80	3 000 K	23.4 °	949 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		23.4 °
1	4949	414
2	1237	829
3	550	1243

CCT MULTIPLIERS

	CRI 80	**CRI 90**
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

BECCO LED DOWN LIGHT

Becco

DD-12080 Series

Recessed Compact Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠38°)

REFLECTOR
PC (Vacuum Coating)

MOUNTING COVER
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

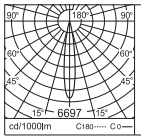
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10W	8W	34V DC	250mA DC	80	3,000K	13.6°	554 lm
						18.9°	484 lm
						26.0°	530 lm
14W	12W	35V DC	350mA DC	80	3,000K	13.5°	733 lm
						19.0°	641 lm
						26.2°	706 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

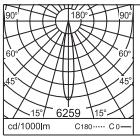
Narrow

10 W / 3 000 K



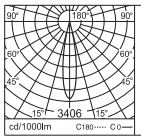
h(m)	E(lx)	D(mm)
		13.6°
1	7849	239
2	1962	477
3	872	716

14 W / 3 000 K

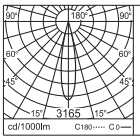


h(m)	E(lx)	D(mm)
		13.5°
1	10396	236
2	2599	473
3	1155	709

Medium

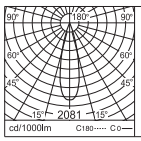


h(m)	E(lx)	D(mm)
		18.9°
1	3991	334
2	998	667
3	443	1001

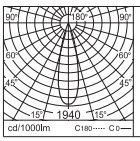


h(m)	E(lx)	D(mm)
		19.0°
1	5258	335
2	1314	669
3	584	1004

Wide



h(m)	E(lx)	D(mm)
		26.0°
1	2439	462
2	610	925
3	271	1387

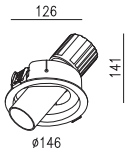


h(m)	E(lx)	D(mm)
		26.2°
1	3222	465
2	805	930
3	358	1395

CCT MULTIPLIERS

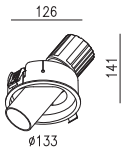
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12080.01 COB 10 W, 14 W

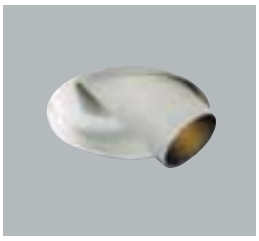


ø 132 mm

DD-12080.02 COB 10 W, 14 W

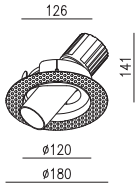


ø 127 mm



DD-12080.03 COB 10 W, 14 W

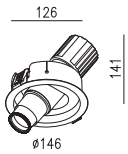
Trimless Down Light



ø 130 mm

DD-12080.04 COB 10 W, 14 W

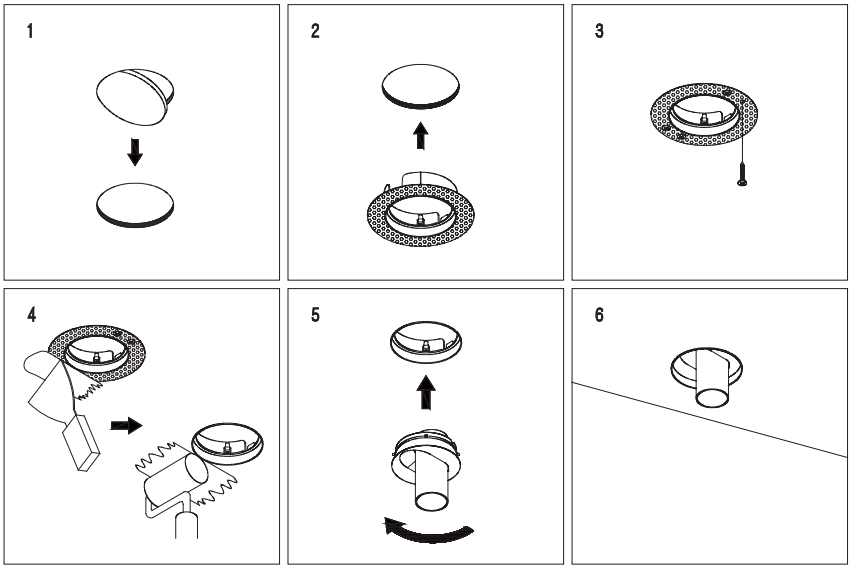
Lens Down Light



ø 132 mm

DD-12080.03 Trimless Down Light

DD-12080.03 MOUNTING INSTRUCTION



whisper in eyes

Non Glare Reflector

	Adjustable	General	Wall Washer
Murly mini			
DD-12090 Series	DD-12090.03 p.150	DD-12090 p.148	DD-12090.02 p.149
DD-12100 Series	DD-12100.01 p.152 DD-12100.02 p.153 DD-12100.03 p.153 DD-12100.04 p.154 DD-12100.05 p.155 DD-12100.07 p.156		DD-12100.08 p.157
Murly			
DD-26530 Series	DD-26530.01 p.216 DD-26530.04 p.217	DD-26530.02 p.216	DD-26530.03 p.217
DD-26540 Series	DD-26540.01 p.218 DD-26540.04 p.219	DD-26540.02 p.219	
DD-26510 Series	DD-26510.02 p.214		
DD-26520	DD-26520 p.215		

Murly Mini DD-12090 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

*OPTION **IP54**

TYPE OF LED : COB

White Gray Black

DD-12090

0.2 kg

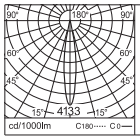
ø 67 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
8 W	7 W	37 Vdc	180 mA	95	3 000 K	16.2 °	401 lm
						27.2 °	378 lm
						42.9 °	409 lm

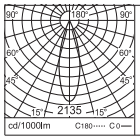
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



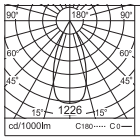
h(m)	E(lx)	D(mm)
		16.2°
1	3050	285
2	763	571
3	339	856

3 000 K



h(m)	E(lx)	D(mm)
		27.2°
1	1576	484
2	394	968
3	175	1452

3 000 K



h(m)	E(lx)	D(mm)
		42.9°
1	904	786
2	226	1571
3	100	2357

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

TYPE OF LED : COB

White Gray Black

DD-12090.02 NEW

0.2 kg

ø 67 mm

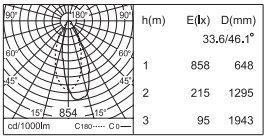
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	37 Vdc	250 mA	80	3 000 K	33.6 ° / 46.1 °	566 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91



Murly Mini DD-12090 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Adjustable Angle (Tilt ∠30°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

TYPE OF LED : COB

non glare

White Gray Black

DD-12090.03 NEW

0.2 kg

ø 67 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	35 Vdc	250 mA	80	3 000 K	20.4°	526 lm
						25.5°	545 lm
						36.2°	638 lm
15 W	13 W	36 Vdc	350 mA	80	3 000 K	20.3°	687 lm
						25.9°	718 lm
						36.3°	833 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

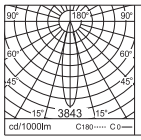
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

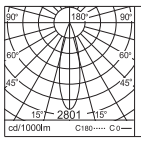
Medium

Wide

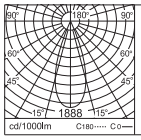
11 W / 3 000 K



h(m)	E(lx)	D(mm)
		20.4°
1	3882	360
2	970	719
3	431	1079

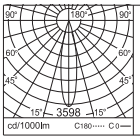


h(m)	E(lx)	D(mm)
		25.5°
1	2829	453
2	707	906
3	314	1359

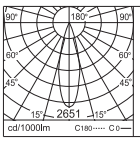


h(m)	E(lx)	D(mm)
		36.2°
1	1907	653
2	477	1306
3	212	1959

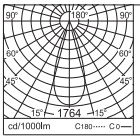
15 W / 3 000 K



h(m)	E(lx)	D(mm)
		20.3°
1	5044	357
2	1261	715
3	560	1072



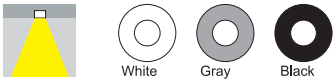
h(m)	E(lx)	D(mm)
		25.9°
1	3716	461
2	929	922
3	413	1382



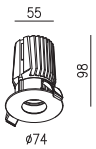
h(m)	E(lx)	D(mm)
		36.3°
1	2473	656
2	618	1311
3	275	1967

TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating



DD-12090.04 NEW



0.2 kg

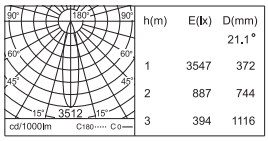
ø 67 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

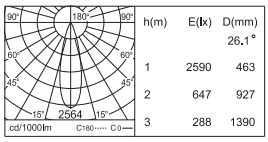
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	35 Vdc	250 mA	80	3 000 K	21.1 °	509 lm
						26.0 °	517 lm
						36.1 °	604 lm

OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

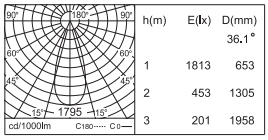
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly Mini DD-12100 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30˚)

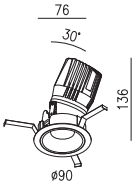
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

non glare

White Gray Black

DD-12100.01



0.3 kg

ø 80 mm

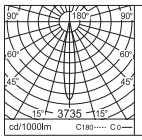
TYPE OF LED : COB

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	15.2°	362 lm
						20.7°	324 lm
						30.5°	523 lm

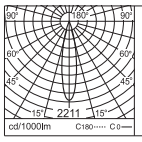
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



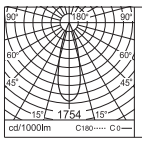
h(m)	E(lx)	D(mm)
		15.2°
1	4190	267
2	1048	533
3	466	800

3 000 K



h(m)	E(lx)	D(mm)
		20.7°
1	2480	365
2	620	729
3	276	1094

3 000 K

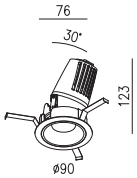


h(m)	E(lx)	D(mm)
		30.5°
1	1968	544
2	492	1089
3	219	1633

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12100.02



0.3 kg

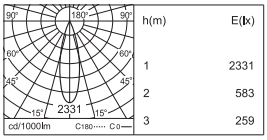
ø 80 mm

TYPE OF LED : LED LAMP

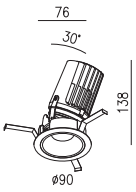
TYPE OF LED	LED MR16
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	40 Vdc	250 mA	80	2 700 K	36.0 °	1 200 lm

LED LIFETIME -L70	35 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	3 000 K / 2 700 K



DD-12100.03



0.3 kg

ø 80 mm

TYPE OF LED : COB

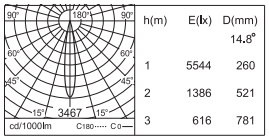
*OPTION **IP54**

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

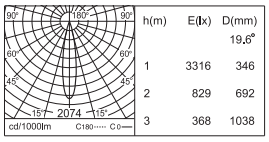
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	35 Vdc	350 mA	80	3 000 K	14.8 °	440 lm
						19.6 °	392 lm
						28.5 °	571 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

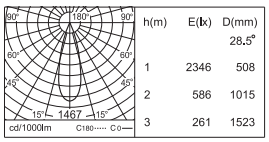
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly Mini DD-12100 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

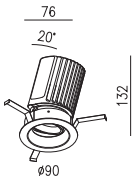
REFLECTOR
ABS (Chrome) _Non Glare Refelctor

*OPTION **IP44**

TYPE OF LED : COB

White Gray Black

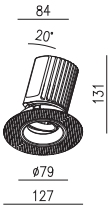
DD-12100.04 NEW



0.8 kg

ø 80 mm

DD-12100.04-02 NEW



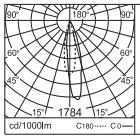
ø 85 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
24 W	21 W	36 Vdc	600 mA	80	3 000 K	20.7° / 21.5°	1 226 lm
						25.1° / 24.4°	1 309 lm
						38.6° / 36.8°	1 660 lm

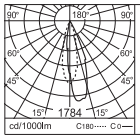
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



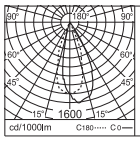
h(m)	E(lx)	D(mm)
		20.7/21.5°
1	5411	316
2	1353	632
3	601	948

3 000 K



h(m)	E(lx)	D(mm)
		25.1/24.4°
1	5398	399
2	1350	797
3	600	1196

3 000 K

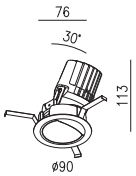


h(m)	E(lx)	D(mm)
		38.6/36.8°
1	4166	665
2	1042	1329
3	463	1994

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12100.05 NEW



0.3 kg

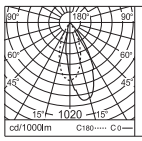
ø 80 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	34.2 ° / 41.3 °	747 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		34.2/41.3°
1	1240	574
2	310	1148
3	138	1722

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly Mini DD-12100 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30°)

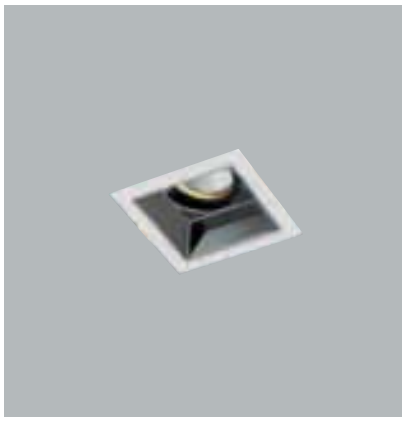
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

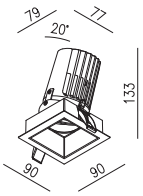
*OPTION **IP44**

TYPE OF LED : COB

White Gray Black



DD-12100.07 NEW

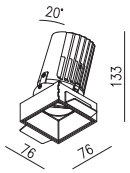


0.5 kg
84 x 84 mm

TYPE OF LED	COB						
INPUT VOLTAGE	220-240 Vac , 50/60 Hz						
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	35 Vdc	350 mA	80	3 000 K	15.6°	999 lm
						25.3°	890 lm
						37.4°	986 lm

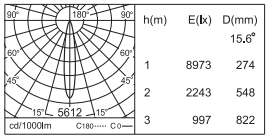
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DD-12100.07-02 NEW

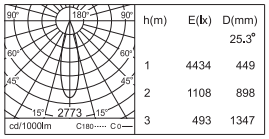


0.5 kg
77 x 77 mm

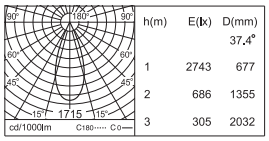
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

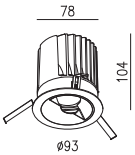
TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

DD-12100.08 NEW



0.2 kg

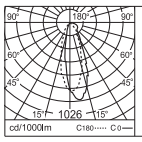
ø 83 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	12 W	34 Vdc	350 mA	80	3 000 K	30.4° / 34.9°	921 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
	30.4/34.9°	
1	1631	550
2	408	1100
3	181	1649

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly Mini DD-12110

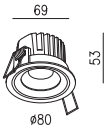
TRIM
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

*OPTION **IP54**

TYPE OF LED : COB

DD-12110



0.2 kg

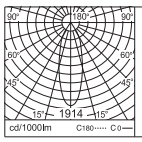
ø 74 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000K	1 008 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA



h(m)	E(lx)	D(mm)
		34.5°
1	2243	622
2	561	1244
3	249	1866

CCT MULTIPLIERS

	CRI 80	**CRI 90**
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

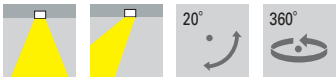
PALLA LED DOWN LIGHT

This Palla series downlights has flexible way
for different step of lighting source
which is very useful for place where need non glare area.
And also adjustable function angle option
can be focus on direction that lights is needed.

PALLA 시리즈는 광원의 높낮이를 단계별(1,2,3단계) 조절이 가능하고
회전 및 각도 조절이 용이하여 원하는 곳에 빛을 조사할 수 있다.

1ST STEP POSITION OF LIGHT SOURCE
_광원이 조명기구 안쪽에 있는 1단계
Light source is located in deep inside of lighting fixture.

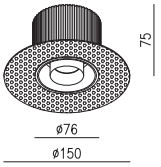
2ND STEP POSITION OF LIGHT SOURCE
_광원이 조명기구 중간 위치에 있는 2단계
Light source is located in middle position of lighting fixture.



Trimless Recessed Down Light

ADJUSTABLE RING	Aluminium, Electrostatic Powder Coating
HOUSING	AL. Extrude, Electrostatic Powder Coating
HEAT SINK	AL. Extrude, Electrostatic Powder Coating
Color Rendering Index	80, 90
Color Temperature	3 000 K / 4 000 K

DD-12120 NEW

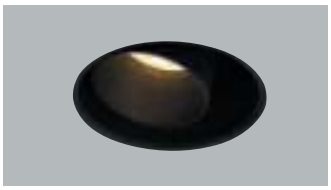


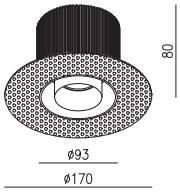
ø 83 mm

TYPE OF LED : POWER LED

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER(W)	7 W
OUTPUT POWER(W)	5 W
LUMINOUS FLUX (lm)	451 lm
OUTPUT VOLTAGE (norminal)	12 Vdc
OUTPUT CURRENT (mA)	450 mA

DD-12130 NEW





ø 100 mm

TYPE OF LED : LED LAMP

TYPE OF LED	LED LAMP (CN50-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER(W)	15 W
OUTPUT POWER(W)	13 W
LUMINOUS FLUX (lm)	1 387 lm
OUTPUT CURRENT (mA)	350 mA

3RD STEP POSITION OF LIGHT SOURCE
_광원이 조명기구 가장자리에 있는 3단계
Light source is located in edge of lighting fixture.

ADJUSTABLE ANGLE (TILT 20)
_각도조절 가능
Adjustable angle light is possible where necessory

DOT LED DOWN LIGHT

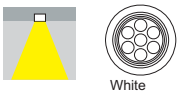
Dot DD-12100.00

TRIM
PC, Urethane Coating

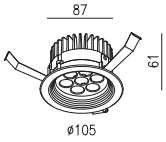
HEAT SINK
AL. Die-Casting, Electro Deposition Coating

ACCESSORY
LENS

TYPE OF LED : POWER LED



DD-12100.00



0.7 kg

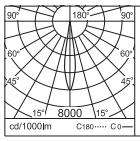
ø 90 mm

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	7 W	20 Vdc	350 mA	80	3 000 K	15.2 °	709 lm
						23.4 °	664 lm
						32.4 °	639 lm
						43.6 °	618 lm

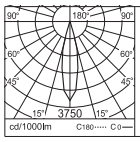
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



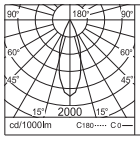
h(m)	E(lx)	D(mm)
		15.2 °
1	6822	239
2	1706	477
3	758	716

3 000 K



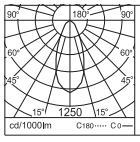
h(m)	E(lx)	D(mm)
		23.4 °
1	3069	401
2	767	802
3	341	1203

3 000 K



h(m)	E(lx)	D(mm)
		32.4 °
1	1584	576
2	396	1152
3	176	1728

3 000 K



h(m)	E(lx)	D(mm)
		43.6 °
1	924	762
2	231	1524
3	103	2286

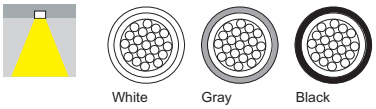
Dot DD-12160

TRIM
AL. Die-Casting, Electrostatic Powder Coating

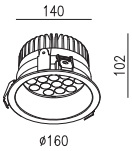
HEAT SINK
AL. Die-Casting, Electro Deposition Coating

ACCESSORY
LENS

TYPE OF LED : POWER LED



DD-12160



1.0 kg

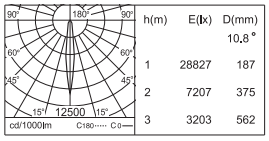
ø 150 mm

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
30 W	24 W	20 Vdc	1 200 mA	80	3 000 K	10.8 °	2 443 lm
						16.2 °	2 389 lm
						24.6 °	2 315 lm
						33.0 °	2 271 lm
						41.2 °	2 129 lm

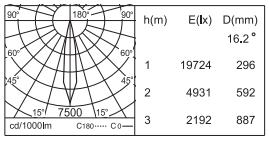
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



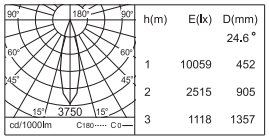
h(m)	E(lx)	D(mm)
		10.8 °
1	28827	187
2	7207	375
3	3203	562

3 000 K



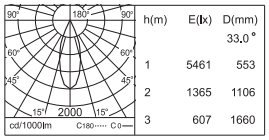
h(m)	E(lx)	D(mm)
		16.2 °
1	19724	296
2	4931	592
3	2192	887

3 000 K



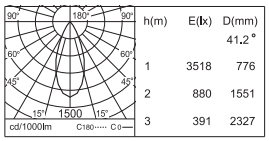
h(m)	E(lx)	D(mm)
		24.6 °
1	10059	452
2	2515	905
3	1118	1357

3 000 K



h(m)	E(lx)	D(mm)
		33.0 °
1	5461	553
2	1365	1106
3	607	1660

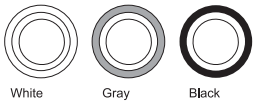
3 000 K



h(m)	E(lx)	D(mm)
		41.2 °
1	3518	776
2	880	1551
3	391	2327

Dot DD-12170 Series

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized, Electrostatic Powder Coating

ACCESSORY
LENS

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED
COB

INPUT VOLTAGE
220-240 Vac , 50/60 Hz

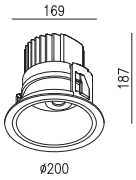
OPERATING TEMPERATURE RANGE
-20 to +40 ℃

MAINTENANCE OF LUMEN -L80
50 000 hours at 25 ℃

COLOR RENDERING INDEX
80, 90

COLOR TEMPERATURE
4 000 K / 3 000 K

DD-12170.02

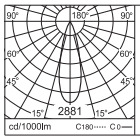


1.6 kg

ø 175mm

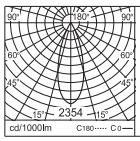
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
60 W	54 W	34 Vdc	1 590mA	80	3 000 K	27.4 °	7 070 lm
						34.3 °	7 325 lm
						48.7 °	7 210 lm

3 000 K



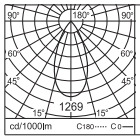
h(m)	E(lx)	D(mm)
		27.4°
1	24223	488
2	6056	977
3	2691	1465

3 000 K



h(m)	E(lx)	D(mm)
		34.3°
1	19788	617
2	4947	1235
3	2199	1852

3 000 K

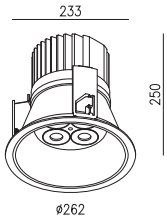


h(m)	E(lx)	D(mm)
		48.7°
1	10669	904
2	2667	1809
3	1185	2713

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12180.02

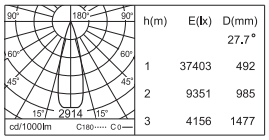


2.7 kg

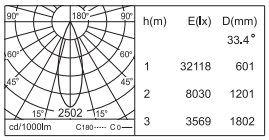
ø 240 mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
96 W	85 W	35 Vdc	2 400 mA	80	3 000 K	27.7°	11 400 lm
						33.4°	11 561 lm
						49.0°	11 461 lm

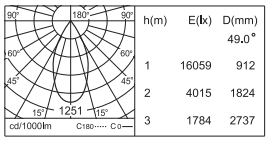
3 000 K



3 000 K



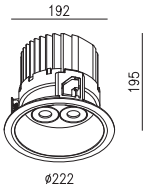
3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12190

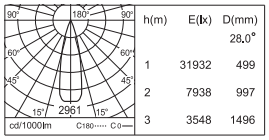


2.5 kg

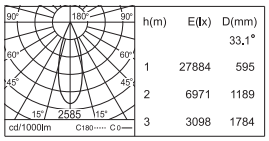
ø 200 mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
79 W	70 W	34 Vdc	2 050 mA	80	3 000 K	28.0°	9 665 lm
						33.1°	9 850 lm
						49.5°	9 716 lm

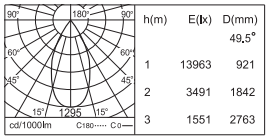
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

REFLEX LED DOWN LIGHT

Reflex

RECESSED DOWN LIGHT

Reflex

DD-12200.01
P.170

DD-12200.02 SERIES
P.171

DD-12210 SERIES
P.172

DD-12240 SERIES
P.173

Reflex general

DD-20010 SERIES
P.174

DD-20022.01 SERIES
P.175

DD-20020.02
P.176

DD-20020.03
P.177

DD-20040 SERIES
P.178

NEW

DD-20040.02 SERIES
P.179

DD-20050 SERIES
P.180

DD-20070 SERIES
P.181

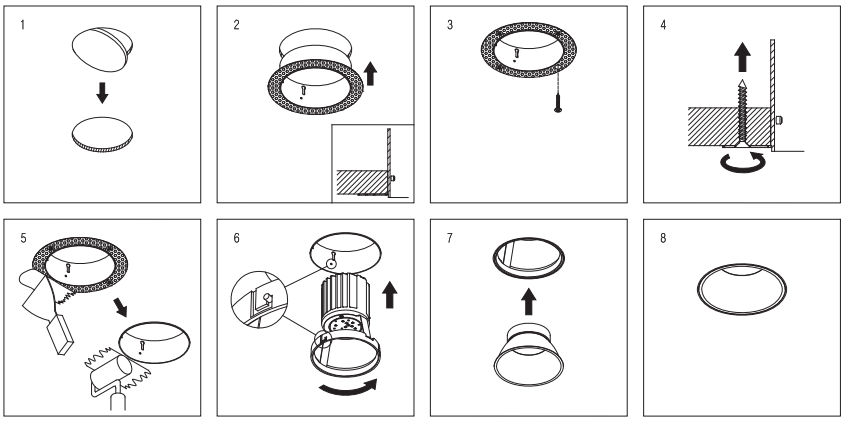
DD-20090 SERIES
P.182

NEW

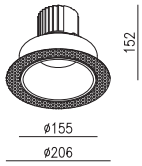
DD-20100
P.183

Reflex

DD-12200 Series

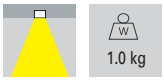


DD-12200.01



ø 160 mm

TYPE OF LED : POWER LED



1.0 kg

White

HOUSING
AL. Extrude, Electro Deposition Coating

HEAT SINK
AL. Die-Casting, Electro Deposition Coating

REFLECTOR
Steel, Electrostatic Powder Coating

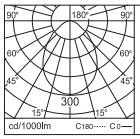
COVER
PC

TYPE OF LED	POWER LED (7 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
17 W	15 W	21 Vdc	700 mA	80	3 000 K	730 lm

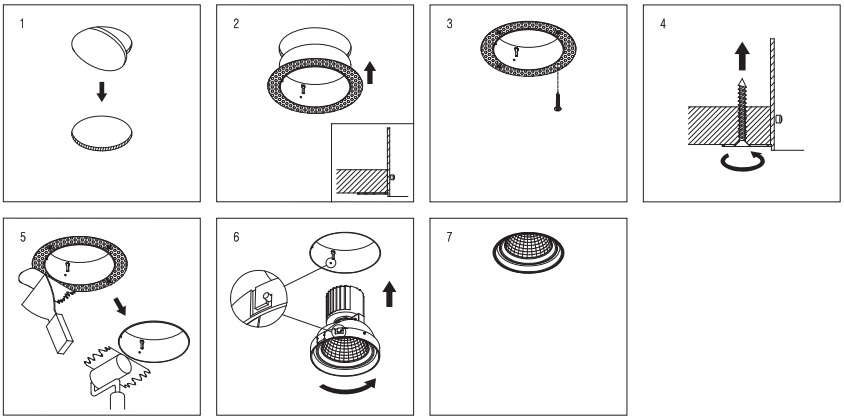
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



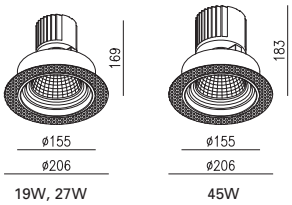
h(m)	E(lx)	D(mm)
		83.0°
1	404	1720
2	101	3441
3	45	5161

TRIMLESS DOWN LIGHT



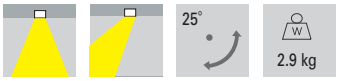
DD-12200.02 SERIES

DD-12200.02	COB 19 W x 1
DD-12201.02	COB 27 W x 1
DD-12202.02	COB 44 W x 1



ø 160 mm

TYPE OF LED : COB



HOUSING
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20 °)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

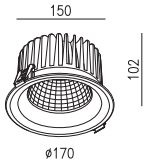
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-12200.02							
19 W	16 W	33 Vdc	500 mA	80	3 000 K	15.6 °	2 259 lm
						26.8 °	2 302 lm
						43.4 °	2 297 lm
DD-12201.02							
27 W	23 W	34 Vdc	700 mA	80	3 000 K	15.7 °	3 075 lm
						26.7 °	3 074 lm
						44.2 °	3 096 lm
DD-12202.02							
44 W	39 W	34 Vdc	1 150 mA	80	3 000 K	15.9 °	4 737 lm
						26.9 °	4 694 lm
						43.5 °	4 718 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA >>> page 120

Reflex

DD-12210 Series



ø 156 mm

Recessed Down Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

COVER
Clear Tempered Glass

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

*OPTION **IP54**

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

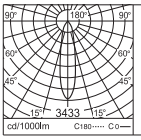
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-12210							
19 W	17 W	34 Vdc	500 mA	80	3 000 K	22.6°	2 221 lm
						41.5°	2 236 lm
						57.2°	2 215 lm
DD-12211							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	22.9°	2 994 lm
						41.5°	2 978 lm
						57.4°	2 951 lm
DD-12212							
35 W	31 W	36 Vdc	900 mA	80	3 000 K	18.9°	3 437 lm
						40.6°	3 472 lm
						60.0°	3 261 lm
DD-12213							
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	18.9°	3 863 lm
						40.6°	3 850 lm
						60.0°	3 587 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

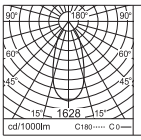
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

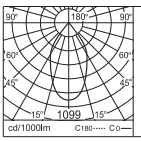
DD-12210 19 W / 3 000 K



h(m)	E(lx)	D(mm) 22.6°
1	8332	400
2	2083	800
3	926	1200

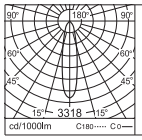


h(m)	E(lx)	D(mm) 41.5°
1	3951	758
2	988	1516
3	439	2274

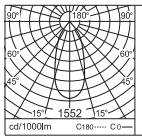


h(m)	E(lx)	D(mm) 57.2°
1	2668	1090
2	667	2180
3	296	3271

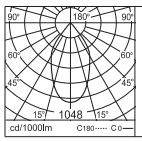
DD-12211 28 W / 3 000 K



h(m)	E(lx)	D(mm) 22.9°
1	11222	404
2	2806	808
3	1247	1213

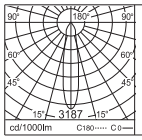


h(m)	E(lx)	D(mm) 41.5°
1	5248	758
2	1312	1517
3	583	2275

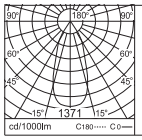


h(m)	E(lx)	D(mm) 57.4°
1	3544	1094
2	886	2188
3	394	3282

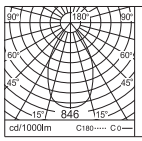
DD-12212 35 W / 3 000 K



h(m)	E(lx)	D(mm) 18.9°
1	14747	333
2	3687	666
3	1639	1000

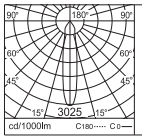


h(m)	E(lx)	D(mm) 40.6°
1	6342	739
2	1585	1479
3	705	2218

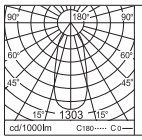


h(m)	E(lx)	D(mm) 60.0°
1	3916	1155
2	979	2309
3	435	3464

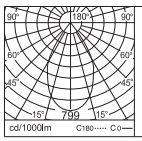
DD-12213 41 W / 3 000 K



h(m)	E(lx)	D(mm) 18.9°
1	16311	333
2	4078	666
3	1812	999



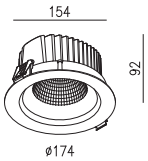
h(m)	E(lx)	D(mm) 40.6°
1	7029	740
2	1757	1480
3	781	2220



h(m)	E(lx)	D(mm) 60.0°
1	4308	1155
2	1077	2311
3	479	3466

Reflex

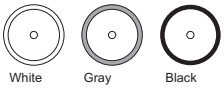
DD-12240 Series



ø 161 mm

Recessed Down Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

COVER
Clear Tempered Glass

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

*OPTION **IP54**

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

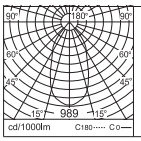
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-12240						
20 W	17 W	34 Vdc	500 mA	80	3 000 K	2 242 lm
DD-12241						
28 W	24 W	35 Vdc	700 mA	80	3 000 K	3 010 lm
DD-12242						
38 W	31 W	36 Vdc	900 mA	80	3 000 K	3 675 lm
DD-12243						
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	3 993 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

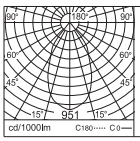
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-12240 20 W / 3 000 K



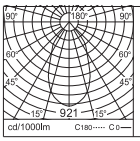
h(m)	E(lx)	D(mm)
		52.9°
1	2604	996
2	651	1992
3	289	2988

DD-12241 28 W / 3 000 K



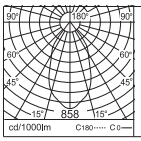
h(m)	E(lx)	D(mm)
		52.9°
1	3496	996
2	874	1992
3	388	2987

DD-12242 38 W / 3 000 K



h(m)	E(lx)	D(mm)
		53.1°
1	4262	999
2	1066	1998
3	474	2997

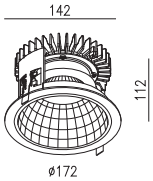
DD-12243 41 W / 3 000 K



h(m)	E(lx)	D(mm)
		53.2°
1	4625	1001
2	1156	2002
3	514	3003

Reflex

DD-20010 Series

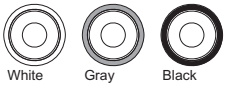


ø 155 mm

Recessed Down Light

TYPE OF LED : SMD

0.9 kg



TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Specular Silver

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

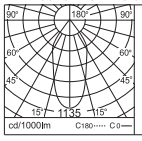
*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20010						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	1 838 lm
DD-20012						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 467 lm

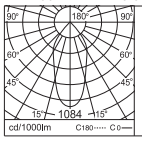
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20010 19 W 3 000 K



h(m)	E(lx)	D(mm)
		44.3°
1	2380	814
2	595	1628
3	264	2442

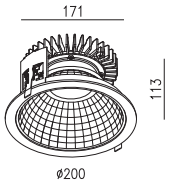
DD-20012 27 W 3 000 K



h(m)	E(lx)	D(mm)
		44.2°
1	3188	813
2	797	1625
3	354	2438

Reflex

DD-20022.01 Series



ø 180 mm

Recessed Down Light

TYPE OF LED : SMD

1.0 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Specular Silver

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

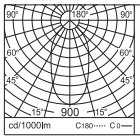
*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20022.01						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 524 lm
DD-20023.01						
35 W	31 W	35 Vdc	900 mA	80	3 000 K	3 009 lm

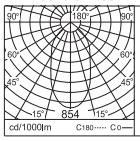
OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20022.01 27 W 3 000 K



h(m)	E(lx)	D(mm)
		53.3°
1	2645	1004
2	661	2008
3	294	3011

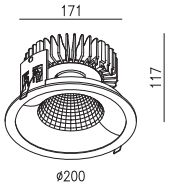
DD-20023.01 35 W 3 000 K



h(m)	E(lx)	D(mm)
		52.6°
1	3210	989
2	803	1978
3	357	2967

Reflex

DD-20020.02

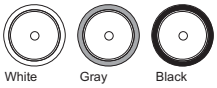


ø 180 mm

Recessed Down Light

TYPE OF LED : COB

1.3 kg



TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

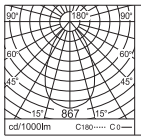
REFLECTOR
PC (Vacuum Coating)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
32 W	28 W	35 Vdc	800 mA	80	3 000 K	3 485 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



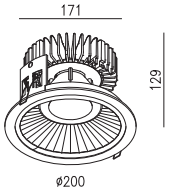
h(m)	E(lx)	D(mm)
		61.4°
1	3666	1188
2	916	2376
3	407	3563

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Reflex

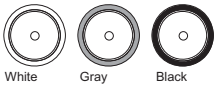
DD-20020.03



ø 180 mm

Recessed Down Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

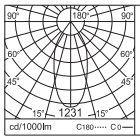
REFLECTOR
PC (Vacuum Coating)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
31 W	27 W	34 Vdc	800 mA	80	3 000 K	3 103 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



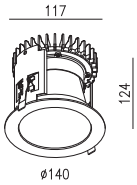
h(m)	E(lx)	D(mm)
		46.8°
1	4619	866
2	1155	1731
3	513	2597

CCT MULTIPLIERS

	CRI 80	**CRI 90**
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Reflex

DD-20040 Series



ø 125 mm

Recessed Down Light

TYPE OF LED : SMD

0.6 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Specular Silver

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

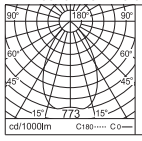
*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20040						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	1 846 lm
DD-20042						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 449 lm

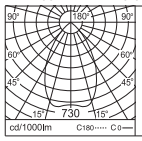
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20040 19 W 3 000 K



h(m)	E(lx)	D(mm)
		64.6°
1	1621	1264
2	405	2528
3	180	3792

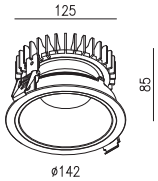
DD-20042 27 W 3 000 K



h(m)	E(lx)	D(mm)
		64.6°
1	2145	1264
2	536	2528
3	238	3792

Reflex

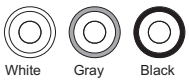
DD-20040.02 Series NEW



ø 130 mm

Recessed Down Light

TYPE OF LED : SMD



TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
ABS (Chrome) _Non Glare Refelctor

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

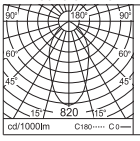
*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20040.02						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	1 853 lm
DD-20042.02						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 458 lm

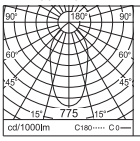
OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20040.02 19 W 3 000 K



h(m)	E(lx)	D(mm)
		53.6°
1	1720	1011
2	430	2022
3	191	3033

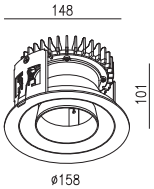
DD-20042.02 27 W 3 000 K



h(m)	E(lx)	D(mm)
		53.2°
1	2279	1002
2	570	2004
3	253	3006

Reflex

DD-20050 Series



ø 150 mm

Recessed Down Light

TYPE OF LED : SMD

0.6 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Specular Silver & PC

LOUVER
ABS

HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

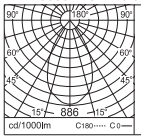
*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20050						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	1 653 lm
DD-20052						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 180 lm

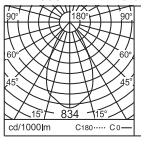
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20050 19 W 3 000 K



h(m)	E(lx)	D(mm)
		57.2°
1	1859	1092
2	465	2183
3	207	3275

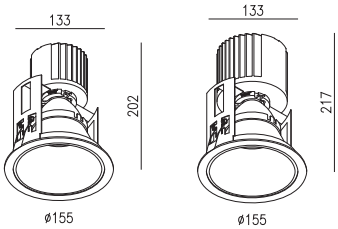
DD-20052 27 W 3 000 K



h(m)	E(lx)	D(mm)
		57.2°
1	2451	1091
2	613	2182
3	272	3273

Reflex

DD-20070 Series



Recessed Down Light

DD-20070 DD-20071

ø 140 mm

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Specular Silver / or Dark Reflector

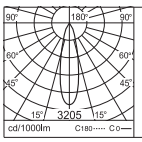
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-20070							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	25.5 °	2 244 lm
						38.9 °	2 284 lm
DD-20071							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	26.0 °	3 000 lm
						39.2 °	3 056 lm

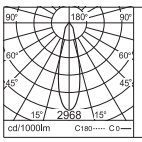
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DD-20070 20 W / 3 000 K

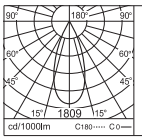


h(m)	E(lx)	D(mm)
		25.5°
1	8470	453
2	2118	905
3	941	1358

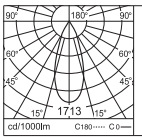
DD-20071 28 W / 3 000 K



h(m)	E(lx)	D(mm)
		26.0°
1	10984	461
2	2746	923
3	1220	1384



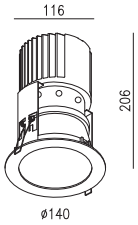
h(m)	E(lx)	D(mm)
		38.9°
1	4780	705
2	1195	1411
3	531	2116



h(m)	E(lx)	D(mm)
		39.2°
1	6340	713
2	1585	1426
3	704	2139

Reflex

DD-20090 Series



ø 125 mm

Recessed Down Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Fog Coating

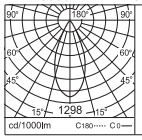
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20090						
44 W	39 W	34 Vdc	1 150 mA	80	3 000 K	3 968 lm
DD-20091						
54 W	48 W	35 Vdc	1 400 mA	80	3 000 K	4 485 lm

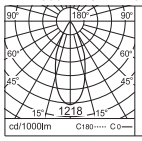
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DD-20090 44 W 3 000 K



h(m)	E(lx)	D(mm)
		44.7°
1	6907	823
2	1727	1646
3	767	2469

DD-20091 54 W 3 000 K



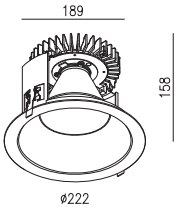
h(m)	E(lx)	D(mm)
		44.5°
1	7866	818
2	1967	1636
3	874	2454

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Reflex

DD-20100 NEW



ø 203 mm

Recessed Down Light

TYPE OF LED : SMD

0.6 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

FRAME
Steel

REFLECTOR
AL. Anodized Fog Coating

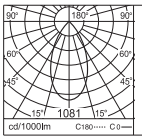
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

*OPTION **IP54**

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
35 W	31 W	35 Vdc	900 mA	80	3 000 K	2 982 lm

OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K



h(m)	E(lx)	D(mm)
		53.1°
1	4109	1000
2	1027	2001
3	457	3001

COMFORT LED DOWN LIGHT

Comfort

RECESSED DOWN LIGHT / ACCENT LIGHT

Comfort

COMFORT
DD-20520
P.186

COMFORT
DD-20540
P.187

COMFORT
DD-20600 SERIES
P.188

COMFORT
DD-20630 SERIES
P.190

Comfort Mo

COMFORT-MO
DD-20790 SERIES
P.200

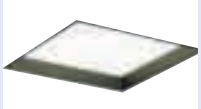
COMFORT-MO
DD-20831.01 SERIES
P.203

COMFORT-MO
DD-20831.02 SERIES
P.203

COMFORT-MO
DD-20831.03 SERIES
P.205

COMFORT-MO
DD-20831.04 SERIES
P.205

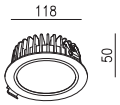
COMFORT-MO
DD-20850 SERIES
P.206



COMFORT-MO
DD-20860 SERIES
P.208

Comfort

DD-20520



ø 125 mm

Recessed Down Light

TYPE OF LED : SMD

0.4 kg

White

Gray

Black

TRIM & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

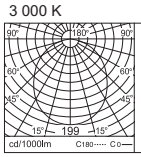
COVER
PC

TYPE OF LED	SMD (36 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
11 W	9 W	35 Vdc	250 mA	80	3 000 K	713 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

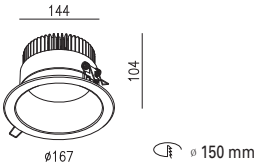
3 000 K



h(m)	E(lx)	D(mm)
		103.4°
1	280	2531
2	70	5061
3	31	7592

Comfort

DD-20540



Recessed Down Light

TYPE OF LED : SMD

TRIM & LED HOUSING
PC, Urethane Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

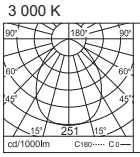
COVER
PC

TYPE OF LED	SMD (60 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
18 W	15 W	30 Vdc	500 mA	80	3 000 K	1 149 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		87.6°
1	578	1919
2	144	3838
3	64	5758

Comfort

DD-20600 Series

Recessed Down Light

TYPE OF LED : SMD

TRIM & LED HOUSING
PC, Urethane Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

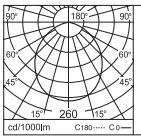
TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20600						
13 W	11 W	32 Vdc	350 mA	80	3 000 K	1 072 lm
DD-20600.02						
14 W	12 W	27 Vdc	420 mA	80	3 000 K	1 666 lm
DD-20601.02						
23 W	20 W	28 Vdc	700 mA	80	3 000 K	2 683 lm
DD-20602.02						
28 W	25 W	28 Vdc	900 mA	80	3 000 K	3 052 lm
DD-20600.03						
14 W	12 W	27 Vdc	420 mA	80	3 000 K	1 627 lm
DD-20601.03						
23 W	20 W	28 Vdc	700 mA	80	3 000 K	2 614 lm
DD-20610						
20 W	18 W	35 Vdc	500 mA	80	3 000 K	1 495 lm
DD-20620						
24 W	21 W	35 Vdc	600 mA	80	3 000 K	1 871 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20600 LED 13 W (55 LED)

13 W / 3 000 K



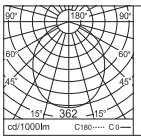
h(m)	E(lx)	D(mm)
		100.8°
1	440	2419
2	110	4839
3	49	7258

0.4 kg ø 155 mm

NEW

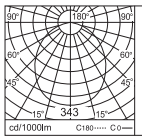
DD-20600.02 LED 10 W, 14 W (48 LED)
DD-20601.02 LED 23 W (70 LED)

14 W / 3 000 K

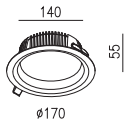


h(m)	E(lx)	D(mm)
		97.8°
1	711	2294
2	178	4588
3	79	6882

23 W / 3 000 K



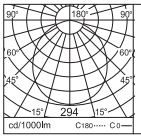
h(m)	E(lx)	D(mm)
		98.1°
1	1145	2304
2	286	4608
3	127	6912



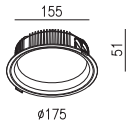
0.6 kg ø 155 mm

DD-20602.02 LED 29 W (100 LED)

29 W / 3 000 K



h(m)	E(lx)	D(mm)
		103.3°
1	1221	2530
2	305	5060
3	136	7590



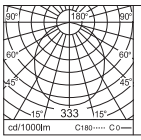
0.6 kg ø 155 mm

NEW

*OPTION **IP54**

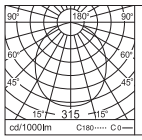
DD-20600.03 LED 10 W, 14 W (48 LED)
DD-20601.03 LED 23 W (70 LED)

14 W / 3 000 K

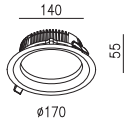


h(m)	E(lx)	D(mm)
		99.1°
1	656	2346
2	164	4692
3	73	7038

23 W / 3 000 K



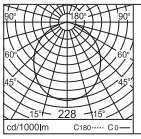
h(m)	E(lx)	D(mm)
		99.1°
1	1054	2347
2	263	4695
3	117	7042



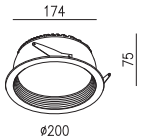
0.5 kg ø 155 mm

DD-20610 LED 20 W (60 LED)

20 W / 3 000 K



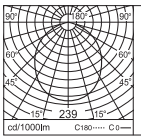
h(m)	E(lx)	D(mm)
		99.9°
1	630	2381
2	157	4762
3	70	7143



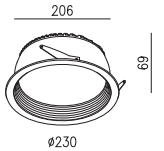
0.5 kg ø 180 mm

DD-20620 LED 24 W (72 LED)

24 W / 3 000 K



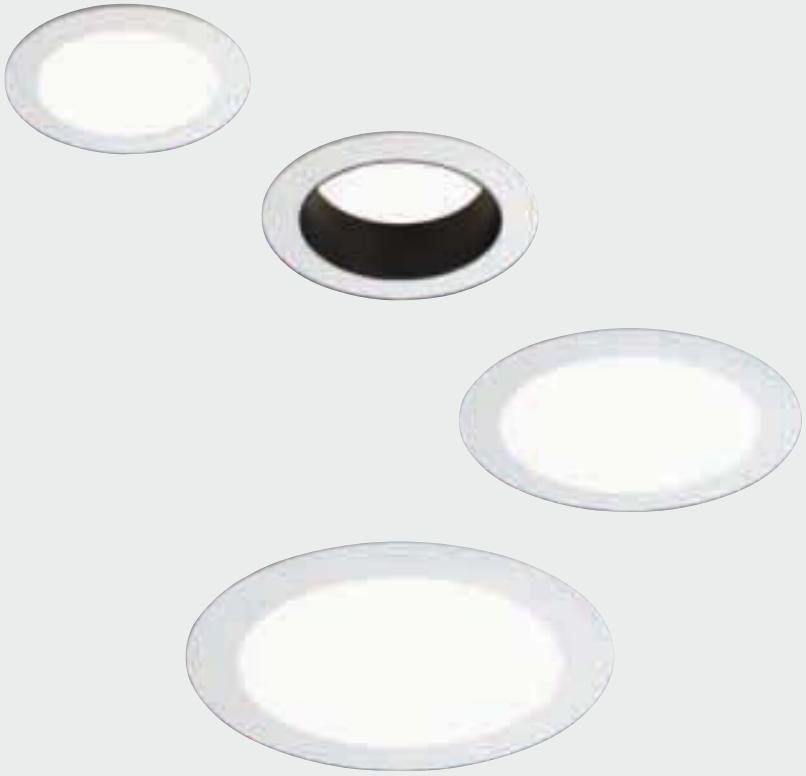
h(m)	E(lx)	D(mm)
		101.1°
1	777	2431
2	194	4862
3	86	7293



0.6 kg ø 215 mm

Comfort

DD-20630 Series



Recessed Down Light

TYPE OF LED : SMD

White

TRIM & HOUSING
DD-20630.01 / 20630.02
AL. Die-Casting, Electrostatic Powder Coating
DD-20640 / 20650
Aluminium. Electrostatic Powder Coating

HEAT SINK
DD-20630.01 / 20630.02
PC. Die-Casting, Electrostatic Powder Coating
DD-20640 / 20650
Forging press, Electro Deposition Coating

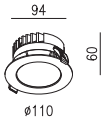
COVER
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

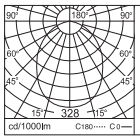
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20630.01						
10 W	8 W	33 Vdc	250 mA	80	3 000 K	802 lm
DD-20631.01						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	1 478 lm
DD-20630.02						
10 W	8 W	33 Vdc	250 mA	80	3 000 K	515 lm
DD-20631.02						
19 W	17 W	34 Vdc	500 mA	80	3 000 K	962 lm
DD-20640						
15 W	12 W	35 Vdc	350 mA	80	3 000 K	1 156 lm
DD-20650						
18 W	15 W	30 Vdc	500 mA	80	3 000 K	1 601 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20630.01 LED 10 W (56 LED)
DD-20631.01 LED 19 W (56 LED)

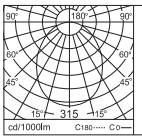


10 W / 3 000 K



h(m)	E(lx)	D(mm)
		91.3°
1	359	2045
2	90	4090
3	40	6136

19 W / 3 000 K

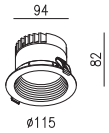


h(m)	E(lx)	D(mm)
		91.2°
1	661	2042
2	165	4084
3	73	6125

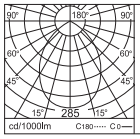
0.15 kg ø 100 mm

*OPTION **IP54**

DD-20630.02 LED 10 W (56 LED)
DD-20631.02 LED 19 W (56 LED)

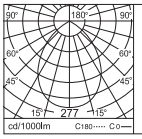


10 W / 3 000 K



h(m)	E(lx)	D(mm)
		81.0°
1	313	1709
2	78	3419
3	35	5128

19 W / 3 000 K

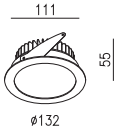


h(m)	E(lx)	D(mm)
		81.4°
1	581	1721
2	145	3443
3	65	5164

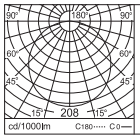
0.2 kg ø 100 mm

*OPTION **IP54**

DD-20640 LED 15 W (36 LED)



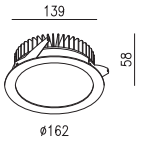
15 W / 3 000 K



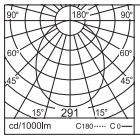
h(m)	E(lx)	D(mm)
		112.2°
1	406	2977
2	101	5954
3	45	8930

0.3 kg ø 115 mm

DD-20650 LED 18 W (50 LED)



18 W / 3 000 K



h(m)	E(lx)	D(mm)
		96.7°
1	670	2247
2	167	4495
3	74	6742

0.5 kg ø 145 mm

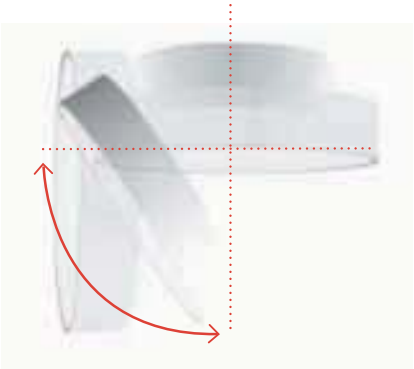
ABACO-D LED DOWN LIGHT

Semi Recessed Type

Recessed Type

Surface Mounted Down Light
& Wall Bracket Light

HORIZONTAL 355°


VERTICAL 85°

ABACO-D ABACO DOWN LIGHT

		DD-20660.01 series PC size ø 120 mm	DD-20660.07 series PC size ø 150 mm	DD-20670 series PC size ø 200 mm	DD-20680 series PC size ø 300 mm
Recessed Light		✔		✔	
Surface Mounted Light				✔	✔
Recessed Light		✔		✔	✔
Recessed Light		✔		✔	✔
Surface Mounted Light & Wall Bracket Light			✔	✔	

Abaco-D

DD-20660 Series

Recessed Down Light

TYPE OF LED : SMD

TRIM & LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

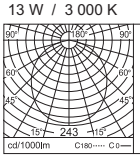
COVER
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20660.01 / DD-20660.03 / DD-20660.04						
13 W	11 W	32 Vdc	350 mA	80	3 000 K	1 104 lm
DD-20660.07						
21 W	18 W	36 Vdc	500 mA	80	3 000 K	1 604 lm

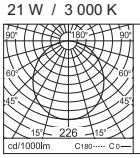
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

13 W / 3 000 K



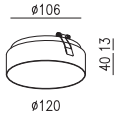
h(m)	E(lx)	D(mm)
		107.3°
1	410	2717
2	103	5433
3	46	8150

21 W / 3 000 K



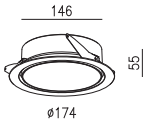
h(m)	E(lx)	D(mm)
		107.7°
1	589	2737
2	147	5473
3	65	8210

DD-20660.01 LED 13 W (55 LED)



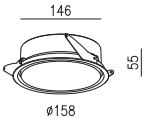
0.4 kg ø 112 mm

DD-20660.03 LED 13 W (55 LED)



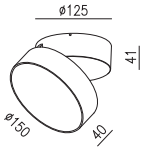
0.4 kg ø 151 mm

DD-20660.04 LED 13 W (55 LED)



0.4 kg ø 151 mm

DD-20660.07 LED 21 W (60 LED)



1.0 kg

Abaco-D

DD-20670 Series

Recessed Down Light

TYPE OF LED : SMD

TRIM & LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

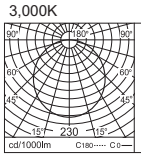
COVER
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	24 W	36 Vdc	700 mA	80	3 000 K	2 281 lm

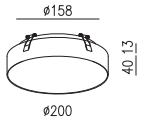
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3,000K



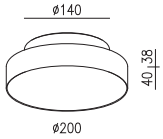
h(m)	E(lx)	D(mm)
		109.7°
1	822	2839
2	206	5679
3	91	8518

DD-20670.01 LED 28 W (72 LED)



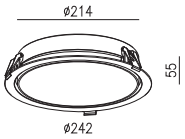
1.1 kg ø 164mm

DD-20670.02 LED 28 W (72 LED)



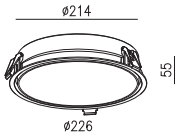
1.1 kg

DD-20670.03 LED 28 W (72 LED)



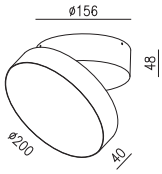
1.0 kg ø 219mm

DD-20670.04 LED 28 W (72 LED)



1.0 kg ø 219mm

DD-20670.07 LED 28 W (72 LED)



1.3 kg

Abaco-D

DD-20680 Series

Recessed Down Light

TYPE OF LED : SMD

1.3 kg

White

Gray

Black

TRIM & LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

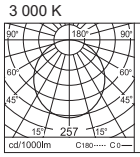
COVER
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
38 W	33 W	35 Vdc	950 mA	80	3 000 K	3 494 lm

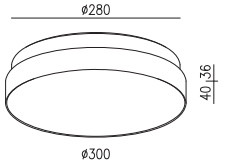
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K

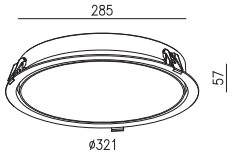


h(m)	E(lx)	D(mm)
		108.8°
1	1276	2791
2	319	5583
3	142	8374

DD-20680.02 LED 38 W (144 LED)

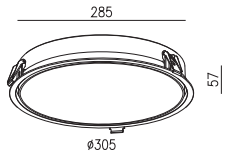


DD-20680.03 LED 38 W (144 LED)



ø 296 mm

DD-20680.04 LED 38 W (144 LED)



ø 296 mm

Comfort-Mo

DD-20790 Series

Recessed Down Light

TYPE OF LED : SMD

White

DD-20790, DD-20800

White

Gray

Black

DD-20810, DD-20820

TRIM
DD-20790, DD-20800 : PC, Urethane Coating
DD-20810, DD-20820 : AL. Die-Casting

HOUSING
Steel

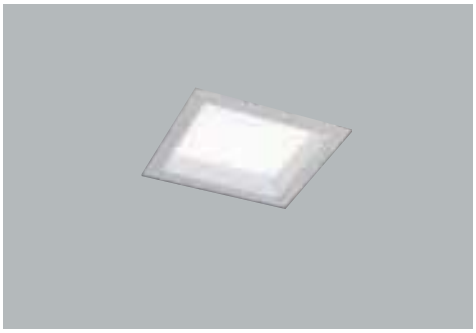
COVER
PC

HEAT SINK
AL. Die-Casting

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

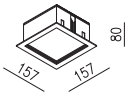
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20790						
15 W	13 W	35 Vdc	350 mA	80	3 000 K	941 lm
DD-20800						
19 W	16 W	35 Vdc	450 mA	80	3 000 K	1 206 lm
DD-20810						
20 W	17 W	35 Vdc	500 mA	80	3 000 K	1 332 lm
DD-20820						
27 W	23 W	30 Vdc	800 mA	80	3 000 K	2 157 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

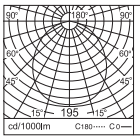


DD-20790

LED 15 W (48 LED)



3 000 K



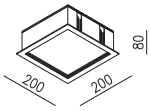
h(m)	E(lx)	D(mm)
		101.1°
1	381	2429
2	95	4858
3	42	7287

0.6 kg

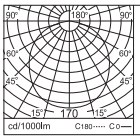
138 x 138 mm

DD-20800

LED 19 W (72 LED)



3 000 K



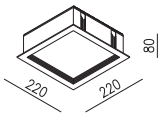
h(m)	E(lx)	D(mm)
		109.8°
1	439	2847
2	110	5693
3	49	8540

1.0 kg

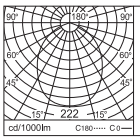
186 x 186 mm

DD-20810

LED 20 W (72 LED)



3 000 K



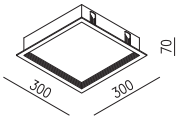
h(m)	E(lx)	D(mm)
		93.2°
1	613	2116
2	153	4231
3	68	6347

1.3 kg

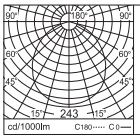
202 x 202 mm

DD-20820

LED 27 W (90 LED)



3 000 K



h(m)	E(lx)	D(mm)
		101.1°
1	885	2432
2	221	4863
3	98	7295

2.2 kg

282 x 282 mm

Comfort-Mo

DD-20831.01 Series / DD-20831.02 Series

Recessed Down Light

TYPE OF LED : SMD

White

Gray

Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING
Steel, Electrostatic Powder Coating

COVER
PC

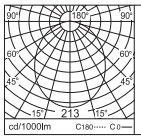
REFLECTOR
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20831.01 SERIES						
19 W	16 W	35 Vdc	450 mA	80	3 000 K	1 409 lm
DD-20831.02 SERIES						
19 W	16 W	35 Vdc	450 mA	80	3 000 K	1 245 lm

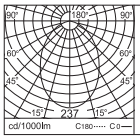
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20831.01 SERIES



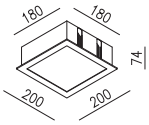
h(m)	E(lx)	D(mm)
		99.1°
1	572	2344
2	143	4688
3	64	7032

DD-20831.02 SERIES



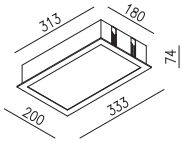
h(m)	E(lx)	D(mm)
		81.7°
1	638	1729
2	160	3458
3	71	5187

DD-20831.01 LED 19 W (72 LED)



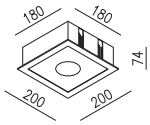
1.1 kg 185 x 185 mm

DD-20841.01 LED 19 W x 2 (72 LED x 2)



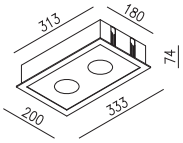
1.7 kg 320 x 185 mm

DD-20831.02 LED 19 W (72 LED)



1.1 kg 185 x 185 mm

DD-20841.02 LED 19 W x 2 (72 LED x 2)



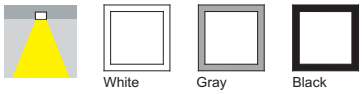
1.7 kg 320 x 185 mm

Comfort-Mo

DD-20831.03 Series / DD-20831.04 Series

Recessed Down Light

TYPE OF LED : SMD



TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING
Steel, Electrostatic Powder Coating

COVER
PC

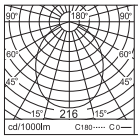
REFLECTOR
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20831.03 SERIES						
19 W	16 W	35 Vdc	450 mA	80	3 000 K	1 266 lm
DD-20831.04 SERIES						
19 W	16 W	35 Vdc	450 mA	80	3 000 K	1 198 lm

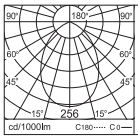
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20831.03 SERIES



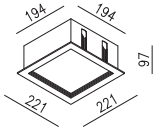
h(m)	E(lx)	D(mm)
		93.4°
1	583	2123
2	146	4245
3	65	6368

DD-20831.04 SERIES



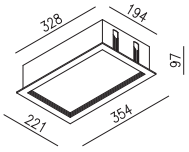
h(m)	E(lx)	D(mm)
		78.4°
1	690	1631
2	173	3262
3	77	4893

DD-20831.03 LED 19 W (72 LED)



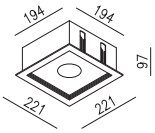
1.3 kg 200 x 200 mm

DD-20841.03 LED 19 W x 2 (72 LED x 2)



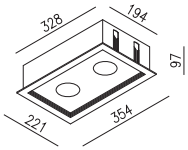
1.7 kg 335 x 200 mm

DD-20831.04 LED 19 W (72 LED)



1.3 kg 200 x 200 mm

DD-20841.04 LED 19 W x 2 (72 LED x 2)



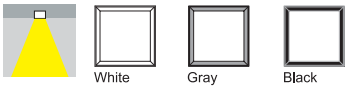
1.7 kg 335 x 200 mm

Comfort-Mo

DD-20850 Series

Recessed Down Light

TYPE OF LED : SMD



TRIM
AL. Extrude, Electrostatic Powder Coating

LED HOUSING
AL. Extrude, Electrostatic Powder Coating

COVER
PC

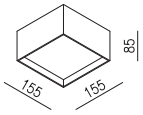
TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20850.01						
13 W	11 W	32 Vdc	350 mA	80	3 000 K	954 lm
20 W	17 W	33 Vdc	500 mA	80	3 000 K	1 304 lm
DD-20850.02						
26 W	22 W	32 Vdc	700 mA	80	3 000 K	1 941 lm
DD-20850.03						
31 W	28 W	31 Vdc	900 mA	80	3 000 K	2 666 lm
DD-20850.05						
34 W	30 W	30 Vdc	1 050 mA	80	3 000 K	2 954 lm

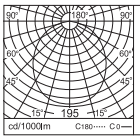
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DD-20850.01

LED 13 W, 20 W (55 LED)

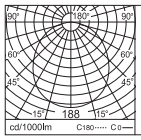


13 W / 3 000 K



h(m)	E(lx)	D(mm)
		105.4°
1	368	2627
2	92	5253
3	41	7880

20 W / 3 000 K

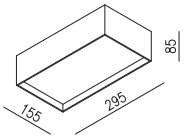


h(m)	E(lx)	D(mm)
		105.6°
1	502	2634
2	126	5268
3	56	7901

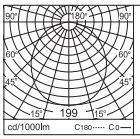
W
1.0 kg

DD-20850.02

LED 26 W (55 LED x 2)



3 000 K

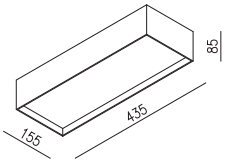


h(m)	E(lx)	D(mm)
		107.4°
1	731	2725
2	183	5449
3	81	8174

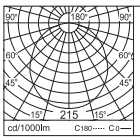
W
1.3 kg

DD-20850.03

LED 31 W (55 LED x 3)



3 000 K

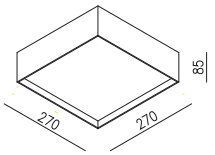


h(m)	E(lx)	D(mm)
		108.2°
1	996	2764
2	249	5528
3	111	8293

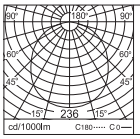
W
1.9 kg

DD-20850.05

LED 34 W (90 LED)



3 000 K



h(m)	E(lx)	D(mm)
		108.5°
1	1094	2779
2	274	5557
3	122	8336

W
2.3 kg

Comfort-Mo

DD-20860 Series

Recessed Down Light

TYPE OF LED : SMD

White

Black

TRIMLESS KIT
Aluminium, Electrostatic Powder Coating & Steel

HOUSING
Steel

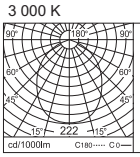
COVER
PC

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

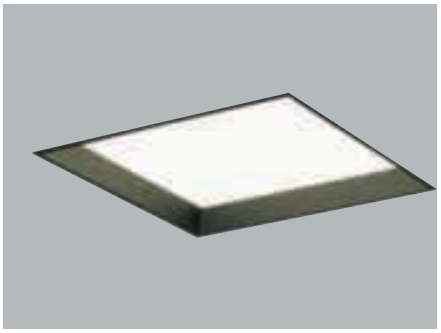
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
20 W	17 W	35 Vdc	500 mA	80	3 000 K	1 332 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

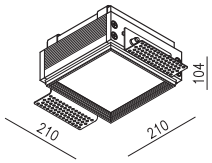
3 000 K



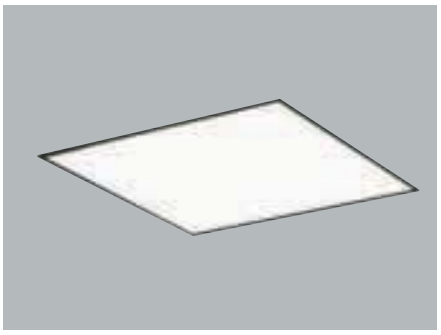
h(m)	E(lx)	D(mm)
		93.2°
1	613	2116
2	153	4231
3	68	6347



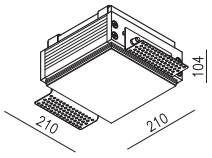
DD-20860 LED 20 W (72 LED)



214 x 214mm



DD-20870 LED 20 W (72 LED)

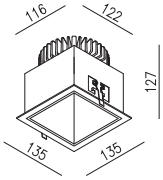


214 x 214mm

RHOMBUS LED DOWN LIGHT

Rhombus

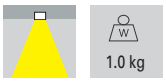
DD-20910.02 Series



125 x 125 mm

Recessed Down Light

TYPE OF LED : SMD



White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING
Steel

REFLECTOR
AL. Fog Coating

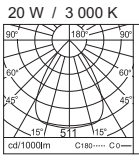
HEAT SINK
AL. Die-Casting, Electro Deposition Coating

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20910.02						
20 W	17 W	34 Vdc	500 mA	80	3 000 K	1 543 lm
DD-20912.02						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 045 lm

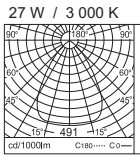
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

20 W / 3 000 K



h(m)	E(lx)	D(mm)
		71.5°
1	1092	1439
2	273	2878
3	121	4317

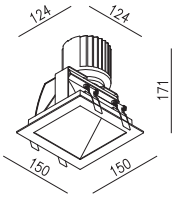
27 W / 3 000 K



h(m)	E(lx)	D(mm)
		71.3°
1	1444	1436
2	361	2871
3	160	4307

Rhombus

DD-20920.02 Series



130 x 130 mm

Recessed Down Light

TYPE OF LED : COB

1.3 kg

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING
Steel

REFLECTOR
AL. Fog Coating

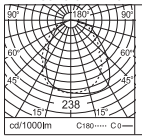
HEAT SINK
AL. Die-Casting, Deposition Coating (Black)

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20920.02						
19 W	16 W	35 Vdc	500 mA	80	3 000 K	1 144 lm
DD-20921.02						
26 W	23 W	35 Vdc	700 mA	80	3 000 K	1 483 lm

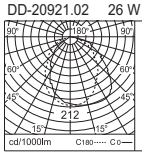
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DD-20920.02 19 W 3 000 K



h(m)	E(lx)	D(mm)
	89.2 / 89.5°	
1	477	1940
2	119	3880
3	53	5819

DD-20921.02 26 W 3 000 K



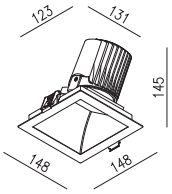
h(m)	E(lx)	D(mm)
	89.3 / 89°	
1	645	1913
2	161	3827
3	72	5740

CCT MULTIPLIERS

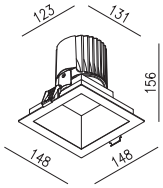
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Rhombus

DD-20930 Series



DD-20930.01 NEW



DD-20930.02 NEW

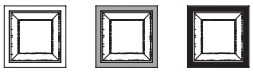
137 x 137 mm

Recessed Down Light

TYPE OF LED : COB

0.8 kg

non glare



White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS, Chrome

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

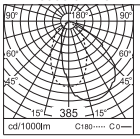
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DD-20930.01						
32 W	28 W	35 Vdc	800 mA	80	3 000 K	2 103 lm
DD-20930.02						
32 W	28 W	35 Vdc	800 mA	80	3 000 K	1 879 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

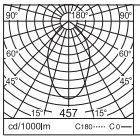
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-20930.01 32 W 3 000 K



h(m)	E(lx)	D(mm)
		62.6/64.0°
1	1401	1096
2	350	2192
3	156	3287

DD-20930.02 32 W 3 000 K



h(m)	E(lx)	D(mm)
		64.3°
1	1573	1257
2	393	2515
3	175	3772

MURLY LED DOWN LIGHT

Murly DD-26510.02

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating (Tilt ∠30°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
Chrome (Non Glare Refelctor)

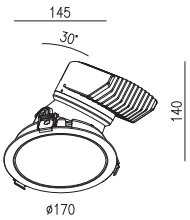
TYPE OF LED : COB

White

Gray

Black

DD-26510.02 NEW



1.1 kg

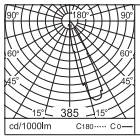
ø 155 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
37 W	33 W	35 Vdc	950 mA	80	3 000 K	18.0 ° / 28.5 °	3 075 lm
						30.2 ° / 21.7 °	3 207 lm
						46.0 ° / 46.9 °	3 201 lm

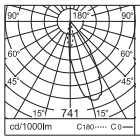
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3,000K



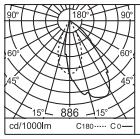
h(m)	E(lx)	D(mm)
	18.0 / 28.5 °	
1	2161	
2	540	
3	240	

3,000K



h(m)	E(lx)	D(mm)
	30.2 / 21.7 °	
1	4196	
2	1049	
3	466	

3,000K



h(m)	E(lx)	D(mm)
	46.0 / 46.9 °	
1	3611	694
2	903	1388
3	401	2082

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly DD-26520

TRIM
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

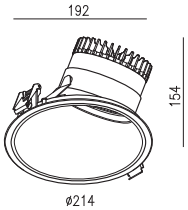
COVER
PC

REFLECTOR
Inner : AL. Anodized / Outer : ABS

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED : SMD

DD-26520



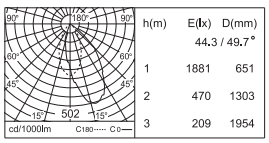
1.8 kg
ø 203 mm

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
28 W	24 W	35 Vdc	700 mA	80	3 000 K	44.3° / 49.7°	2 064 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



Murly DD-26530 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

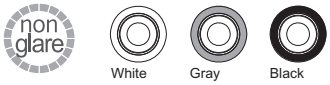
TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30°)

HEAT SINK
AL. Extrude, Electrostatic Powder Coating

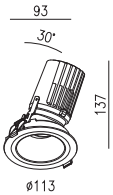
REFLECTOR
Chrome (Non Glare Refelctor)

TYPE OF LED : COB



*OPTION **IP44**

DD-26530.01



0.7 kg

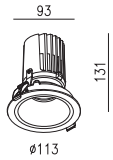
ø 100 mm

TYPE OF LED					COB		
INPUT VOLTAGE					220-240 Vac , 50/60 Hz		
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
19 W	16 W	35 Vdc	450 mA	80	3 000 K	14.2°	881 lm
						21.7°	774 lm
						32.5°	1 019 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

*OPTION **IP44**

DD-26530.02



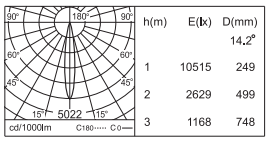
0.7 kg

ø 100 mm

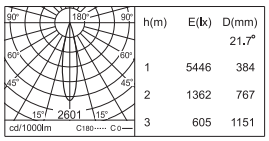
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

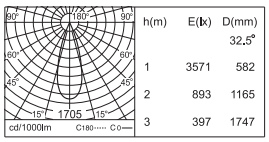
3 000 K



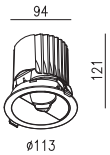
3 000 K



3 000 K



DD-26530.03 NEW



0.3 kg

ø 100mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

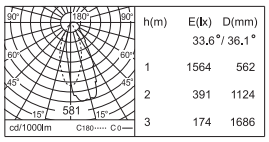
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	18 W	36 Vdc	500 mA	80	3 000 K	33.6 ° / 36.1 °	1 138 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

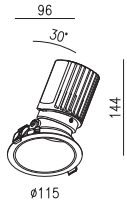
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K



DD-26530.04 NEW



0.8 kg

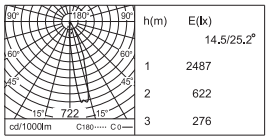
ø 105 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

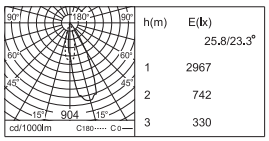
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
24 W	21 W	36 Vdc	600 mA	80	3 000 K	14.5 ° / 25.2 °	1,391 lm
						25.8 ° / 23.3 °	1,287 lm
						38.2 ° / 31.6 °	1,465 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

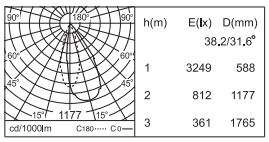
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly DD-26540 Series

whisper in eyes

NON GLARE REFLECTOR

White Chrome

Dark Chrome

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
PC, Adjustable Angle (Tilt ∠30°)

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

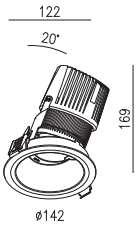
REFLECTOR
Chrome (Non Glare Refelctor)

TYPE OF LED : COB

non glare

White Gray Black

DD-26540.01



1.0 kg

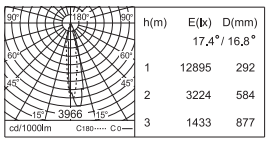
ø 130 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	17.4 ° / 16.8 °	1 979 lm
						23.2 ° / 26.4 °	1 933 lm
						30.7 ° / 34.1 °	1 908 lm

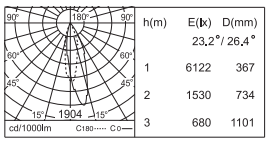
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



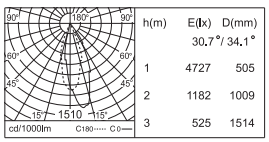
h(m)	E(lx)	D(mm)
	17.4° / 16.8°	
1	12895	292
2	3224	584
3	1433	877

3 000 K



h(m)	E(lx)	D(mm)
	23.2° / 26.4°	
1	6122	367
2	1530	734
3	680	1101

3 000 K

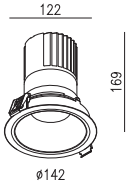


h(m)	E(lx)	D(mm)
	30.7° / 34.1°	
1	4727	505
2	1182	1009
3	525	1514

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-26540.02



1.0 kg

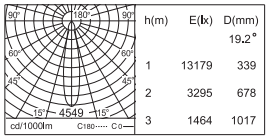
ø 130 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

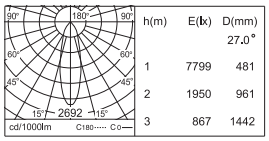
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	19.2°	2 462 lm
						27.0°	2 392 lm
						37.2°	2 360 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

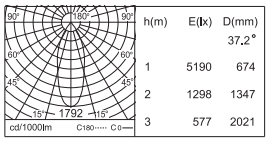
3 000 K



3 000 K



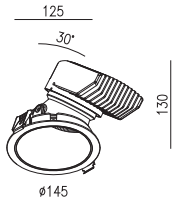
3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-26540.04 NEW



1.0 kg

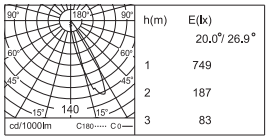
ø 135 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

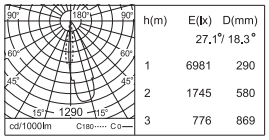
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
32 W	28 W	35 Vdc	800 mA	80	3 000 K	20.0° / 26.9°	1 844 lm
						27.1° / 18.3°	2 713 lm
						41.1° / 35.1°	2 185 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

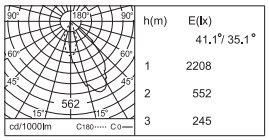
3 000 K



3 000 K



3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly DD-26550 Series

PIN HOLE

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20° / ∠20°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

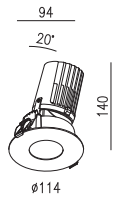
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED : COB

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

*OPTION **IP44**

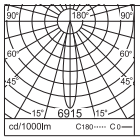
DD-26550



0.6 kg
ø 103 mm

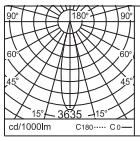
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
19 W	16 W	35 Vdc	450 mA	80	3 000 K	14.1°	1 158 lm
						20.3°	1 009 lm
						28.6°	1 230 lm

3 000 K



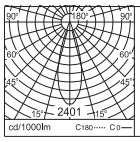
h(m)	E(lx)	D(mm)
		14.1°
1	14479	247
2	3620	493
3	1609	740

3 000 K



h(m)	E(lx)	D(mm)
		20.3°
1	7613	359
2	1903	718
3	846	1077

3 000 K

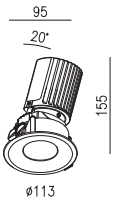


h(m)	E(lx)	D(mm)
		28.6°
1	5028	510
2	1257	1020
3	559	1531

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

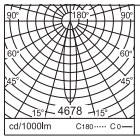
DD-26550.02 NEW



1.2 kg
ø 103 mm

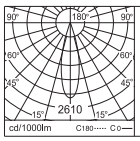
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
24 W	21 W	36 Vdc	600 mA	80	3 000 K	17.8°	1 426 lm
						26.8°	1 328 lm
						37.9°	1 509 lm

3 000 K



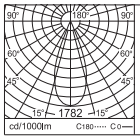
h(m)	E(lx)	D(mm)
		17.8°
1	11035	313
2	2759	626
3	1226	940

3 000 K



h(m)	E(lx)	D(mm)
		26.8°
1	6156	476
2	1539	952
3	684	1427

3 000 K



h(m)	E(lx)	D(mm)
		37.9°
1	4204	686
2	1051	1372
3	467	2059

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Murly DD-26560 Series

PIN HOLE

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20° / ∠20°)

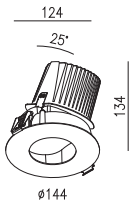
MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED : COB

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

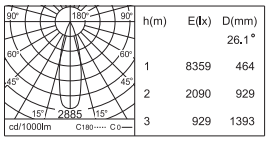
DD-26560



1.0 kg
ø 133 mm

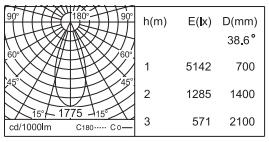
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
23 W	20 W	35 Vdc	600 mA	80	3 000 K	26.1°	2 056 lm
						38.6°	2 000 lm

3 000 K



h(m)	E(lx)	D(mm)
		26.1°
1	8359	464
2	2090	929
3	929	1393

3 000 K



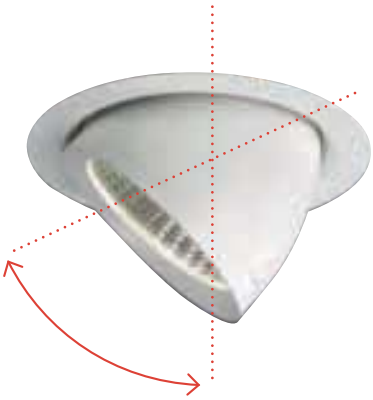
h(m)	E(lx)	D(mm)
		38.6°
1	5142	700
2	1285	1400
3	571	2100

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

GOGGLE LED DOWN SPOT

HORIZONTAL 355 °



VERTICAL 30 °

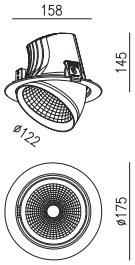
Goggle

RECESSED DOWN SPOTS

19 W / 28 W (CRI 80, >90)	28 W / 40 W (CRI 80)
2 000 lm / 3 000 lm	2 800 lm / 4 500 lm
COB	LED LAMP

Goggle

DDS-27500 Series



ø 165 mm

Recessed Down Spot Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠ 30 °)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDS-27500							
19 W	17 W	34 Vdc	500 mA	80	3 000 K	22.6 °	2 221 lm
						41.5 °	2 236 lm
						57.2 °	2 215 lm
DDS-27501							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	22.9 °	2 994 lm
						41.5 °	2 978 lm
						57.4 °	2 951 lm

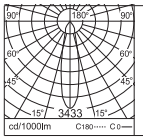
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Narrow

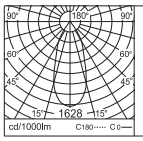
Medium

Wide

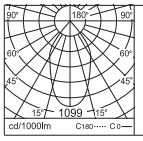
DDS-27500 19 W / 3 000 K



h(m)	E(lx)	D(mm)
		22.6°
1	8332	400
2	2083	800
3	926	1200

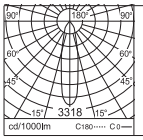


h(m)	E(lx)	D(mm)
		41.5°
1	3951	758
2	988	1516
3	439	2274

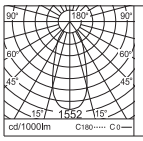


h(m)	E(lx)	D(mm)
		57.2°
1	2668	1090
2	667	2180
3	296	3271

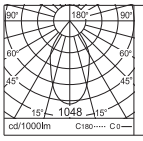
DDS-27501 28 W / 3 000 K



h(m)	E(lx)	D(mm)
		22.9°
1	11222	404
2	2806	808
3	1247	1213



h(m)	E(lx)	D(mm)
		41.5°
1	5248	758
2	1312	1517
3	583	2275



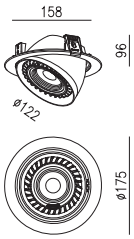
h(m)	E(lx)	D(mm)
		57.4°
1	3544	1094
2	886	2188
3	394	3282

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Goggle

DDS-27511 Series



ø 165 mm

Recessed Down Spot Light

TYPE OF LED : LED LAMP

TRIM
AL. Die-Casting, Electrostatic Powder Coating

LED HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠ 30 °)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDS-27511							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4 °	2 787 lm
						35.5 °	2 669 lm
DDS-27512							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4 °	4 571 lm
						39.2 °	4 343 lm

LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

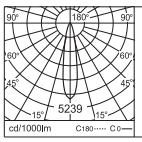
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

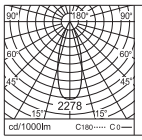
Medium

Wide

DDS-27511 28 W / 3 000 K

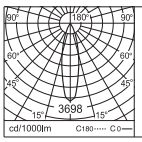


h(m)	E(lx)	D(mm)
		20.4°
1	14460	360
2	3615	719
3	1607	1079

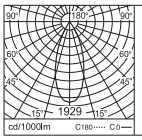


h(m)	E(lx)	D(mm)
		35.5°
1	6036	640
2	1509	1280
3	671	1919

DDS-27512 40 W / 3 000 K



h(m)	E(lx)	D(mm)
		23.4°
1	16826	415
2	4206	830
3	1870	1245



h(m)	E(lx)	D(mm)
		39.2°
1	8370	713
2	2092	1425
3	930	2138

FLOW LED DOWN SPOT

Recessed Down Spot

Ø 35

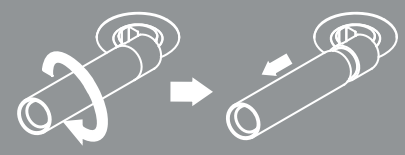
POWER LED type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency lens, it can be perform various beam angle.
And with use Zoom, it can be perform various beam angle.

Ø 60

LED COB type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency lens, it can be perform various beam angle.
And with use Zoom, it can be perform various beam angle.

ZOOM TYPE

With use Zoom, it can be perform various.



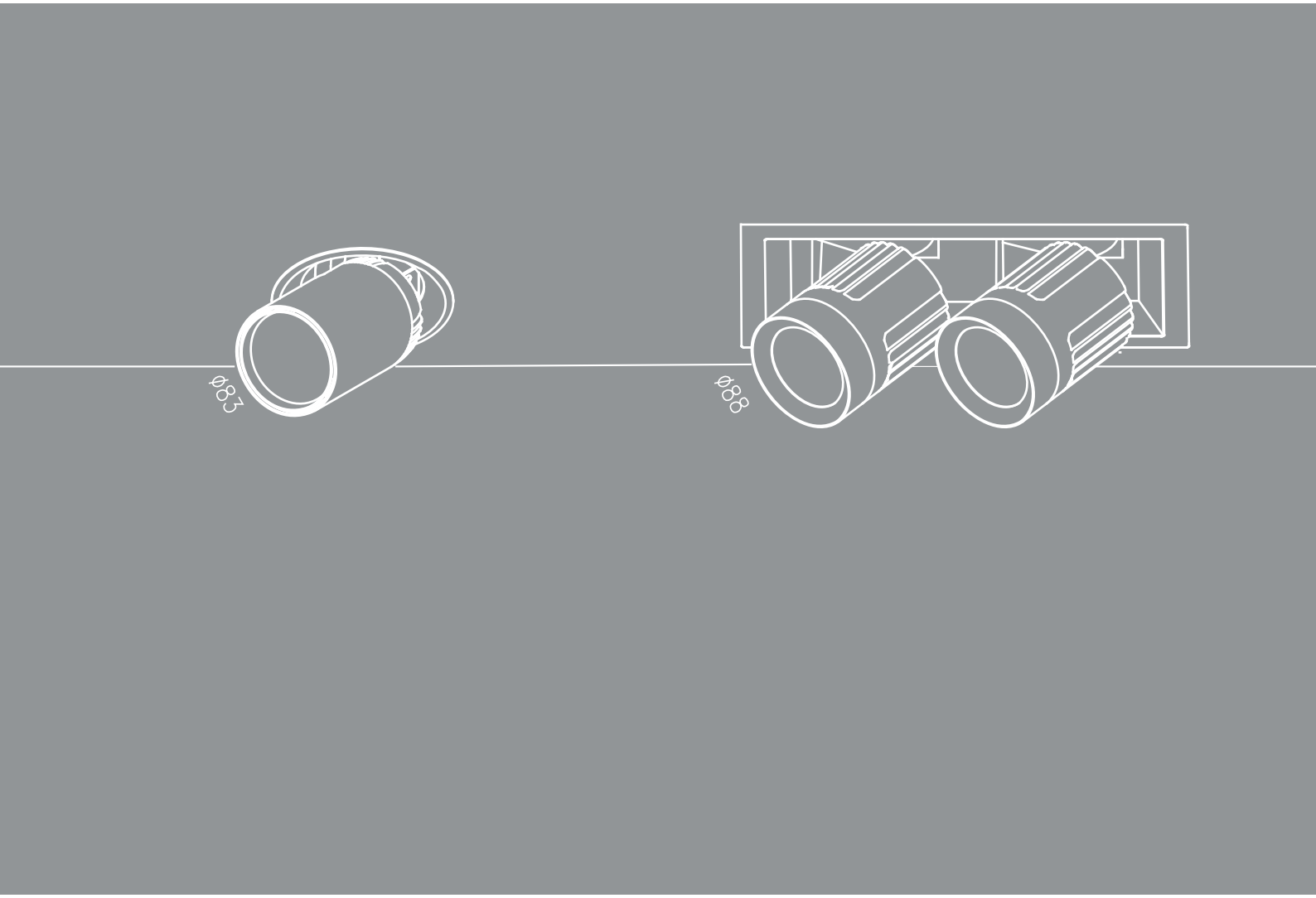
Rotate to adjust zoom angle

Ø 83

LED COB type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency lens, it can be perform various beam angle.

Ø 88 MULTI DOWN SPOT

LED COB type allow to produce fixture of homogenous lighting performance and high-efficiency natural looking light.
And with use high efficiency reflector, it can be perform various beam angle.



Flow Ø 35 DDS-27600 SERIES

Recessed Down Spot Light

TYPE OF LED : POWER LED

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE PLATE
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Rotate ∠355°)

HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

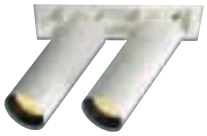
MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

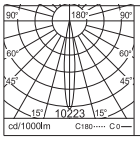
HEAT SINK
AL. Extrude, Electrostatic Powder Coating

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

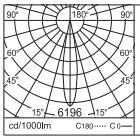
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDS-27600							
9 W	5 W	12 Vdc	450 mA	90	3 000 K	12.5 °	419 lm
						17.5 °	396 lm
						25.5 °	394 lm
DDS-27600.06 (Zoom Type)							
7 W	5 W	12 Vdc	450 mA	90	3 000 K	10.2~31.0 °	
					Zoom IN	10.2 °	176 lm
					Zoom OUT	31.0 °	262 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

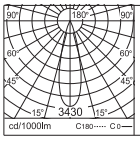




h(m)	E(lx)	D(mm)
		12.5°
1	5388	220
2	1347	439
3	599	659

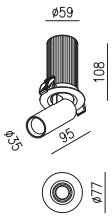


h(m)	E(lx)	D(mm)
		17.5°
1	3265	309
2	816	617
3	363	926



h(m)	E(lx)	D(mm)
		25.5°
1	1807	453
2	452	905
3	201	1358

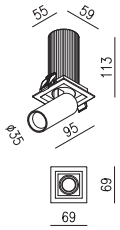
DDS-27600



0.2 kg

ø 65 mm

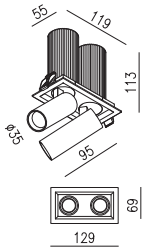
DDS-27600.02 NEW



0.25 kg

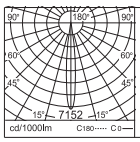
65 x 60 mm

DDS-27600.03 NEW



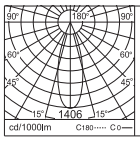
0.6 kg

124 x 60 mm



h(m)	E(lx)	D(mm)
		10.2°
1	4692	178
2	1173	357
3	521	535

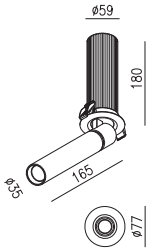
Zoom IN



h(m)	E(lx)	D(mm)
		31.0°
1	922	554
2	231	1109
3	102	1663

Zoom OUT

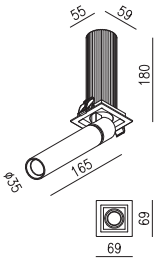
DDS-27600.06 NEW



0.5 kg

ø 65 mm

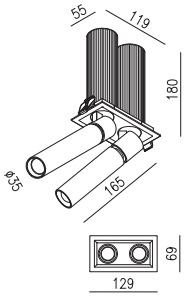
DDS-27600.07 NEW



0.5 kg

65 x 60 mm

DDS-27600.08 NEW



1.1 kg

124 x 60 mm

Flow Ø 60 DDS-27610 SERIES

Recessed Down Spot Light

DDC-27610.01 COB
DDC-27610.06

DDC-27610.02 LED LAMP

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE PLATE
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Rotate ∠355°)

HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

REFLECTOR
LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DDS-27610.01 / DDS-27610.06

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DDS-27610.01							
24 W	21 W	35 Vdc	600 mA	80	3 000 K	23.5°	2 610 lm
						31.0°	2 623 lm
						47.2°	2 676 lm
DDS-27610.06 (Zoom Type)							
19 W	16 W	35 Vdc	450 mA	80	3 000 K	23.6 ~ 32.8°	
						23.6°	1 235 lm
						32.8°	1 505 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

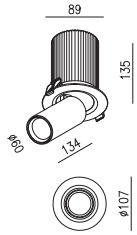
DDS-27610.02

TYPE OF LED	LED LAMP (CN50-COB)
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	37 Vdc	350 mA	80	3 000 K	26.0°	1 387 lm
						36.9°	1 363 lm

LED LIFETIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

DDS-27610.01

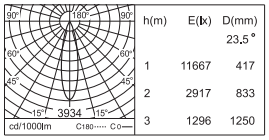


0.3 kg

ø 94 mm

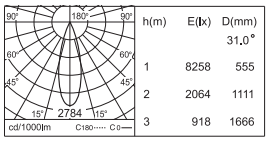
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

3 000 K



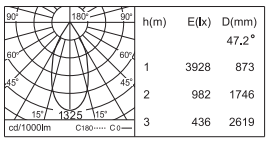
h(m)	E(lx)	D(mm)
		23.5°
1	11667	417
2	2917	833
3	1296	1250

3 000 K



h(m)	E(lx)	D(mm)
		31.0°
1	8258	555
2	2064	1111
3	918	1666

3 000 K

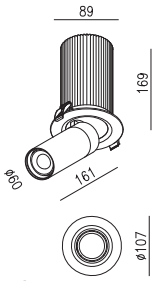


h(m)	E(lx)	D(mm)
		47.2°
1	3928	873
2	982	1746
3	436	2619

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DDS-27610.06 NEW

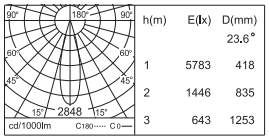


0.6 kg

ø 94 mm

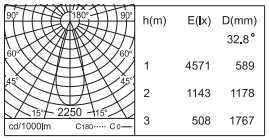
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

Zoom IN



h(m)	E(lx)	D(mm)
		23.6°
1	5783	418
2	1446	835
3	643	1253

Zoom OUT

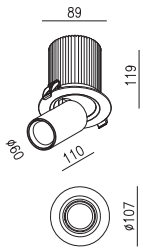


h(m)	E(lx)	D(mm)
		32.8°
1	4571	589
2	1143	1178
3	508	1767

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DDS-27610.02

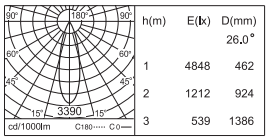


0.3 kg

ø 94 mm

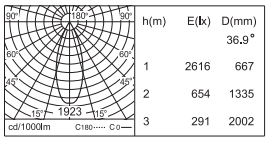
TYPE OF LED	LED LAMP (CN50-COB)
INPUT VOLTAGE	220-240V AC , 50-60Hz

3 000 K



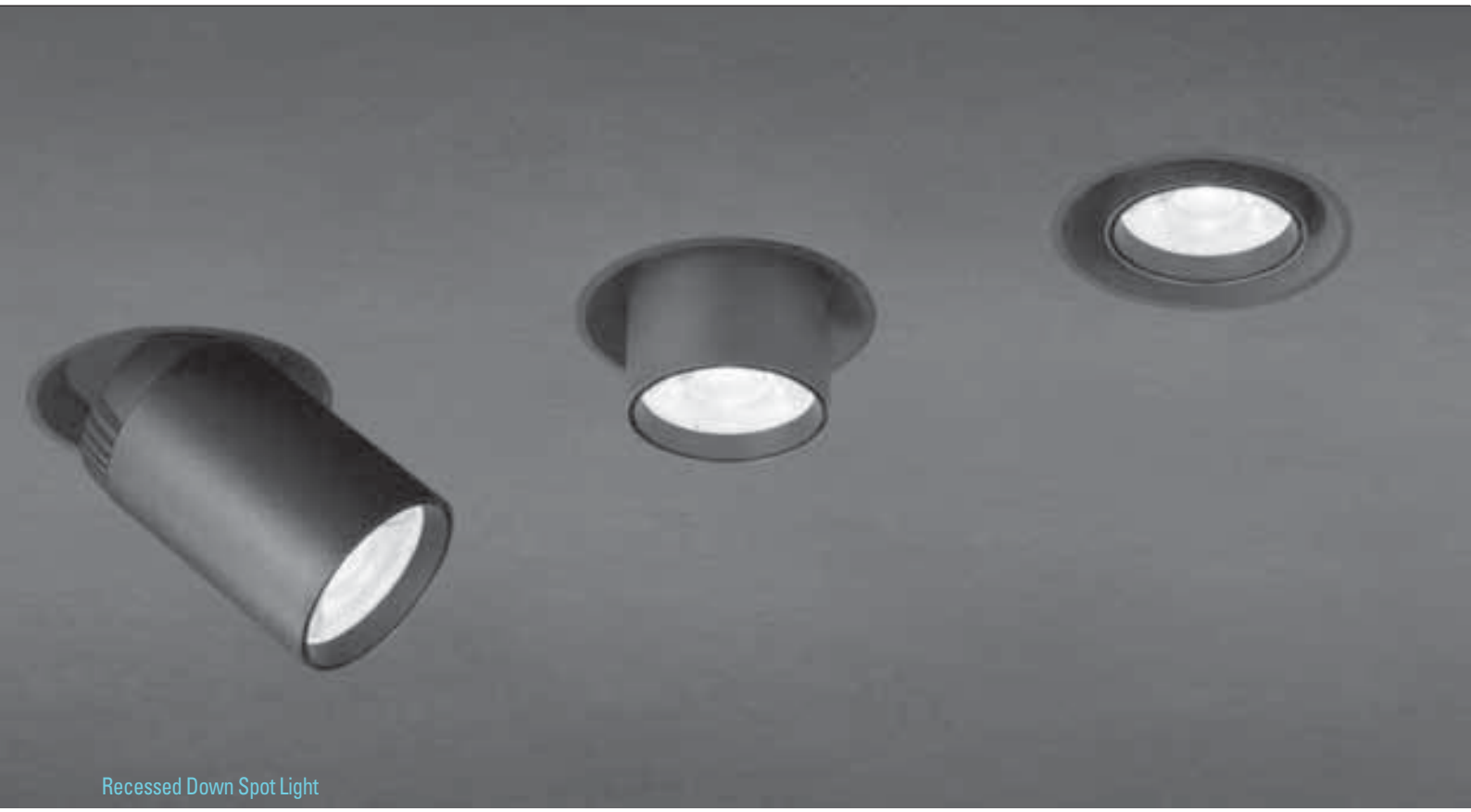
h(m)	E(lx)	D(mm)
		26.0°
1	4848	462
2	1212	924
3	539	1386

3 000 K



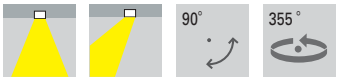
h(m)	E(lx)	D(mm)
		36.9°
1	2616	667
2	654	1335
3	291	2002

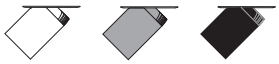
Flow ø 83 DDS-27620 NEW



Recessed Down Spot Light

TYPE OF LED : COB





TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE PLATE
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Rotate ∠355°)

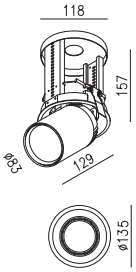
HOUSING
AL. Extrude, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠90°)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
LENS

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DDS-27620.01



1.2 kg

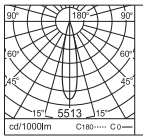
ø 125 mm

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
32 W	28 W	35 Vdc	800 mA	80	3 000 K	19.9 °	3 380 lm
						31.2 °	3 535 lm
						47.9 °	3 452 lm

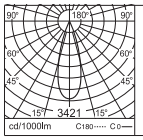
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



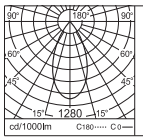
h(m)	E(lx)	D(mm)
		19.9 °
1	21528	351
2	5382	701
3	2392	1052

3 000 K



h(m)	E(lx)	D(mm)
		31.2 °
1	13358	559
2	3339	1117
3	1484	1676

3 000 K



h(m)	E(lx)	D(mm)
		47.9 °
1	4998	889
2	1250	1779
3	555	2668

CCT MULTIPLIERS

	CRI 80	**CRI 90**
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Flow ø 88
MULTI DOWN SPOT

Flow ø 88 DDS-27630 SERIES NEW

Recessed Down Spot Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

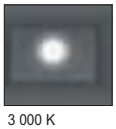
HEAT SINK & HOUSING
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

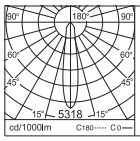
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
28 W	24 W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

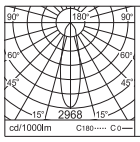


3 000 K



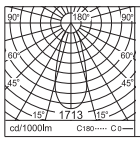
h(m)	E(lx)	D(mm)
		17.8°
1	19683	313
2	4921	626
3	2187	940

3 000 K



h(m)	E(lx)	D(mm)
		26.0°
1	10984	461
2	2746	923
3	1220	1384

3 000 K

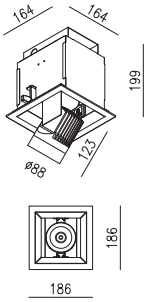


h(m)	E(lx)	D(mm)
		39.2°
1	6340	713
2	1585	1426
3	704	2139

CCT MULTIPLIERS

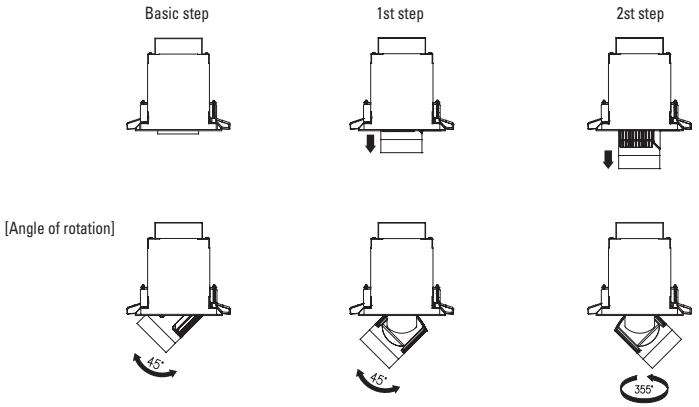
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DDS-27630.01

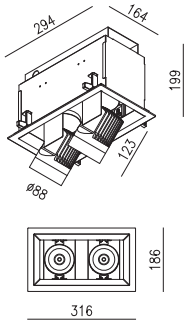


1.9 kg

170 x 170 mm



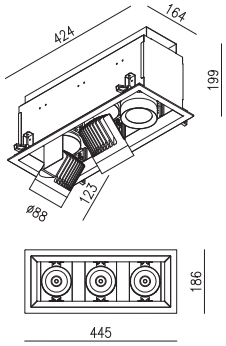
DDS-27630.02



3.9 kg

300 x 170 mm

DDS-27630.03



5.8 kg

430 x 170 mm

MULTIPLO LED MULTI DOWN LIGHT

Multiplo

RECESSED DOWN LIGHTS / ACCENT LIGHTS

Multiplo-M

MULTIPLO M
DD-37000.01 SERIES
P.242

MULTIPLO M
DD-37000.02 SERIES
P.244

MULTIPLO M
DD-37000.04 SERIES
P.246

MULTIPLO M
DD-37000.06 SERIES
P.248

MULTIPLO M
DD-37000.08 SERIES
P.250

MULTIPLO M
DD-37000.09 SERIES
P.252

MULTIPLO M
DD-37000.10 SERIES
P.254

NEW

MULTIPLO M
DD-37010.11 SERIES
P.256

Multiplo-S

MULTIPLO S
DD-30013.04 SERIES
P.262

MULTIPLO S
DD-37100.05 SERIES
P.264

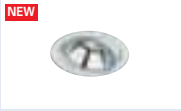
MULTIPLO S
DD-37110.06 SERIES
P.266

MULTIPLO S
DD-37100.07 SERIES
P.268

MULTIPLO S
DD-37100.08 SERIES
P.270

MULTIPLO S
DD-37100.09 SERIES
P.272

NEW

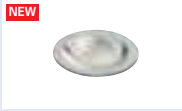


MULTIPLO S
DD-37100.10 SERIES
P.274

NEW

MULTIPLO S
DD-37110.11 SERIES
P.276

NEW



MULTIPLO S
DD-37100.12 SERIES
P.278

Multiplo-L

MULTIPLO L
DD-37200.01 SERIES
P.282

MULTIPLO L
DD-37200.03 SERIES
P.284

MULTIPLO L
DD-37200.04 SERIES
P.288

MULTIPLO L
DD-37200.05 SERIES
P.290

MULTIPLO L
DD-37200.06 SERIES
P.292

Multiplo-M

DD-37000.01 Series

Recessed Down Light / Accent Light

TYPE OF LED : POWER LED

TRIM
AL. Die-Casting, Electrostatic Powder Coating

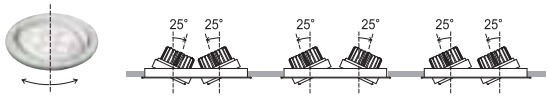
ADJUSTABLE RING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠25 °)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

ACCESSORY
Beam angle LENS

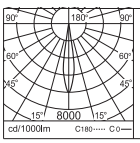
TYPE OF LED			POWER LED				
INPUT VOLTAGE			220-240 Vac , 50/60 Hz				
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37000.01							
9 W	7 W	20 Vdc	350 mA	80	3 000 K	15.2 °	709 lm
						23.4 °	664 lm
						32.4 °	639 lm
						43.6 °	618 lm
DD-37001.01							
17 W	15 W	21 Vdc	700 mA	80	3 000 K	15.4 °	1 099 lm
						23.6 °	1 080 lm
						32.2 °	1 043 lm
						42.8 °	995 lm

tilt adjustable 25 °

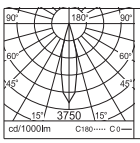


OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

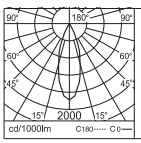
9 W
3 000 K



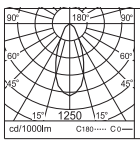
h(m)	E(lx)	D(mm)
		15.2 °
1	6822	239
2	1706	477
3	758	716



h(m)	E(lx)	D(mm)
		23.4 °
1	3069	401
2	767	802
3	341	1203

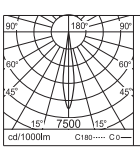


h(m)	E(lx)	D(mm)
		32.4 °
1	1584	576
2	396	1152
3	176	1728

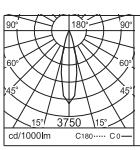


h(m)	E(lx)	D(mm)
		43.6 °
1	924	762
2	231	1524
3	103	2286

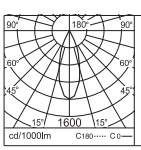
17 W
3 000 K



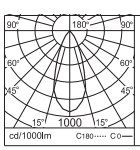
h(m)	E(lx)	D(mm)
		15.4 °
1	10893	293
2	2723	586
3	1210	879



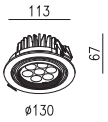
h(m)	E(lx)	D(mm)
		23.6 °
1	5007	385
2	1252	769
3	556	1154



h(m)	E(lx)	D(mm)
		32.2 °
1	2611	599
2	653	1198
3	290	1798



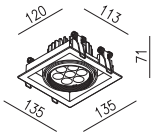
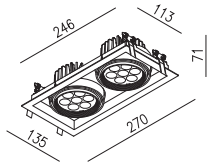
h(m)	E(lx)	D(mm)
		42.8 °
1	1520	763
2	380	1527
3	169	2290



DD-37000.01 POWER LED 9 W x 1, 17 W x 1

ø 120mm

0.6 kg

with Trim	without Trim
DD-37010.01 POWER LED 9 W x 1, 17 W x 1	DD-37010.01-02 POWER LED 9 W x 1, 17 W x 1
	
125 x 125mm 1.0 kg	OPTION (Trimless Multi Down Light)
DD-37020.01 POWER LED 9 W x 2, 17 W x 2	DD-37020.01-02 POWER LED 9 W x 2, 17 W x 2
	
260 x 125mm 1.6 kg	OPTION (Trimless Multi Down Light)

Multiplo-M

DD-37000.02 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 15 °)

REFLECTOR
AL. Anodized Specular Silver & LENS

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

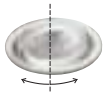
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

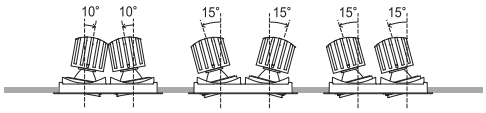
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37000.02							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DD-37001.02							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258

tilt adjustable 15 °



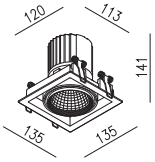


DD-37000.02 COB 20 W x 1
DD-37001.02 COB 28 W x 1

ø 120mm

0.6 kg

with Trim		without Trim	
DD-37010.02	COB 20 W x 1	DD-37010.02-02	COB 20 W x 1
DD-37011.02	COB 28 W x 1	DD-37011.02-02	COB 28 W x 1

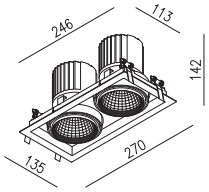


125 x 125mm

1.0 kg

OPTION (Trimless Multi Down Light)

DD-37020.02	COB 20 W x 2	DD-37020.02-02	COB 20 W x 2
DD-37021.02	COB 28 W x 2	DD-37021.02-02	COB 28 W x 2



260 x 125mm

1.6 kg

OPTION (Trimless Multi Down Light)

Multiplo-M

DD-37000.04 Series

Recessed Down Light / Accent Light

TYPE OF LED : POWER LED

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠25°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

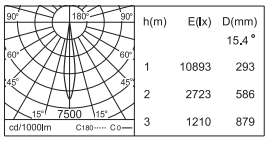
ACCESSORY
Beam angle LENS

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37000.04							
17 W	15 W	21 Vdc	700 mA	80	3 000 K	15.4°	1 099 lm
						23.6°	1 080 lm
						32.2°	1 043 lm
						42.8°	995 lm

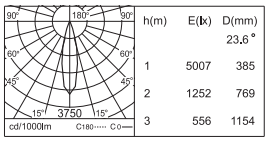
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



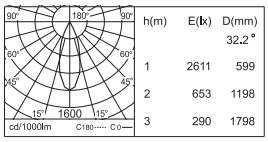
h(m)	E(lx)	D(mm)
		15.4°
1	10893	293
2	2723	586
3	1210	879

3 000 K



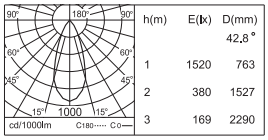
h(m)	E(lx)	D(mm)
		23.6°
1	5007	385
2	1252	769
3	556	1154

3 000 K



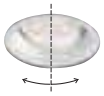
h(m)	E(lx)	D(mm)
		32.2°
1	2611	599
2	653	1198
3	290	1798

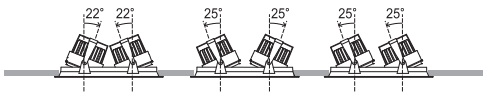
3 000 K



h(m)	E(lx)	D(mm)
		42.8°
1	1520	763
2	380	1527
3	169	2290

tilt adjustable 25°



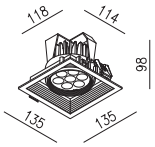


DD-37000.04 POWER LED 17 W x 1

120 mm

0.7 kg

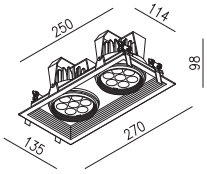
DD-37010.04 POWER LED 17 W x 1



125 x 125 mm

1.0 kg

DD-37020.04 POWER LED 17 W x 2



260 x 125 mm

1.2 kg

Multiplo-M

DD-37000.06 Series

Reflector

Lens

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠25 °)

ADJUSTABLE BRACKET
Steel

REFLECTOR
AL. Anodized Specular Silver or LENS

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

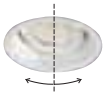
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

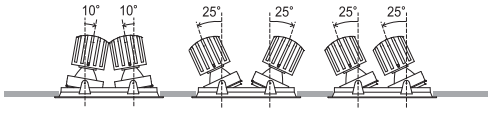
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DD-37000.06							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DD-37001.06							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm
LENS Type							
DD-37000.06							
20 W	16W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DD-37001.06							
27 W	24W	35 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258-259

tilt adjustable 25 °



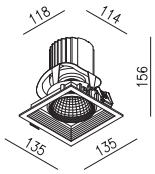


DD-37000.06	COB 20 W x 1
DD-37001.06	COB 28 W x 1

ø 120mm

0.6 kg

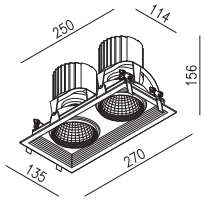
DD-37010.06	COB 20 W x 1
DD-37011.06	COB 28 W x 1



125 x 125 mm

0.6 kg

DD-37020.06	COB 20 W x 2
DD-37021.06	COB 28 W x 2



260 x 125 mm

1.2 kg

Multiplo-M

DD-37000.08 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

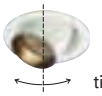
TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 25°)

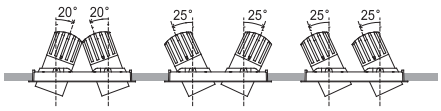
REFLECTOR
AL. Anodized Specular Silver or LENS

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating



tilt adjustable 25°



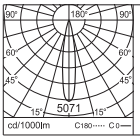
TYPE OF LED	COB						
INPUT VOLTAGE	220-240 Vac , 50/60 Hz						
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DD-37000.08							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7°	1 656 lm
						24.2°	1 684 lm
						32.2°	1 685 lm
DD-37001.08							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.7°	2 238 lm
						24.2°	2 279 lm
						32.3°	2 264 lm
LENS Type							
DD-37000.08							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	19.7°	2 078 lm
						32.4°	2 131 lm
						48.5°	2 025 lm
DD-37001.08							
28 W	24W	35 Vdc	700 mA	80	3 000 K	19.8°	2 747 lm
						32.6°	2 835 lm
						48.7°	2 851 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

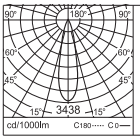
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

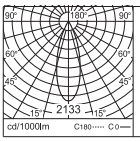
20 W Reflector type / 3 000 K



h(m)	E(lx)	D(mm) 17.7°
1	13404	312
2	3351	624
3	1489	935

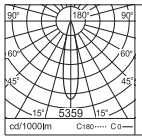


h(m)	E(lx)	D(mm) 24.2°
1	9087	429
2	2272	859
3	1010	1288

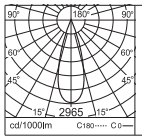


h(m)	E(lx)	D(mm) 32.2°
1	5639	577
2	1410	1153
3	627	1730

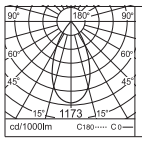
20 W Lens / 3 000 K



h(m)	E(lx)	D(mm) 19.7°
1	14163	347
2	3541	694
3	1574	1040

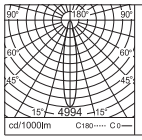


h(m)	E(lx)	D(mm) 32.4°
1	7837	581
2	1959	1163
3	871	1744

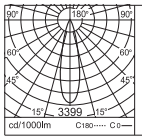


h(m)	E(lx)	D(mm) 48.5°
1	3100	900
2	775	1801
3	344	2701

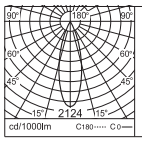
28 W Reflector type / 3 000 K



h(m)	E(lx)	D(mm) 17.7°
1	17954	311
2	4488	623
3	1995	934

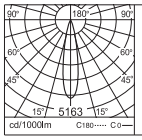


h(m)	E(lx)	D(mm) 24.2°
1	12220	428
2	3055	856
3	1358	1284

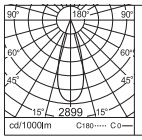


h(m)	E(lx)	D(mm) 32.3°
1	7634	578
2	1908	1157
3	848	1735

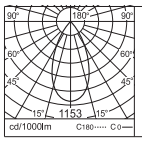
28 W Lens / 3 000 K



h(m)	E(lx)	D(mm) 19.8°
1	18560	349
2	4640	699
3	2062	1048



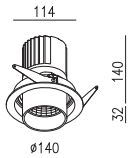
h(m)	E(lx)	D(mm) 32.6°
1	10421	584
2	2605	1168
3	1158	1753



h(m)	E(lx)	D(mm) 48.7°
1	4146	905
2	1037	1811
3	461	2716

DD-37000.08 COB 20 Wx 1

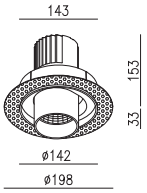
DD-37001.08 COB 28 W x 1



0.8 kg ø 130mm

DD-37000.08-02 COB 20 W x 1

DD-37001.08-02 COB 28 W x 1

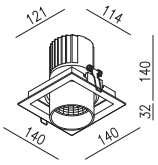


Trimless Down Light

0.8 kg ø 145mm

DD-37010.08 COB 20 Wx 1

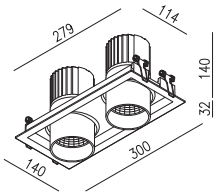
DD-37011.08 COB 28 W x 1



0.8 kg 130 x 130mm

DD-37020.08 COB 20 W x 2

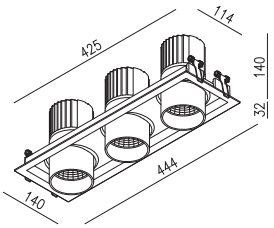
DD-37021.08 COB 28 W x 2



1.6 kg 285 x 130mm

DD-37030.08 COB 20 W x 3

DD-37031.08 COB 28 W x 3



2.4 kg 430 x 130mm

Multiplo-M

DD-37000.09 Series

Reflector

Lens

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠15 °)

ADJUSTABLE BRACKET
Steel

REFLECTOR
AL. Anodized Specular Silver or LENS

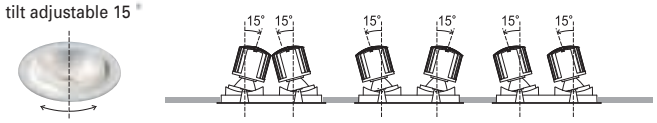
MOUNTING RING
Aluminium, Electrostatic Powder Coating

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED			COB				
INPUT VOLTAGE			220-240 Vac , 50/60 Hz				
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
REFLECTOR Type							
DD-37000.09							
20 W	16 W	34 Vdc	500 mA	80	3 000 K	17.7 °	2 277 lm
						25.5 °	2 244 lm
						38.9 °	2 284 lm
DD-37001.09							
28 W	24W	35 Vdc	700 mA	80	3 000 K	17.8 °	3 044 lm
						26.0 °	3 000 lm
						39.2 °	3 056 lm
LENS Type							
DD-37000.09							
20 W	16W	34 Vdc	500 mA	80	3 000 K	20.0 °	2 278 lm
						30.6 °	2 299 lm
						50.7 °	2 335 lm
DD-37001.09							
27 W	24W	35 Vdc	700 mA	80	3 000 K	20.0 °	2 993 lm
						30.7 °	3 086 lm
						50.9 °	3 119 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 258-259

tilt adjustable 15 °

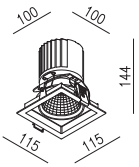


DD-37000.09	COB 20 W x 1
DD-37001.09	COB 28 W x 1

ø 105 mm

0.6 kg

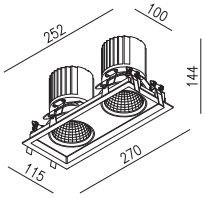
DD-37010.09	COB 20 W x 1
DD-37011.09	COB 28 W x 1



105 x 105 mm

0.6 kg

DD-37020.09	COB 20 W x 2
DD-37021.09	COB 28 W x 2



258 x 105 mm

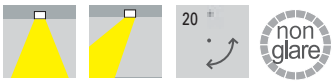
1.2 kg

Multiplo-M

DD-37000.10 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ±20°)

REFLECTOR
Non Glare Reflector (White Chrome or Dark Chorme)

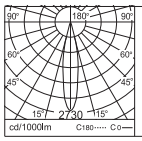
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37000.10							
24 W	21 W	36 Vdc	600 mA	80	3 000 K	16.7°	2 079 lm
						28.6°	2 025 lm
						41.7°	2 074 lm
DD-37001.10							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	21.3°	3 242 lm
						25.9°	3 286 lm
						37.4°	3 163 lm

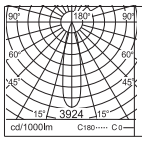
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

24 W / 3 000 K

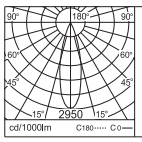


h(m)	E(lx)	D(mm)
		16.7°
1	14796	293
2	3699	586
3	1644	879

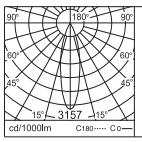
32 W / 3 000 K



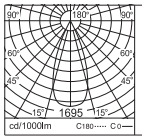
h(m)	E(lx)	D(mm)
		21.3°
1	16535	377
2	4134	754
3	1837	1131



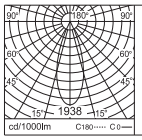
h(m)	E(lx)	D(mm)
		28.6°
1	7617	510
2	1904	1019
3	846	1529



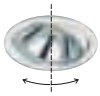
h(m)	E(lx)	D(mm)
		25.9°
1	13305	460
2	3326	921
3	1478	1381



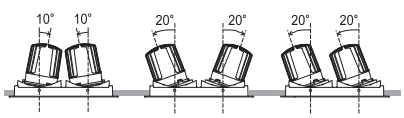
h(m)	E(lx)	D(mm)
		41.7°
1	4378	761
2	1094	1522
3	486	2284



h(m)	E(lx)	D(mm)
		37.4°
1	8167	676
2	2042	1352
3	907	2028



tilt adjustable 20°



CCT MULTIPLIERS

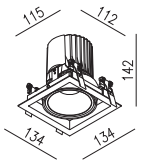
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

DD-37000.10	COB 24 W x 1
DD-37001.10	COB 32 W x 1

ø 120mm

0.6 kg

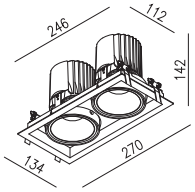
DD-37010.10	COB 24 W x 1
DD-37011.10	COB 32 W x 1



125 x 125 mm

0.6 kg

DD-37020.10	COB 24 W x 1
DD-37021.10	COB 32 W x 1



250 x 125mm

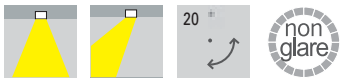
1.2 kg

Multiplo-M

DD-37010.11 Series NEW

Recessed Down Light / Accent Light

TYPE OF LED : COB



White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20°)

REFLECTOR
Non Glare Reflector (White Chrome or Dark Chorme)

White Chrome

Dark Chrome

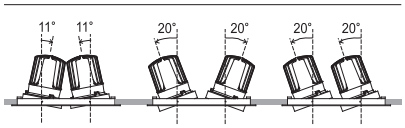
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37010.11							
24 W	21 W	36 Vdc	600 mA	80	3 000 K	16.7°	2 079 lm
						28.6°	2 025 lm
						41.7°	2 074 lm
DD-37011.11							
32 W	28 W	36 Vdc	800 mA	80	3 000 K	21.3°	3 242 lm
						25.9°	3 286 lm
						37.4°	3 163 lm

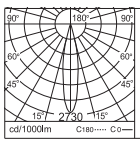
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

tilt adjustable 20°



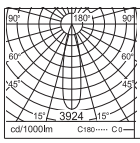
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91



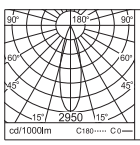
24 W / 3 000 K

h(m)	E(lx)	D(mm) 16.7°
1	14796	293
2	3699	586
3	1644	879

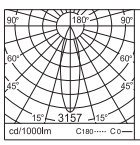


32 W / 3 000 K

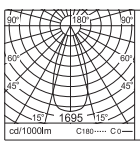
h(m)	E(lx)	D(mm) 21.3°
1	16535	377
2	4134	754
3	1837	1131



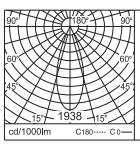
h(m)	E(lx)	D(mm) 28.6°
1	7617	510
2	1904	1019
3	846	1529



h(m)	E(lx)	D(mm) 25.9°
1	13305	460
2	3326	921
3	1478	1381

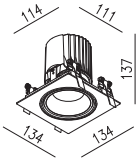


h(m)	E(lx)	D(mm) 41.7°
1	4378	761
2	1094	1522
3	486	2284



h(m)	E(lx)	D(mm) 37.4°
1	8167	676
2	2042	1352
3	907	2028

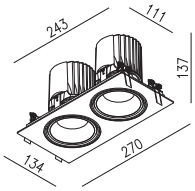
DD-37010.11	COB 24 W x 1
DD-37011.11	COB 32 W x 1



125 x 125 mm

0.6 kg

DD-37020.11	COB 24 W x 1
DD-37021.11	COB 32 W x 1



250 x 125mm

1.2 kg

Photometric Data

Reflector Type or Lens Type _ Photometric Data

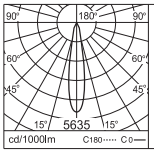
CCT : 3 000 K (CRI 80)

REFLECTOR TYPE

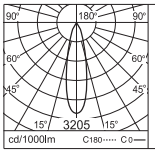
Watts: 20 W **Output Current:** 500 mA

DDC-65170.01 / DDC-65190 / DDC-65240
DDC-65250 / DDC-65290.01

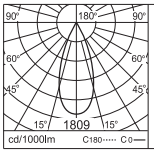
DD-37000.02 series / DD-37000.06 series
DD-37000.09 series



h(m)	E(lx)	D(mm)
		17.7°
1	14893	312
2	3723	624
3	1655	936



h(m)	E(lx)	D(mm)
		25.5°
1	8470	453
2	2118	905
3	941	1358

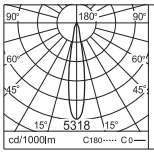


h(m)	E(lx)	D(mm)
		38.9°
1	4780	705
2	1195	1411
3	531	2116

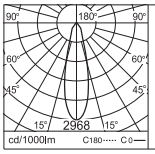
Watts: 28 W **Output Current:** 700 mA

DDC-65171.01 / DDC-65191 / DDC-65241
DDC-65251 / DDC-65291.01

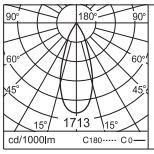
DD-37001.02 series / DD-37001.06 series
DD-37001.09 series



h(m)	E(lx)	D(mm)
		17.8°
1	19683	313
2	4921	626
3	2187	940



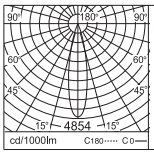
h(m)	E(lx)	D(mm)
		26.0°
1	10984	461
2	2746	923
3	1220	1384



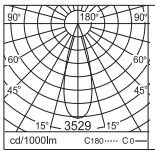
h(m)	E(lx)	D(mm)
		39.2°
1	6340	713
2	1585	1426
3	704	2139

Watts: 34 W **Output Current:** 800 mA

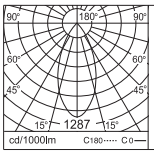
DDC-65060.01 / DDC-65060.02



h(m)	E(lx)	D(mm)
		20.7°
1	20455	365
2	5114	730
3	2273	1096



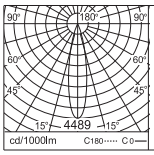
h(m)	E(lx)	D(mm)
		29.8°
1	14872	533
2	3718	1066
3	1652	1599



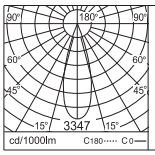
h(m)	E(lx)	D(mm)
		46.0°
1	5425	849
2	1356	1698
3	603	2548

Watts: 43 W **Output Current:** 1 050 mA

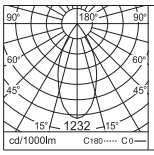
DDC-65061.01 / DDC-65061.02



h(m)	E(lx)	D(mm)
		21.0°
1	24211	370
2	6053	740
3	2690	1109



h(m)	E(lx)	D(mm)
		29.8°
1	18052	532
2	4513	1064
3	2006	1596



h(m)	E(lx)	D(mm)
		45.9°
1	6644	846
2	1661	1692
3	738	2538

CCT MULTIPLIERS

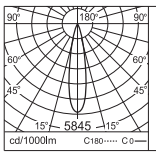
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

CCT : 3 000 K (CRI 80)

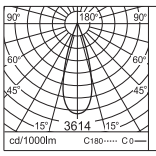
LENS TYPE

Watts: 20 W **Output Current:** 500 mA

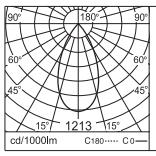
DDC-65170.01 / DDC-65170.05 / DDC-65170.06
DDC-65190 / DDC-65240
DDC-65250 / DDC-65290.01
DD-37000.06 series / DD-37000.09 series



h(m)	E(lx)	D(mm) 20.0°
1	14835	352
2	3709	704
3	1648	1056



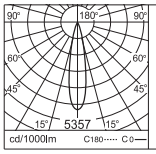
h(m)	E(lx)	D(mm) 30.6°
1	9171	547
2	2293	1094
3	1019	1640



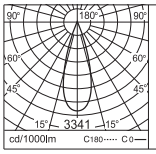
h(m)	E(lx)	D(mm) 50.7°
1	3079	949
2	770	1897
3	342	2846

Watts: 28 W **Output Current:** 700 mA

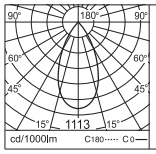
DDC-65171.01 / DDC-65171.05 / DDC-65171.06
DDC-65191 / DDC-65241
DDC-65251 / DDC-65291.01
DD-37001.06 series / DD-37001.09 series



h(m)	E(lx)	D(mm) 20.0°
1	19542	353
2	4885	706
3	2171	1059



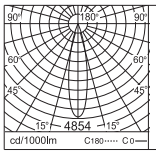
h(m)	E(lx)	D(mm) 30.7°
1	12189	549
2	3047	1098
3	1354	1646



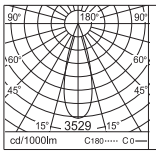
h(m)	E(lx)	D(mm) 50.9°
1	4061	952
2	1015	1904
3	451	2857

Watts: 34 W **Output Current:** 800 mA

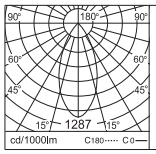
DDC-65060.01 / DDC-65060.02



h(m)	E(lx)	D(mm) 20.7°
1	20455	365
2	5114	730
3	2273	1096



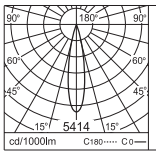
h(m)	E(lx)	D(mm) 29.8°
1	14872	533
2	3718	1066
3	1652	1599



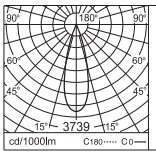
h(m)	E(lx)	D(mm) 46.0°
1	5425	849
2	1356	1698
3	603	2548

Watts: 37 W **Output Current:** 900 mA

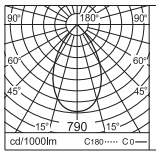
DDC-65172.05 / DDC-65172.06



h(m)	E(lx)	D(mm) 20.4°
1	20994	359
2	5248	718
3	2333	1077



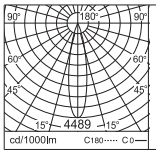
h(m)	E(lx)	D(mm) 28.9°
1	14500	515
2	3625	1030
3	1611	1545



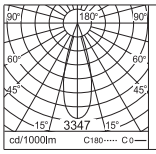
h(m)	E(lx)	D(mm) 60.6°
1	3064	1170
2	766	2340
3	340	3510

Watts: 43 W **Output Current:** 1 050 mA

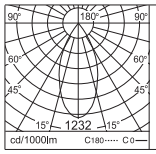
DDC-65061.01 / DDC-65061.02



h(m)	E(lx)	D(mm) 21.0°
1	24211	370
2	6053	740
3	2690	1109



h(m)	E(lx)	D(mm) 29.8°
1	18052	532
2	4513	1064
3	2006	1596



h(m)	E(lx)	D(mm) 45.9°
1	6644	846
2	1661	1692
3	738	2538

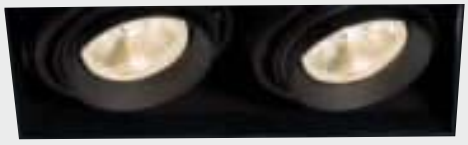
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

MARCS
PLAY

Multiplo-S

DD-30013.04 Series



Recessed Down Light / Accent Light

TYPE OF LED : LED LAMP

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 25°)

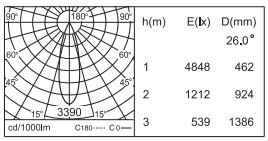
MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

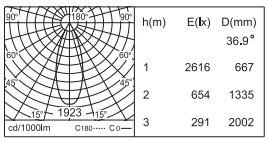
HOUSING
Steel

TYPE OF LED	LED LAMP (CN50-COB)
INPUT VOLTAGE	220-240V AC , 50-60Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	37 Vdc	350 mA	80	3 000 K	26.0°	1 387 lm
						36.9°	1 363 lm

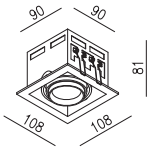
LED LIFETIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K





with Trim

DD-30013.04 LED LAMP 15 W x 1



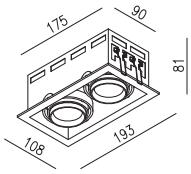
96 x 96 mm 0.4 kg

without Trim

DD-30013.04-02 LED LAMP 15 W x 1

with Trim

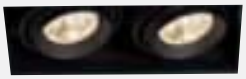
DD-30023.04 LED LAMP 15 W x 2



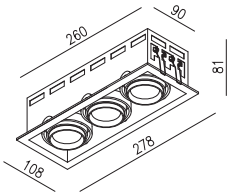
179 x 96 mm 0.7 kg

without Trim

DD-30023.04-02 LED LAMP 15 W x 2



DD-30033.04 LED LAMP 15 W x 3



264 x 96 mm 1.0 kg

DD-30033.04-02 LED LAMP 15 W x 3

Multiplo-S

DD-37100.05 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 20°)

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

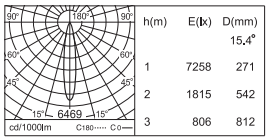
HEAT SINK
AL.Die-Casting, Deposition Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	15.4°	930 lm
						28.3°	901 lm
						41.4°	931 lm

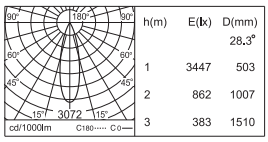
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



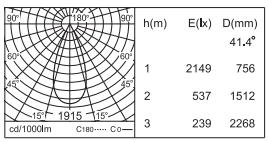
h(m)	E(lx)	D(mm)
		15.4°
1	7258	271
2	1815	542
3	806	812

3 000 K



h(m)	E(lx)	D(mm)
		28.3°
1	3447	503
2	862	1007
3	383	1510

3 000 K

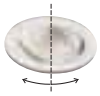


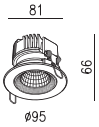
h(m)	E(lx)	D(mm)
		41.4°
1	2149	756
2	537	1512
3	239	2268

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 20°

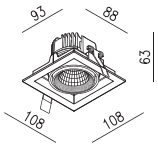
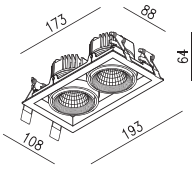
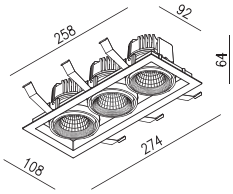




DD-37100.05 COB 10 W x 1

ø 85 mm

0.3 kg

with Trim	without Trim
DD-37110.05 COB 10 W x 1	DD-37110.05-02 COB 10 W x 1
	
100 x 100 mm 0.4 kg	OPTION (Trimless Multi Down Light)
DD-37120.05 COB 10 W x 2	DD-37120.05-02 COB 10 W x 2
	
180 x 100 mm 0.7 kg	OPTION (Trimless Multi Down Light)
DD-37130.05 COB 10 W x 3	DD-37130.05-02 COB 10 W x 3
	
265 x 100 mm 1.0 kg	OPTION (Trimless Multi Down Light)

Multiplo-S

DD-37110.06 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ±20°)

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

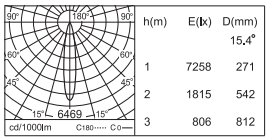
HEAT SINK
AL.Die-Casting, Deposition Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	15.4°	930 lm
						28.3°	901 lm
						41.4°	931 lm

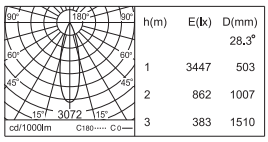
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



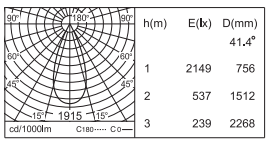
h(m)	E(lx)	D(mm)
		15.4°
1	7258	271
2	1815	542
3	806	812

3 000 K



h(m)	E(lx)	D(mm)
		28.3°
1	3447	503
2	862	1007
3	383	1510

3 000 K

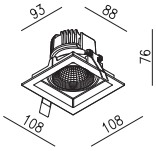


h(m)	E(lx)	D(mm)
		41.4°
1	2149	756
2	537	1512
3	239	2268

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 20°

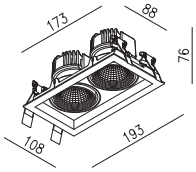


DD-37110.06 COB 10 W x 1

100 x 100 mm

0.4 kg

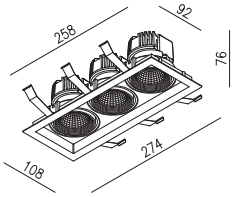
DD-37120.06 COB 10 W x 2



180 x 100 mm

0.7 kg

DD-37130.06 COB 10 W x 3



265 x 100 mm

1.0 kg

Multiplo-S

DD-37100.07 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 25°)

REFLECTOR
PC (Vacuum Coating)

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

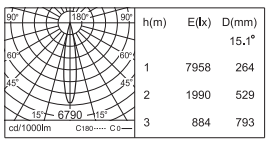
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
10 W	8 W	34 Vdc	250 mA	80	3 000 K	15.1°	741 lm
						23.8°	673 lm
						34.0°	750 lm

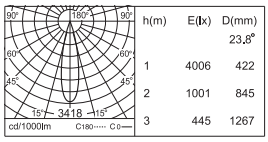
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



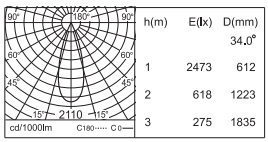
h(m)	E(lx)	D(mm)
		15.1°
1	7958	264
2	1990	529
3	884	793

3 000 K



h(m)	E(lx)	D(mm)
		23.8°
1	4006	422
2	1001	845
3	445	1267

3 000 K

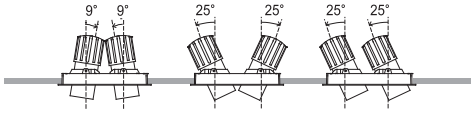


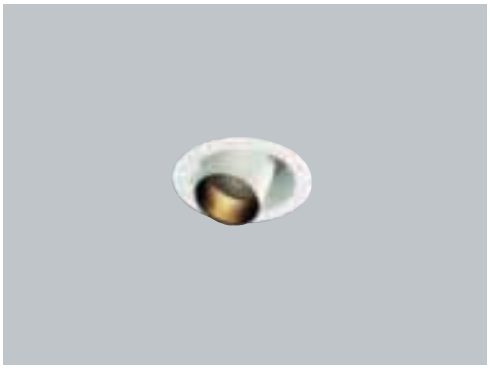
h(m)	E(lx)	D(mm)
		34.0°
1	2473	612
2	618	1223
3	275	1835

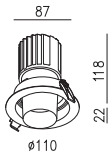
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 25°





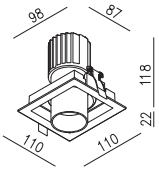


DD-37100.07 COB 10 W x 1, 15 W x 1

ø 102 mm

0.3 kg

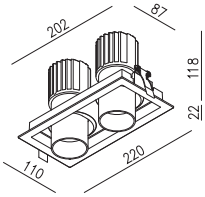
DD-37110.07 COB 10 W x 1, 15 W x 1



0.4 kg

100 x 100 mm

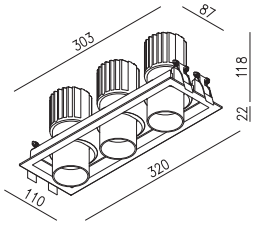
DD-37120.07 COB 10 W x 2, 15 W x 2



0.7 kg

208 x 100 mm

DD-37130.07 COB 10 W x 3, 15 W x 3



1.0 kg

308 x 100 mm

Multiplo-S

DD-37100.08 Series

Trimless

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 17°)

REFLECTOR
LENS

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

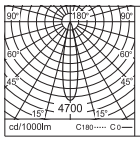
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37100.08							
10 W	8 W	34 Vdc	250 mA	80	3 000 K	20.5°	996 lm
						31.1°	1 020 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

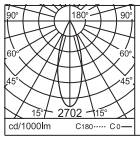
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K



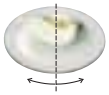
h(m)	E(lx)	D(mm)
		20.5°
1	5334	362
2	1334	725
3	593	1087

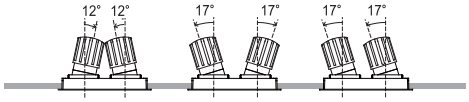
3 000 K



h(m)	E(lx)	D(mm)
		31.1°
1	3067	557
2	767	1114
3	341	1671

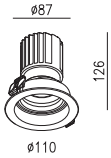
tilt adjustable 17°





with Trim

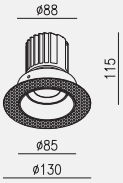
DD-37100.08 COB 10 W, 14 W x 1
DD-37101.08 COB 21 W x 1



0.3 kg
ø 102 mm

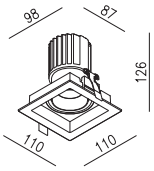
without Trim

DD-37100.08-02 COB 10 W, 14 W x 1
DD-37101.08-02 COB 21 W x 1



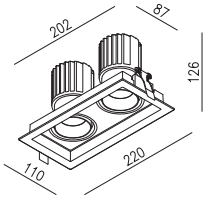
ø 92 mm

DD-37110.08 COB 10 W, 14 W x 1
DD-37111.08 COB 21 W x 1



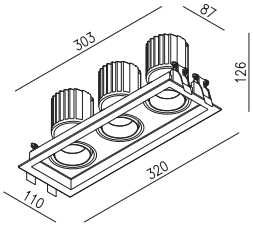
0.4 kg
100 x 100 mm

DD-37120.08 COB 10 W, 14 W x 2
DD-37121.08 COB 21 W x 2



0.7 kg
208 x 100 mm

DD-37130.08 COB 10 W, 14 W x 3
DD-37131.08 COB 21 W x 3



1.0 kg
308 x 100 mm

Multiplo-S

DD-37100.09 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 17°)

REFLECTOR
LENS

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

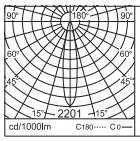
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37101.09							
21 W	18 W	35 Vdc	500 mA	80	3 000 K	18.7°	705 lm
						24.5°	668 lm

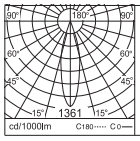
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		18.7°
1	4836	329
2	1209	659
3	537	988

3 000 K

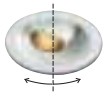


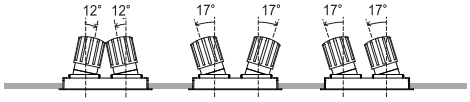
h(m)	E(lx)	D(mm)
		24.5°
1	2990	435
2	748	869
3	332	1304

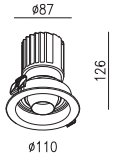
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 17°





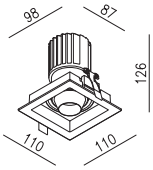


DD-37100.09 COB 10 W, 14 W x 1
DD-37101.09 COB 21 W x 1

ø 102 mm

0.3 kg

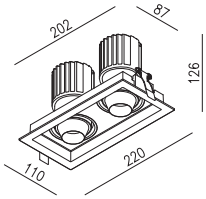
DD-37110.09 COB 10 W, 14 W x 1
DD-37111.09 COB 21 W x 1



0.4 kg

100 x 100 mm

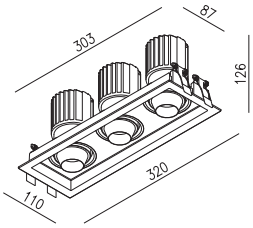
DD-37120.09 COB 10 W, 14 W x 2
DD-37121.09 COB 21 W x 2



0.7 kg

208 x 100 mm

DD-37130.09 COB 10 W, 14 W x 3
DD-37131.09 COB 21 W x 3



1.0 kg

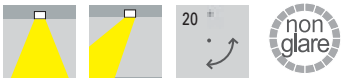
308 x 100 mm

Multiplo-S

DD-37100.10 Series NEW

Recessed Down Light / Accent Light

TYPE OF LED : COB



White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 20 °)

REFLECTOR
Non Glare Reflector (White Chrome or Dark Chrome)

White Chrome

Dark Chrome

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

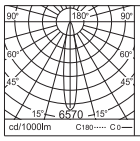
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	36 Vdc	350 mA	80	3 000 K	15.0 °	934 lm
						23.1 °	1 061 lm
						38.3 °	897 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

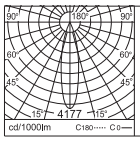
PHOTOMETRIC DATA

3 000 K



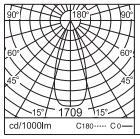
h(m)	E(lx)	D(mm)
		15.0°
1	9211	263
2	2303	527
3	1023	790

3 000 K



h(m)	E(lx)	D(mm)
		23.1°
1	5856	408
2	1464	817
3	651	1225

3 000 K

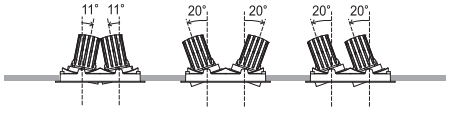


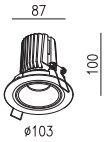
h(m)	E(lx)	D(mm)
		38.3°
1	2397	695
2	599	1389
3	266	2084

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 20 °

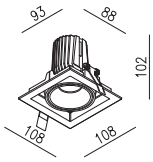
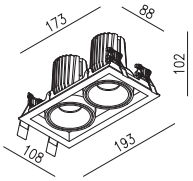
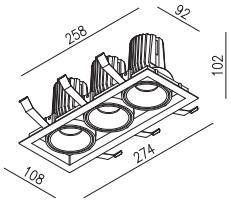




DD-37100.10 COB 14 W x 1

ø 90 mm

0.3 kg

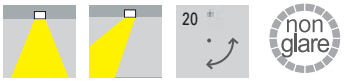
with Trim	without Trim
DD-37110.10 COB 14 W x 1	DD-37110.10-02 COB 14 W x 1
	
100 x 100 mm 0.4 kg	OPTION (Trimless Multi Down Light)
DD-37120.10 COB 14 W x 2	DD-37120.10-02 COB 14 W x 2
	
180 x 100 mm 0.7 kg	OPTION (Trimless Multi Down Light)
DD-37130.10 COB 14 W x 3	DD-37130.10-02 COB 14 W x 3
	
265 x 100 mm 1.0 kg	OPTION (Trimless Multi Down Light)

Multiplo-S

DD-37110.11 Series NEW

Recessed Down Light / Accent Light

TYPE OF LED : COB



TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 20 °)

REFLECTOR
Non Glare Reflector (White Chrome or Dark Chrome)

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

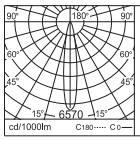
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
15 W	13 W	36 Vdc	350 mA	80	3 000 K	15.0 °	934 lm
						23.1 °	1 061 lm
						38.3 °	897 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

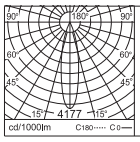
PHOTOMETRIC DATA

3 000 K



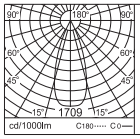
h(m)	E(lx)	D(mm)
		15.0°
1	9211	263
2	2303	527
3	1023	790

3 000 K



h(m)	E(lx)	D(mm)
		23.1°
1	5856	408
2	1464	817
3	651	1225

3 000 K

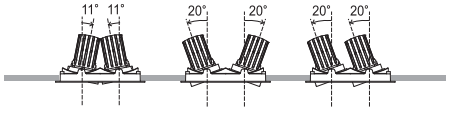


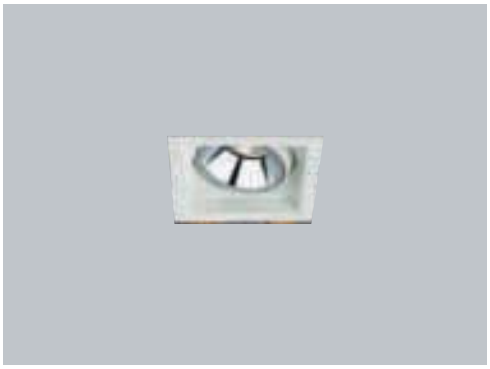
h(m)	E(lx)	D(mm)
		38.3°
1	2397	695
2	599	1389
3	266	2084

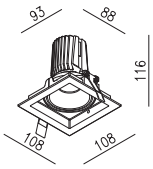
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

tilt adjustable 20 °





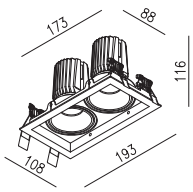


DD-37110.11 COB 14 W x 1

100 x 100 mm

0.4 kg

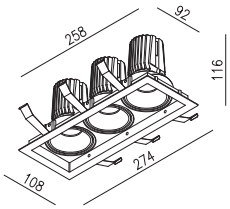
DD-37120.11 COB 14 W x 2



180 x 100 mm

0.7 kg

DD-37130.11 COB 14 W x 3



265 x 100 mm

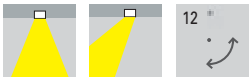
1.0 kg

Multiplo-S

DD-37100.12 Series NEW

Recessed Down Light / Accent Light

TYPE OF LED : COB



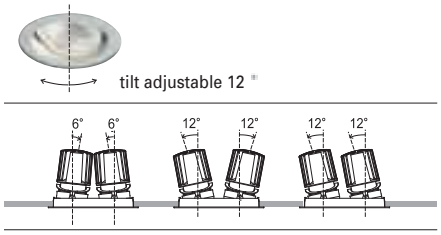
TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 12°)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating



TYPE OF LED			COB				
INPUT VOLTAGE			220-240 Vac , 50/60 Hz				
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37100.12							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	20.4°	2 902 lm
						24.6°	2 784 lm
						35.6°	2 800 lm
DD-37101.12							
36 W	31 W	36 Vdc	900 mA	80	3 000 K	20.5°	3 461 lm
						24.5°	3 372 lm
						36.0°	3 404 lm

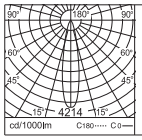
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

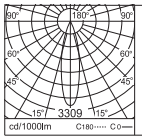
28 W / 3 000 K

Narrow



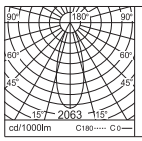
h(m)	E(lx)	D(mm)
		20.4°
1	15488	360
2	3872	720
3	1721	1080

Medium



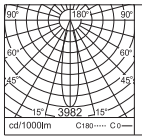
h(m)	E(lx)	D(mm)
		24.6°
1	12160	436
2	3040	872
3	1351	1308

Wide

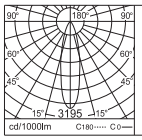


h(m)	E(lx)	D(mm)
		35.6°
1	7582	643
2	1895	1286
3	842	1928

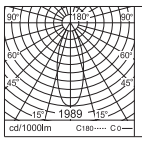
36 W / 3 000 K



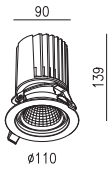
h(m)	E(lx)	D(mm)
		20.5°
1	18424	362
2	4606	723
3	2047	1085



h(m)	E(lx)	D(mm)
		24.5°
1	14784	435
2	3696	870
3	1643	1305



h(m)	E(lx)	D(mm)
		36.0°
1	9204	650
2	2301	1299
3	1023	1949

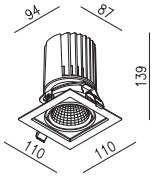


DD-37100.12 COB 28 W x 1
DD-37101.12 COB 36 W x 1

ø 100 mm

0.6 kg

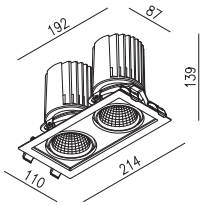
DD-37110.12 COB 28 W x 1
DD-37111.12 COB 36 W x 1



0.7 kg

100 x 100 mm

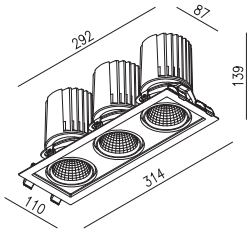
DD-37120.12 COB 28 W x 2
DD-37121.12 COB 36 W x 2



1.3 kg

200 x 100 mm

DD-37130.12 COB 28 W x 3
DD-37131.12 COB 36 W x 3



2.0 kg

300 x 100 mm

sivantos

Multiplo-L

DD-37200.01 Series

Recessed Down Light / Accent Light

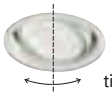
TYPE OF LED : POWER LED

TRIM
AL. Die-Casting, Electrostatic Powder Coating

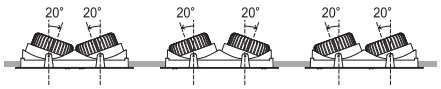
ADJUSTABLE RING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

ACCESSORY
Beam angle LENS



tilt adjustable 20°



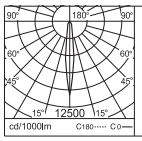
TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
30 W	24 W	20 Vdc	1 200 mA	80	3 000 K	10.8°	2 443 lm
						16.2°	2 389 lm
						24.6°	2 315 lm
						33.0°	2 271 lm
						41.2°	2 129 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

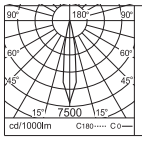
PHOTOMETRIC DATA

3 000 K



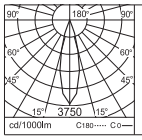
h(m)	E(lx)	D(mm)
		10.8°
1	28827	187
2	7207	375
3	3203	562

3 000 K



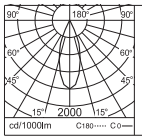
h(m)	E(lx)	D(mm)
		16.2°
1	19724	296
2	4931	592
3	2192	887

3 000 K



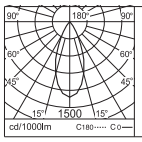
h(m)	E(lx)	D(mm)
		24.6°
1	10059	452
2	2515	905
3	1118	1357

3 000 K

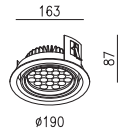


h(m)	E(lx)	D(mm)
		33.0°
1	5461	553
2	1365	1106
3	607	1660

3 000 K



h(m)	E(lx)	D(mm)
		41.2°
1	3518	776
2	880	1551
3	391	2327

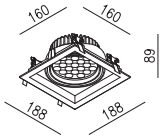


DD-37200.01 POWER LED 30 W x 1

ø 166 mm

0.9 kg

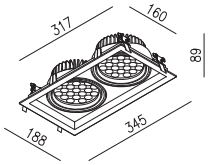
DD-37210.01 POWER LED 30 W x 1



0.9 kg

170 x 170 mm

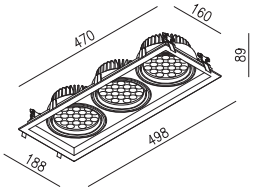
DD-37220.01 POWER LED 30 W x 2



1.5 kg

325 x 170 mm

DD-37230.01 POWER LED 30 W x 3



2.1 kg

475 x 170 mm

Multiplo-L

DD-37200.03 Series

Trimless

Recessed Down Light / Accent Light

TYPE OF LED : COB

White

Gray

Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt 20 °)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

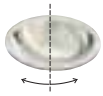
HEAT SINK
AL.Die-Casting, Electrostatic Powder Coating

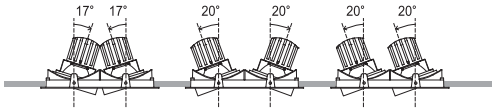
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37200.03							
19 W	16 W	33 Vdc	500 mA	80	3 000 K	15.6 °	2 259 lm
						26.8 °	2 302 lm
						43.4 °	2 297 lm
DD-37201.03							
27 W	23 W	34 Vdc	700 mA	80	3 000 K	15.7 °	3 075 lm
						26.7 °	3 074 lm
						44.2 °	3 096 lm
DD-37202.03							
44 W	39 W	34 Vdc	1 150 mA	80	3 000 K	15.9 °	4 737 lm
						26.9 °	4 694 lm
						43.5 °	4 718 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 287

tilt adjustable 20 °



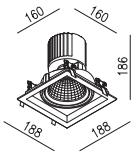


DD-37200.03	COB 19 W x 1
DD-37201.03	COB 27 W x 1
DD-37202.03	COB 44 W x 1

ø 166 mm

1.1 kg

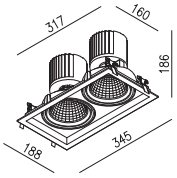
with Trim		without Trim	
DD-37210.03	COB 19 W x 1	DD-37210.03-02	COB 19 W x 1
DD-37211.03	COB 27 W x 1	DD-37211.03-02	COB 27 W x 1
DD-37212.03	COB 44 W x 1	DD-37212.03-02	COB 44 W x 1



170 x 170 mm — 1.5 kg

167 x 167 mm

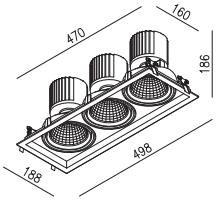
DD-37220.03	COB 19 W x 2	DD-37220.03-02	COB 19 W x 2
DD-37221.03	COB 27 W x 2	DD-37221.03-02	COB 27 W x 2
DD-37222.03	COB 44 W x 2	DD-37222.03-02	COB 44 W x 2



325 x 170 mm — 2.2 kg

312 x 167 mm

DD-37230.03	COB 19 W x 3	DD-37230.03-02	COB 19 W x 3
DD-37231.03	COB 27 W x 3	DD-37231.03-02	COB 27 W x 3
DD-37232.03	COB 44 W x 3	DD-37232.03-02	COB 44 W x 3



475 x 170 mm — 2.9 kg

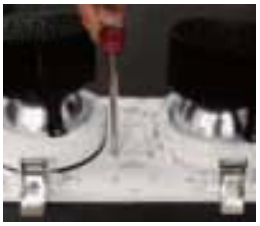
465 x 167 mm

Multiplo-L

System Multi Down Light

Using connection bracket, system multi down light comes in a variety of lengths.

사각 1등을 기본으로 연결브라켓을 이용하여
다양한 길이로 연출할 수 있는 시스템 멀티 다운라이트입니다.



DD-37200.04 series

DD-37202.05 series

COB Type

Photometric Data

DD-37200.03 series

-> page. 285

DD-37210.03-2 series

-> page. 285

DD-37200.04 series

-> page. 288

CCT MULTIPLIERS

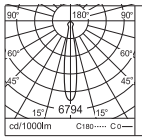
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

Narrow

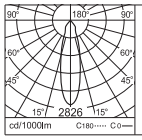
Medium

Wide

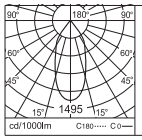
19 W / 3 000 K



h(m)	E(lx)	D(mm)
		15.6°
1	16135	273
2	4034	546
3	1793	820

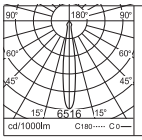


h(m)	E(lx)	D(mm)
		26.8°
1	6712	476
2	1678	952
3	746	1428

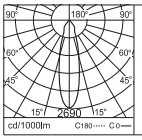


h(m)	E(lx)	D(mm)
		43.4°
1	3550	797
2	887	1594
3	394	2390

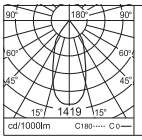
27 W / 3 000 K



h(m)	E(lx)	D(mm)
		15.7°
1	21665	276
2	5416	553
3	2407	829

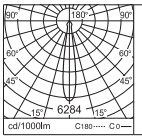


h(m)	E(lx)	D(mm)
		26.7°
1	8945	474
2	2236	949
3	994	1423

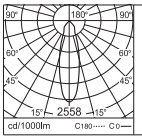


h(m)	E(lx)	D(mm)
		44.2°
1	4717	811
2	1179	1623
3	524	2434

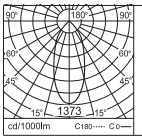
44 W / 3 000 K



h(m)	E(lx)	D(mm)
		15.9°
1	33433	279
2	8358	558
3	3715	837



h(m)	E(lx)	D(mm)
		26.9°
1	13609	478
2	3402	957
3	1512	1435



h(m)	E(lx)	D(mm)
		43.5°
1	7304	797
2	1826	1594
3	812	2392

Multiplo-L

DD-37200.04 Series

Recessed Down Light / Accent Light

TYPE OF LED : COB

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠24 °)

ROTATE RING
PC, Urethane Coating
Adjustable Angle (Rotate ∠350 °)

REFLECTOR
AL. Anodized Specular Silver

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

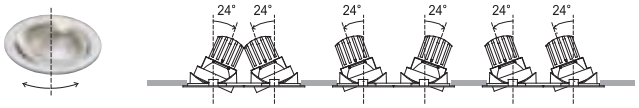
HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37200.04							
19 W	16 W	33 Vdc	500 mA	80	3 000 K	15.6 °	2 259 lm
						26.8 °	2 302 lm
						43.4 °	2 297 lm
DD-37201.04							
27 W	23 W	34 Vdc	700 mA	80	3 000 K	15.7 °	3 075 lm
						26.7 °	3 074 lm
						44.2 °	3 096 lm
DD-37202.04							
44 W	39 W	34 Vdc	1 150 mA	80	3 000 K	15.9 °	4 737 lm
						26.9 °	4 694 lm
						43.5 °	4 718 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K
PHOTOMETRIC DATA	>>> page 287

tilt adjustable 24 °

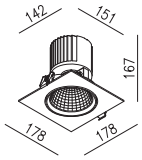


DD-37200.04	COB 19 W x 1
DD-37201.04	COB 27 W x 1
DD-37202.04	COB 44 W x 1

ø 158mm

0.8 kg

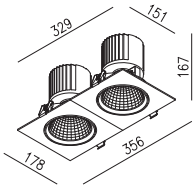
DD-37210.04	COB 19 W x 1
DD-37211.04	COB 27 W x 1
DD-37212.04	COB 44 W x 1



1.0 kg

165 x 165 mm

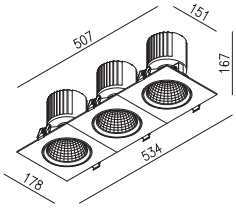
DD-37220.04	COB 19 W x 2
DD-37221.04	COB 27 W x 2
DD-37222.04	COB 44 W x 2



2.0 kg

335 x 165 mm

DD-37230.04	COB 19 W x 3
DD-37231.04	COB 27 W x 3
DD-37232.04	COB 44 W x 3



3.0 kg

515 x 165 mm

Multiplo-L

DD-37202.05 Series

Recessed Down Light / Accent Light

TYPE OF LED : LED LAMP

White Gray Black

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠25°)

ROTATE RING
PC, Urethane Coating. Adjustable Angle (Rotate ∠350°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37202.05							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4°	2 787 lm
						35.5°	2 669 lm
DD-37203.05							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4°	4 571 lm
						39.2°	4 343 lm

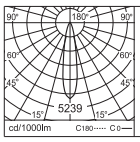
LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

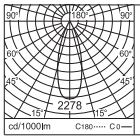
Medium

Wide

DD-37202.05 28 W / 3 000 K

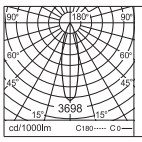


h(m)	E(lx)	D(mm) 20.4°
1	14460	360
2	3615	719
3	1607	1079

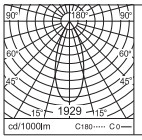


h(m)	E(lx)	D(mm) 35.5°
1	6036	640
2	1509	1280
3	671	1919

DD-37203.05 40 W / 3 000 K

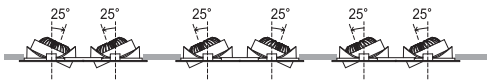


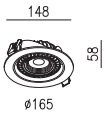
h(m)	E(lx)	D(mm) 23.4°
1	16826	415
2	4206	830
3	1870	1245



h(m)	E(lx)	D(mm) 39.2°
1	8370	713
2	2092	1425
3	930	2138

tilt adjustable 25°



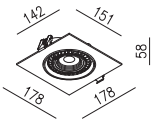


DD-37202.05 LED LAMP 28 W x 1
DD-37203.05 LED LAMP 40 W x 1

ø 158 mm

0.8 kg

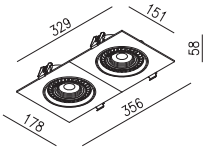
DD-37212.05 LED LAMP 28 W x 1
DD-37213.05 LED LAMP 40 W x 1



1.0 kg

165 x 165 mm

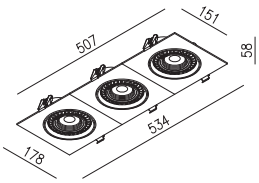
DD-37222.05 LED LAMP 28 W x 2
DD-37223.05 LED LAMP 40 W x 2



2.0 kg

335 x 165 mm

DD-37232.05 LED LAMP 28 W x 3
DD-37233.05 LED LAMP 40 W x 3



3.0 kg

515 x 165 mm

Multiplo-L

DD-37202.06 Series

Trimless

Recessed Down Light / Accent Light

TYPE OF LED : LED LAMP

TRIM
AL. Die-Casting, Electrostatic Powder Coating

ADJUSTABLE RING
AL. Die-Casting, Electrostatic Powder Coating
Adjustable Angle (Tilt ∠20°)

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

TYPE OF LED	LED LAMP (CN111-COB)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DD-37202.06							
28 W	25W	36 Vdc	700 mA	80	3 000 K	20.4°	2 787 lm
						35.5°	2 669 lm
DD-37203.06							
40 W	35 W	35 Vdc	1 050 mA	80	3 000 K	23.4°	4 571 lm
						39.2°	4 343 lm

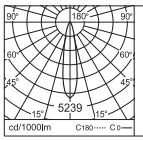
LED LIFE TIME	30 000 hours
COLOR RENDERING INDEX	80
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

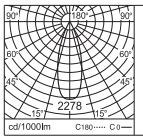
Medium

Wide

DD-37202.06 28 W / 3 000 K

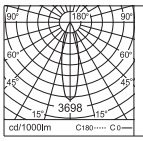


h(m)	E(lx)	D(mm) 20.4°
1	14460	360
2	3615	719
3	1607	1079

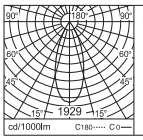


h(m)	E(lx)	D(mm) 35.5°
1	6036	640
2	1509	1280
3	671	1919

DD-37203.06 40 W / 3 000 K

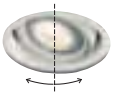


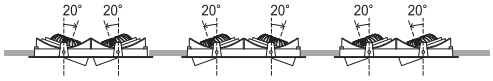
h(m)	E(lx)	D(mm) 23.4°
1	16826	415
2	4206	830
3	1870	1245

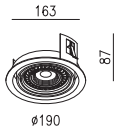


h(m)	E(lx)	D(mm) 39.2°
1	8370	713
2	2092	1425
3	930	2138

tilt adjustable 20°





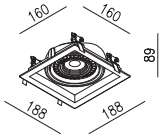


DD-37202.06 LED LAMP 28W x 1
DD-37203.06 LED LAMP 40W x 1

ø 166 mm

1.1 kg

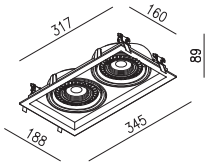
with Trim		without Trim	
DD-37212.06	LED LAMP 28W x 1	DD-37212.06-02	LED LAMP 28W x 1
DD-37213.06	LED LAMP 40W x 1	DD-37213.06-02	LED LAMP 40W x 1



170 x 170 mm 1.5 kg

167 x 167 mm

DD-37222.06 LED LAMP 28W x 2
DD-37223.06 LED LAMP 40W x 2

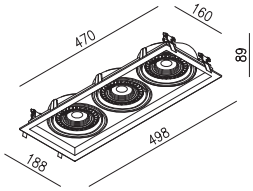


325 x 170 mm 2.0 kg

DD-37222.06-02 LED LAMP 28W x 2
DD-37223.06-02 LED LAMP 40W x 2

312 x 167 mm

DD-37232.06 LED LAMP 28W x 3
DD-37233.06 LED LAMP 40W x 3



475 x 170 mm 2.5 kg

DD-37232.06-02 LED LAMP 28W x 3
DD-37233.06-02 LED LAMP 40W x 3

465 x 167 mm

QUATTRO-D LED MULTI DOWN LIGHT

White Gray Black

TYPE OF LED : POWER LED

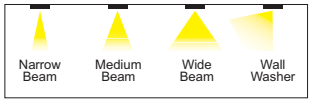
TRIM
AL. Die-Casting & AL. Extrude, Electrostatic Powder Coating

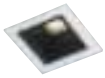
ACCESSORY
Beam Angle LENS

LOUVER
PC

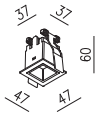
TYPE OF LED	Power LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L70	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

[Beam Angle of LENS]





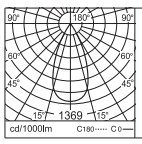
NEW DD-30460 POWER LED (1LED) 3 W



0.1 kg 40 x 40 mm

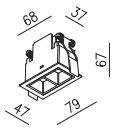
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
3 W	2 W	3 Vdc	700 mA	80	3 000 K	46.1°	149 lm

3 000 K



h(m)	E(lx)	D(mm)
		46.1°
1	256	852
2	64	1703
3	28	2555

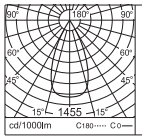
NEW DD-30470 POWER LED (2LED) 5 W



0.15 kg 70 x 40 mm

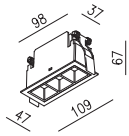
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
5 W	4 W	6 Vdc	700 mA	80	3 000 K	46.9 °	304 lm

3 000 K



h(m)	E(lx)	D(mm)
		46.9 °
1	515	868
2	129	1736
3	57	2603

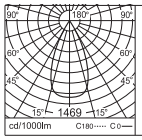
NEW DD-30480 POWER LED (3LED) 7 W



0.2 kg 102 x 40 mm

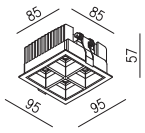
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
7 W	5 W	9 Vdc	700 mA	80	3 000 K	47.3 °	452 lm

3 000 K



h(m)	E(lx)	D(mm)
		47.3 °
1	736	875
2	184	1750
3	82	2624

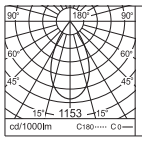
NEW DD-30500 POWER LED (4 LED) 20 W



0.45 kg 89 x 89 mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	16 W	36 Vdc	450 mA	80	3 000 K	53.4 °	1 888 lm

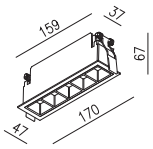
3 000 K



h(m)	E(lx)	D(mm)
		53.4 °
1	2674	1005
2	669	2010
3	297	3015

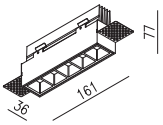
Trimless Down Light

DD-30510 POWER LED (5 LED) 14 W



0.4 kg 162 x 40mm

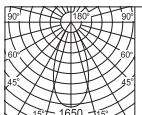
DD-30510-02 POWER LED (5 LED) 14 W



0.3 kg 162 x 40mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	11 W	15 Vdc	700 mA	80	3 000 K	42.1	781 lm

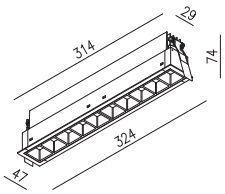
3 000 K



h(m)	E(lx)	D(mm)
		42.1°
1	1526	770
2	381	1539
3	170	2309

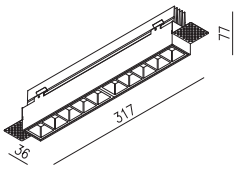
Trimless Down Light

DD-30520 POWER LED (10 LED) 25 W



0.8 kg 317 x 40mm

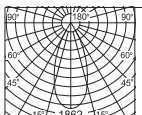
DD-30520-02 POWER LED (10 LED) 25 W



0.7 kg 317 x 40mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
25 W	21 W	30 Vdc	700 mA	80	3 000 K	42.1	1 770 lm

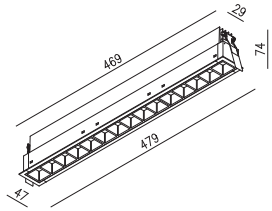
3 000 K



h(m)	E(lx)	D(mm)
		42.1°
1	3444	769
2	861	1538
3	383	2306

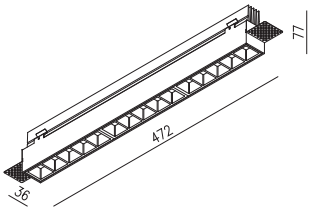
Trimless Down Light

DD-30530 POWER LED (15 LED) 36 W



1.1 kg 472 x 40 mm

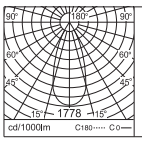
DD-30530-02 POWER LED (15 LED) 36 W



1.1 kg 472 x 40 mm

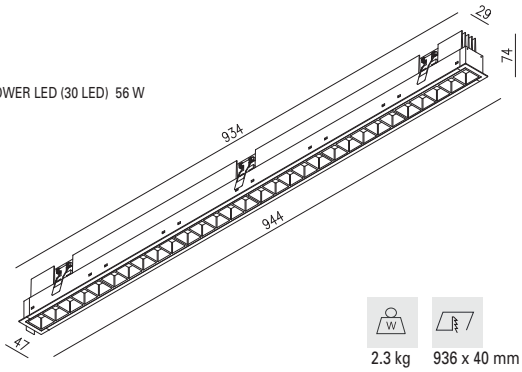
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
36 W	32 W	45 Vdc	700 mA	80	3 000 K	42.7 °	2 624 lm

3 000 K



h(m)	E(lx)	D(mm)
		42.7°
1	4935	782
2	1234	1563
3	548	2345

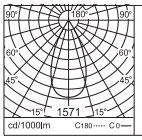
NEW DD-30540 POWER LED (30 LED) 56 W



2.3 kg 936 x 40 mm

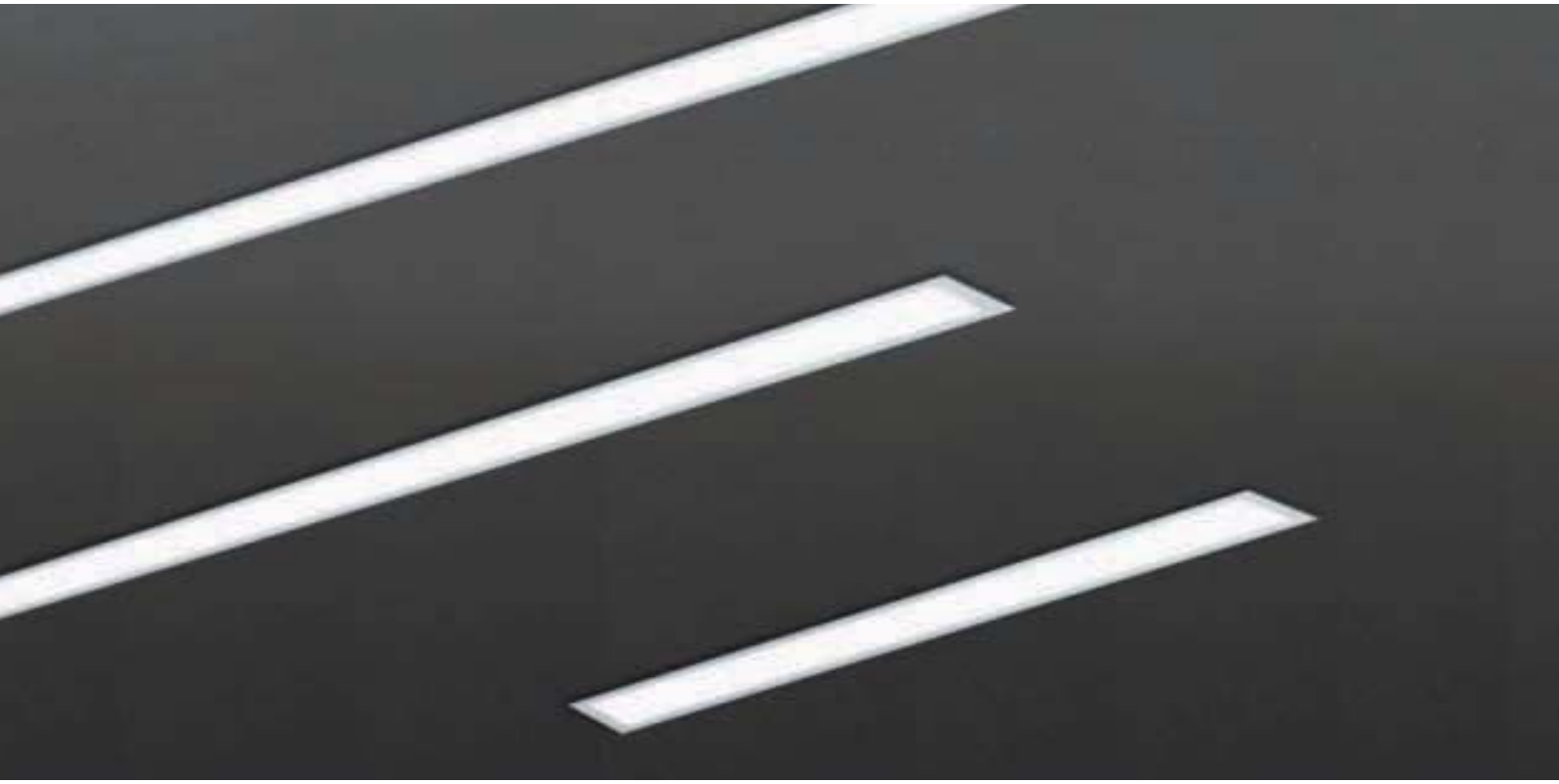
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
56 W	51 W	45 Vdc x 2	570 mA x 2	80	3 000 K	45.1 °	4 419 lm

3 000 K



h(m)	E(lx)	D(mm)
		45.1°
1	7765	831
2	1941	1661
3	863	2492

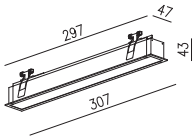
QUATTRO-L LED LINEAR DOWN LIGHT



TYPE OF LED : SMD

TRIM & HOUSING	AL. Extrude, Electrostatic Powder Coating
COVER	PC
TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L70	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

NEW DD-30550 SMD (24 LED)

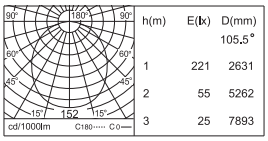


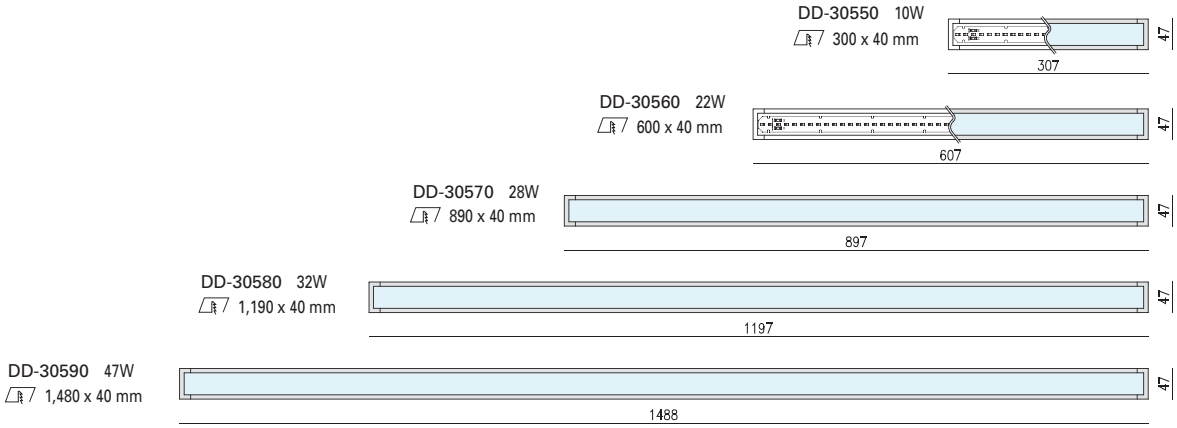
0.3 kg

300 x 40 mm

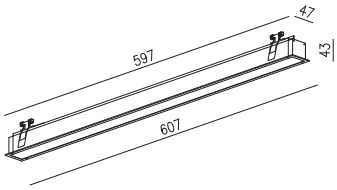
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
11 W	9 W	36 Vdc	250 mA	80	3 000 K	589 lm

3 000 K





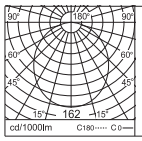
NEW DD-30560 SMD (48 LED)



0.56 kg
600 x 40 mm

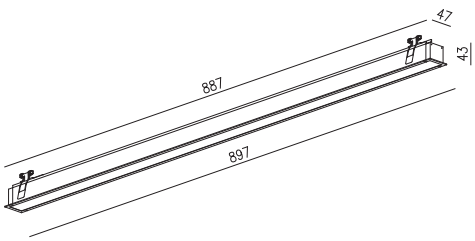
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
22 W	19 W	37 Vdc	500 mA	80	3 000 K	1 236 lm

3 000 K



h(m)	E(lx)	D(mm)
		105.7°
1	464	2639
2	116	5279
3	52	7918

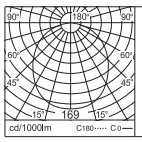
NEW DD-30570 SMD (72 LED)



0.83 kg
890 x 40 mm

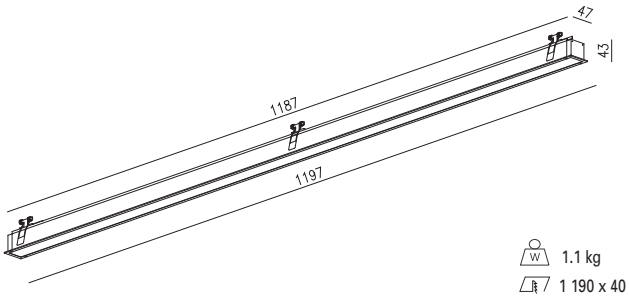
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
29 W	25 W	37 Vdc	700 mA	80	3 000 K	1 773 lm

3 000 K



h(m)	E(lx)	D(mm)
		104.9°
1	673	2602
2	168	5204
3	75	7806

NEW DD-30580 SMD (96 LED)

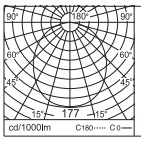


1.1 kg

1 190 x 40 mm

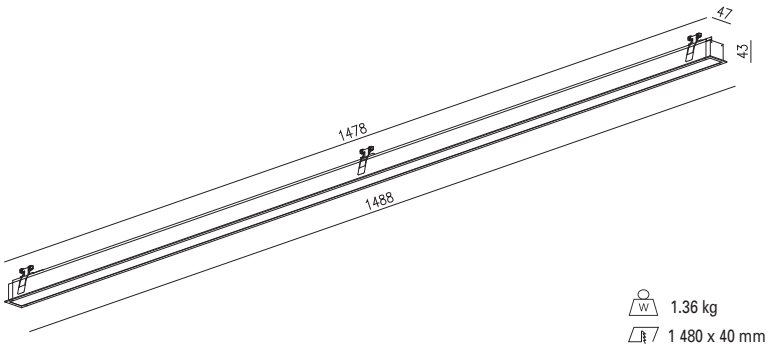
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
36 W	32 W	37 Vdc	900 mA	80	3 000 K	2 354 lm

3 000 K



h(m)	E(lx)	D(mm)
		105.1°
1	892	2611
2	223	5222
3	99	7833

NEW DD-30590 SMD (144 LED)

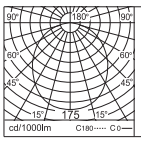


1.36 kg

1 480 x 40 mm

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
48 W	43 W	38 Vdc	1 150 mA	80	3 000 K	3 050 lm

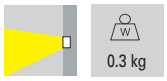
3 000 K



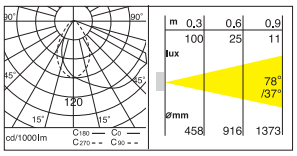
h(m)	E(lx)	D(mm)
		105.1°
1	1158	2610
2	289	5220
3	129	7830

POP LED WALL & CEILING LIGHT

TYPE OF LED : SMD



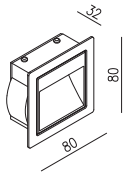
HOUSING	PC. Urethane Coating
REFLECTOR	AL. Plate
TYPE OF LED	SMD (4 LED)
INPUT VOLTAGE	200-240 Vac , 50/60 Hz
INPUT POWER	2 W
OUTPUT POWER	1 W
LUMINOUS FLUX (lm)	23 lm
OUTPUT VOLTAGE	3 Vdc
OUTPUT CURRENT	350 mA
COLOR RENDERING INDEX _CRI	80
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K



Pop

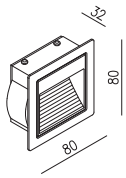
Recessed Wall & Ceiling Light

DD-38040 LED 2 W



68 x 68 mm

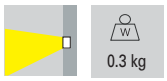
DD-38050 LED 2 W



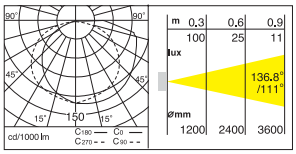
68 x 68 mm

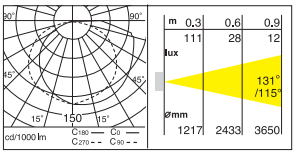
ASSE LED WALL & CEILING LIGHT

TYPE OF LED : SMD



HOUSING	AL. Die-Casting, Electrostatic Powder Coating
COVER	Housing Cover _ PC
TYPE OF LED	SMD (4 LED)
INPUT VOLTAGE	200-240 Vac , 50/60 Hz
INPUT POWER	2 W
OUTPUT POWER	1 W
LUMINOUS FLUX (lm)	31 lm
OUTPUT VOLTAGE	3 Vdc
OUTPUT CURRENT	350 mA
COLOR RENDERING INDEX _CRI	80
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

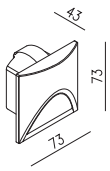




Asse

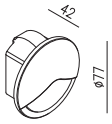
Recessed Wall & Ceiling Light

DD-38170 LED 2 W



ø 65mm

DD-38190 LED 2 W



ø 65mm

SILO LED PENDANT LIGHT

The Facebook Wall
Write Something

SILO LED PENDANT LIGHT

Silo
PENDANT LIGHT

Ø 175

DP-51021.02 SERIES
P.310

DP-51021.03 SERIES
P.312

Ø 150

DP-51420 SERIES
P.322

Ø 120

DP-51200.01 SERIES
P.316

DP-51200.03 SERIES
P.318

Ø 74 / Ø 94

Ø 74 DP-51400 SERIES
P.320

Ø 94 DP-51410 SERIES
P.321

SILO I LED PENDANT LIGHT

TYPE OF LED : COB or SMD

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

WIRE
STS / PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51021.02 / DP-51021.02-02						
28 W	24 W	35 Vdc	700 mA	80	3 000 K	2 976 lm
DP-51022.02 / DP-51022.02-02						
35 W	31 W	36 Vdc	900 mA	80	3 000 K	3 518 lm

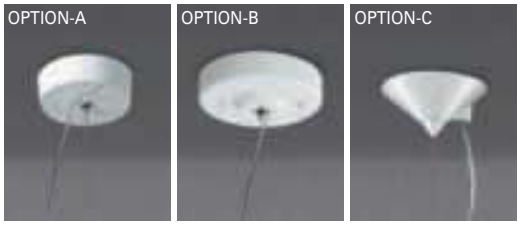
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

TYPE OF LED	SMD (56 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51026.02 / DP-51026.02-02						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 720 lm
DP-51027.02 / DP-51027.02-02						
41 W	36 W	36 Vdc	1 050 mA	80	3 000 K	3 714 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

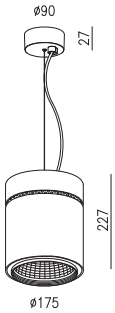
FLANGE OPTION



Silo ø 175

Direct Light Pendant

Surface Mounted DownLight



DP-51021.02 SERIES

DP-51021.02	COB 28 W
DP-51022.02	COB 35 W
DP-51026.02	SMD 27 W
DP-51027.02	SMD 41 W

DP-51021.02-02 SERIES

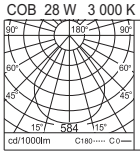
DP-51021.02-02	COB 28 W
DP-51022.02-02	COB 35 W
DP-51026.02-02	SMD 27 W
DP-51027.02-02	SMD 41 W

TYPE OF LED : COB

CCT MULTIPLIERS

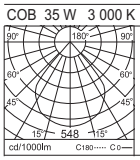
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

COB 28 W 3 000 K



h(m)	E(lx)	D(mm)
		80.6°
1	2147	1696
2	537	3393
3	239	5089

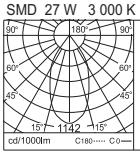
COB 35 W 3 000 K



h(m)	E(lx)	D(mm)
		80.5°
1	2537	1692
2	634	3383
3	282	5075

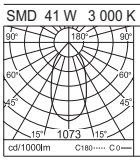
TYPE OF LED : SMD

SMD 27 W 3 000 K



h(m)	E(lx)	D(mm)
		51.5°
1	3359	966
2	840	1931
3	373	2897

SMD 41 W 3 000 K



h(m)	E(lx)	D(mm)
		51.3°
1	4621	961
2	1155	1923
3	513	2884

SILO I LED PENDANT LIGHT

TYPE OF LED : SMD

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

COVER
PC

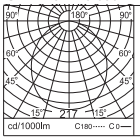
WIRE
STS / PVC

TYPE OF LED	SMD (60 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
18 W	15 W	30 Vdc	500 mA	80	3 000 K	1 214 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

SMD 18W 3 000 K

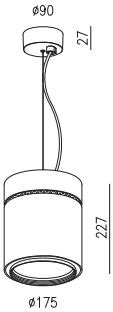


h(m)	E(lx)	D(mm)
		100.6°
1	499	2410
2	125	4820
3	55	7229

Silo Ø 175 PC COVER TYPE

Direct Light Pendant

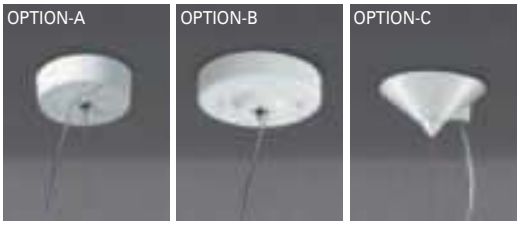
Surface Mounted DownLight



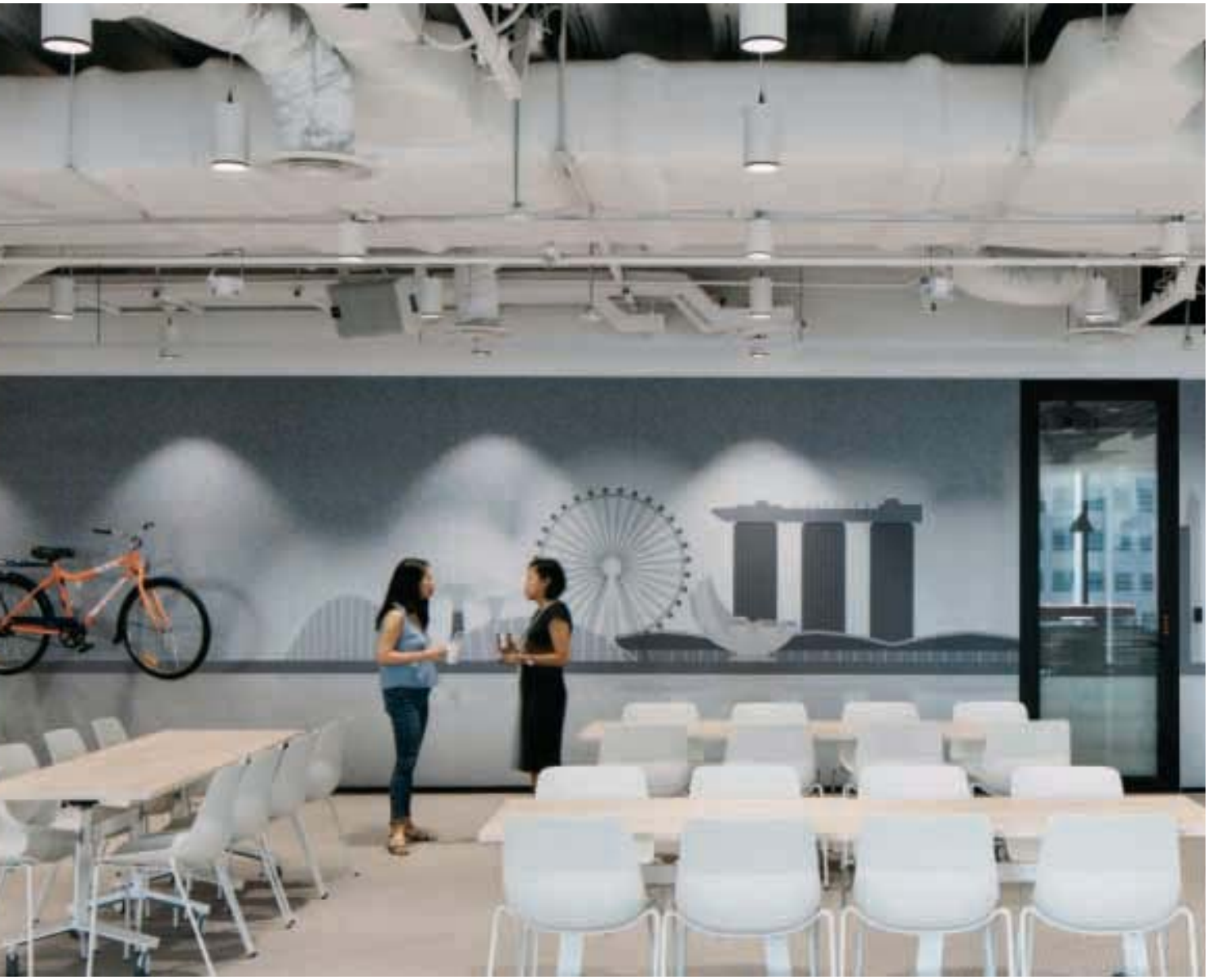
DP-51021.03 SMD 18 W

DP-51021.03-02 SMD 18 W

FLANGE OPTION



SILO LED PENDANT LIGHT



HOUSING
AL. Extrude, Electrostatic Powder Coating

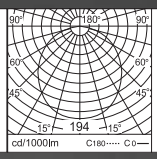
MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
Forging press, Electro Deposition Coating

REFLECTOR
Up-Lighting : Acryl
Down-Lighting : AL. Anodized Specular Silver

WIRE
PVC

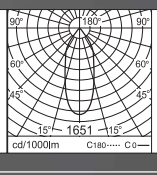
SMD
3 000 K



h(m)	E(lx)	D(mm)
		109.3°
1	382	2820
2	95	5639
3	42	8459

UP LIGHTING _ACRYL COVER

COB
3 000 K

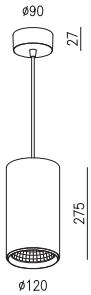


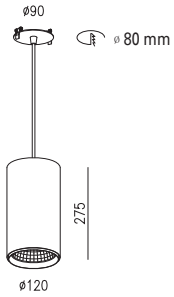
h(m)	E(lx)	D(mm)
		37.5°
1	4347	680
2	1087	1360
3	483	2040

DOWN LIGHTING _REFLECTOR

Silo ø 120

Direct & Indirect Light Pendant





DP-51200.01
COB 19W + SMD 11W

DP-51200.02
COB 19W + SMD 11W

TYPE OF LED : COB & SMD

UP LIGHTING

TYPE OF LED	SMD (36 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
15 W	13 W	36 Vdc	350 mA	80	3 000 K	1 051 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

DOWN LIGHTING

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
20 W	17 W	34 Vdc	500 mA	80	3 000 K	2 368 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

SILO | LED PENDANT LIGHT

TYPE OF LED : COB or SMD

1.4 kg

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

MOUNTING RING
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

WIRE
PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DP-51200.03 / DP-51200.03-02 / DP-51200.04							
28 W	24 W	35 Vdc	700 mA	80	3 000 K	11.9 °	3 147 lm
						20.1 °	3 118 lm
						37.7 °	3 095 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

TYPE OF LED	SMD (56 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

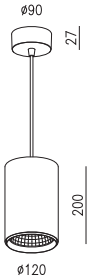
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51206.03 / DP-51206.03-02 / DP-51206.04						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 549 lm
DP-51207.03 / DP-51207.03-02 / DP-51207.04						
31 W	27 W	35 Vdc	900 mA	80	3 000 K	2 867 lm

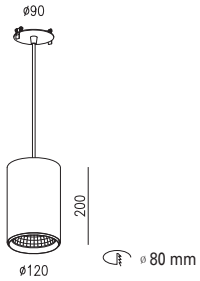
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

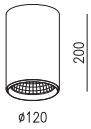
Silo ø 120

Direct Light Pendant

Surface Mounted DownLight





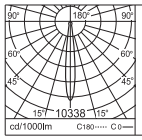


DP-51200.03 SERIES		DP-51200.04 SERIES		DP-51200.03-02 SERIES	
DP-51200.03	COB 28 W	DP-51200.04	COB 28 W	DP-51200.03-02	COB 28 W
DP-51206.03	SMD 27 W	DP-51206.04	SMD 27 W	DP-51206.03-02	SMD 27 W
DP-51207.03	SMD 31 W	DP-51207.04	SMD 31 W	DP-51207.03-02	SMD 31 W

TYPE OF LED : COB

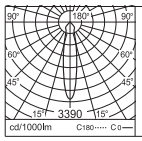
DP-51200.03 / 51200.04 COB 28 W

3 000 K



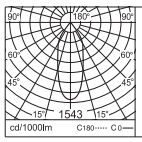
h(m)	E(lx)	D(mm)
		11.9°
1	37993	209
2	9498	417
3	4221	626

3 000 K



h(m)	E(lx)	D(mm)
		20.1°
1	12458	354
2	3114	708
3	1384	1062

3 000 K



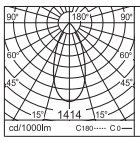
h(m)	E(lx)	D(mm)
		37.7°
1	5671	682
2	1418	1364
3	630	2046

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

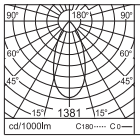
TYPE OF LED : SMD

DP-51206.03 / 51206.04 SMD 27 W



h(m)	E(lx)	D(mm)
		44.6°
1	4156	820
2	1039	1639
3	462	2459

DP-51207.03 / 51207.04 SMD 31 W

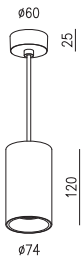


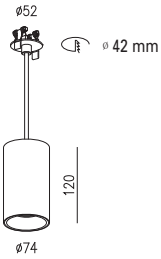
h(m)	E(lx)	D(mm)
		44.7°
1	4668	822
2	1167	1643
3	519	2465

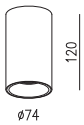
Silo ø 74

whisper in eyes
NON GLARE REFLECTOR

Surface Mounted DownLight







Direct & Indirect Light Pendant

DP-51400.01 NEW

DP-51400.02 NEW

DP-51400.01-02 NEW

TYPE OF LED : COB

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome)

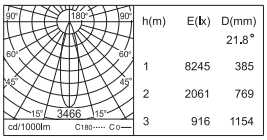
WIRE
PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
20 W	17 W	35 Vdc	500 mA	80	3 000 K	21.8°	1 535 lm
						28.5°	1 526 lm
						40.0°	1 708 lm

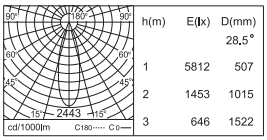
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

3 000 K



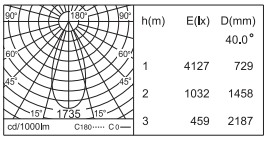
h(m)	E(lx)	D(mm)
		21.8°
1	8245	385
2	2061	769
3	916	1154

3 000 K



h(m)	E(lx)	D(mm)
		28.5°
1	5812	507
2	1453	1015
3	646	1522

3 000 K



h(m)	E(lx)	D(mm)
		40.0°
1	4127	729
2	1032	1458
3	459	2187

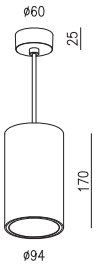
CCT MULTIPLIERS

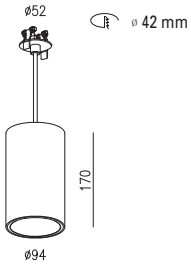
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

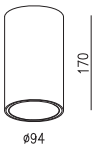
Silo ø 94

whisper in eyes
NON GLARE REFLECTOR

Surface Mounted DownLight







Direct & Indirect Light Pendant

DP-51410.01 NEW

DP-51410.02 NEW

DP-51410.01-02 NEW

TYPE OF LED : COB

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
ABS (Chrome)

WIRE
PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

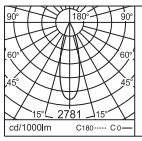
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
30 W	25 W	36 Vdc	700 mA	80	3 000 K	28.9 °	2 303 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K



h(m)	E(lx)	D(mm)
		28.9 °
1	8590	515
2	2148	1029
3	954	1544

COB TYPE

SMD TYPE

Direct & Indirect Light Pendant

TYPE OF LED : COB or SMD

0.8 kg

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC

WIRE
STS / PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51420.01 / DP-51420.01-02 / DP-51420.02						
32 W	28 W	36 Vdc	800 mA	80	3 000 K	3 479 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

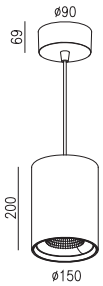
TYPE OF LED	SMD (56 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

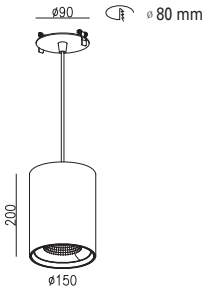
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51426.01 / DP-51426.01-02 / DP-51426.02						
27 W	24 W	34 Vdc	700 mA	80	3 000 K	2 285 lm
DP-51427.01 / DP-51427.01-02 / DP-51427.02						
31 W	27 W	35 Vdc	800 mA	80	3 000 K	2 559 lm

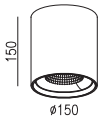
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

Silo ø 150

Surface Mounted DownLight







NEW DP-51420.01		
DP-51420.01	COB	32 W
DP-51426.01	SMD	27 W
DP-51427.01	SMD	31 W

NEW DP-51420.02		
DP-51420.02	COB	32 W
DP-51426.02	SMD	27 W
DP-51427.02	SMD	31 W

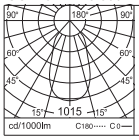
NEW DP-51420.01-02		
DP-51420.01-02	COB	32 W
DP-51426.01-02	SMD	27 W
DP-51427.01-02	SMD	31 W

TYPE OF LED : COB

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

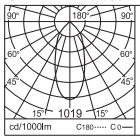
COB 32 W 3 000 K



h(m)	E(lx)	D(mm)
		54.0°
1	3998	1019
2	999	2038
3	444	3056

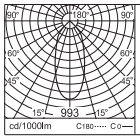
TYPE OF LED : SMD

SMD 27 W 3 000 K



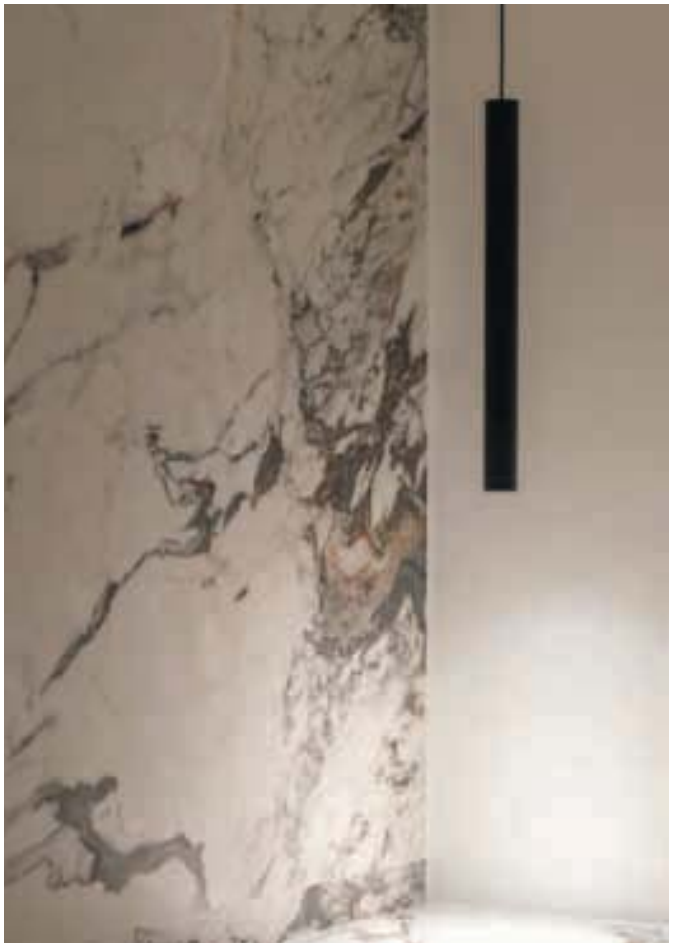
h(m)	E(lx)	D(mm)
		44.7°
1	2997	821
2	749	1643
3	333	2464

SMD 31 W 3 000 K



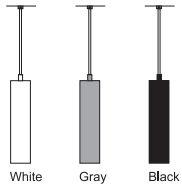
h(m)	E(lx)	D(mm)
		44.5°
1	3357	818
2	839	1636
3	373	2454

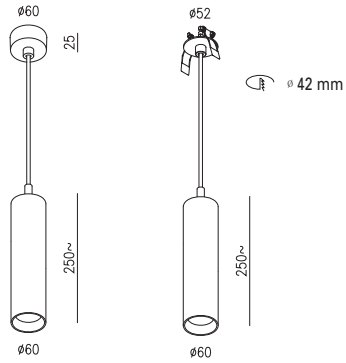
LONGER LED PENDANT LIGHT



Longer ø 60

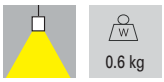
Direct & Indirect Light Pendant





DP-51220.01 DP-51220.02 DP-51230

TYPE OF LED : COB



LED HOUSING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating (Black only)

REFLECTOR
PC (Vacuum Coating)

COVER
AL. Anodized Gold

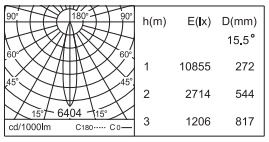
INSTALLATION
Direct Pendant or Semi Recessed or Surface Mounted

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

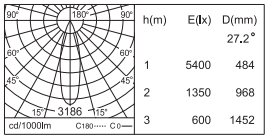
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
14 W	12 W	34 Vdc	350 mA	80	3 000 K	15.5°	1 318 lm
						27.2°	1 281 lm
						37.8°	1 309 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

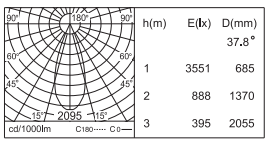
3 000 K



3 000 K



3 000 K



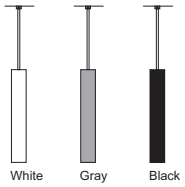
CCT MULTIPLIERS

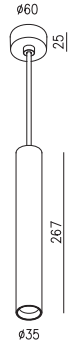
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

INSTALLATION OPTION

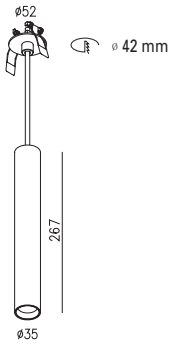
Longer ø 35

Direct & Indirect Light Pendant





DP-51240.01



DP-51240.02

TYPE OF LED : POWER LED

HOUSING
AL. Extrude, Electrostatic Powder Coating

HEAT SINK
AL. Extrude, Electrostatic Powder Coating (Black only)

REFLECTOR
LENS

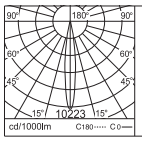
INSTALLATION
Direct Pendant or Semi Recessed or Surface Mounted

TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
9 W	5 W	12 Vdc	450 mA	90	3 000 K	12.5 °	419 lm
						17.5 °	396 lm
						25.5 °	394 lm

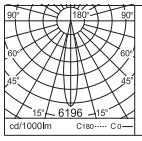
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



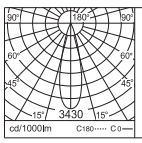
h(m)	E(lx)	D(mm)
		12.5°
1	5388	220
2	1347	439
3	599	659

3 000 K



h(m)	E(lx)	D(mm)
		17.5°
1	3265	309
2	816	617
3	363	926

3 000 K

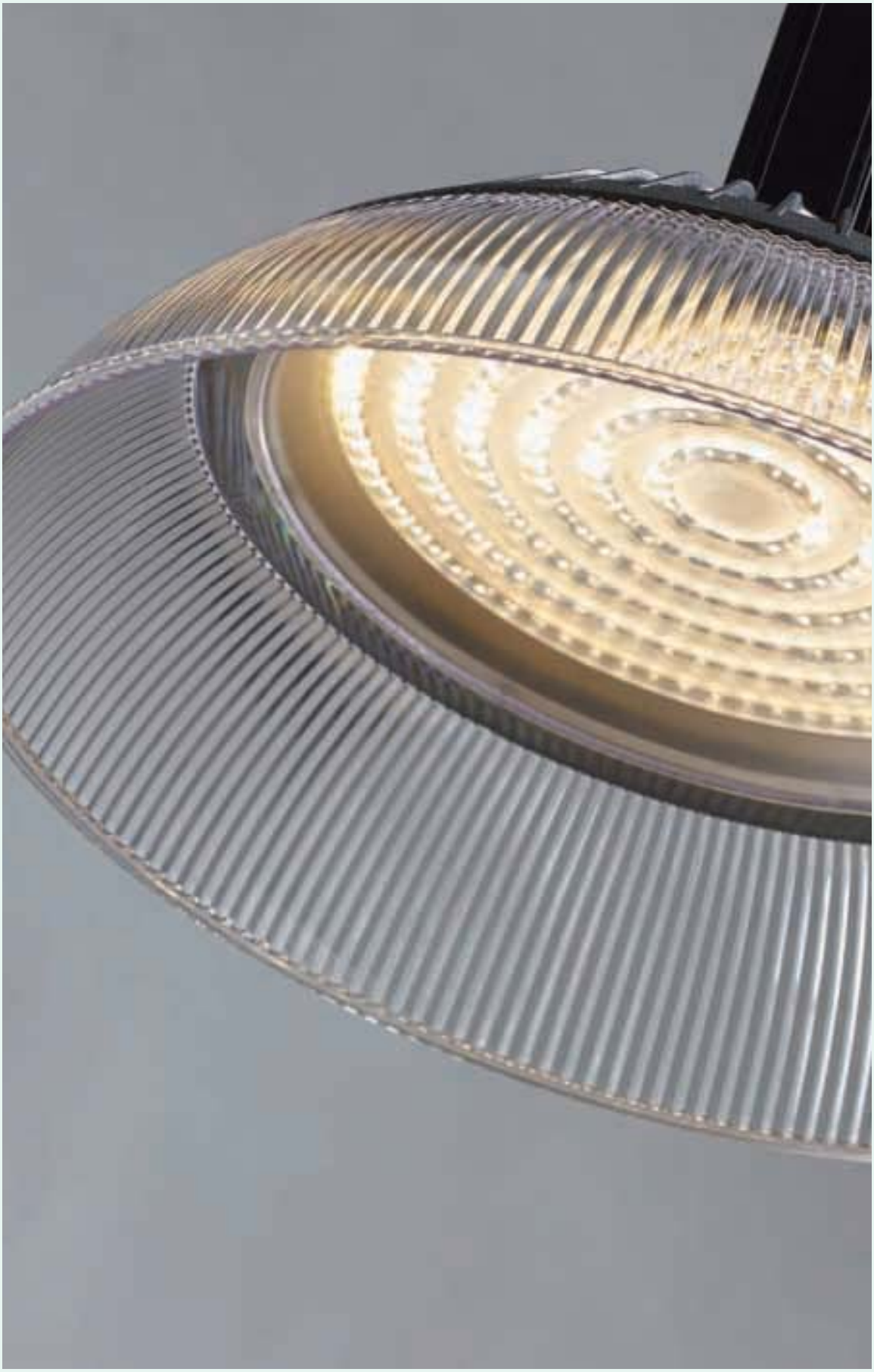


h(m)	E(lx)	D(mm)
		25.5°
1	1807	453
2	452	905
3	201	1358

INSTALLATION OPTION

ABITO LED PENDANT LIGHT

ABITO LED PENDANT LIGHT



Abito

PENDANT LIGHT

COB/SMD

DP-51033.01 SERIES
P.333

DP-51033.02 SERIES
P.333

COB(LENS)

DP-51280.01 SERIES
P.335

DP-51280.02 SERIES
P.335

SMD(LENS)

DP-51350.01 SERIES
P.337

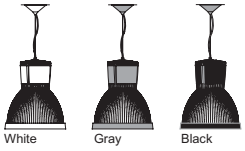
DP-51350.02 SERIES
P.337

DP-51360.01 SERIES
P.337

DP-51360.02 SERIES
P.337

TYPE OF LED : COB or SMD

3.2 kg



GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

WIRE
STS / PVC

DP-51033.01
SHADE PC
TRIM RING AL. Spinning Processing, Electrostatic Powder Coating

DP-51033.02
SHADE AL. Spinning Processing, Electrostatic Powder Coating
REFLECTOR AL. Anodized Specular Silver

TYPE OF LED			COB			
INPUT VOLTAGE			220-240 Vac , 50/60 Hz			
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51033.01						
40 W	36 W	35 Vdc	1 050 mA	80	3 000 K	3 879 lm
DP-51033.02						
40 W	36 W	35 Vdc	1 050 mA	80	3 000 K	4 214 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

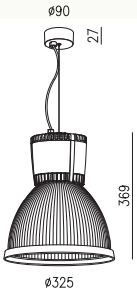
TYPE OF LED			SMD			
INPUT VOLTAGE			220-240 Vac , 50/60 Hz			
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51036.01						
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	2 865 lm
DP-51036.02						
41 W	37 W	36 Vdc	1 050 mA	80	3 000 K	3 134 lm

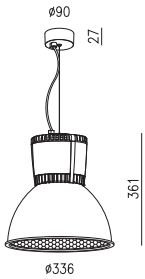
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

FLANGE OPTION

Abito COB / SMD

Direct Light Pendant





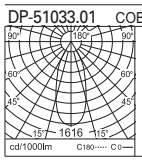
DP-51033.01 SERIES

DP-51033.01	COB 40 W
DP-51036.01	SMD 41 W

DP-51033.02 SERIES

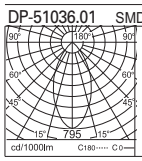
DP-51033.02	COB 40 W
DP-51036.02	SMD 41 W

DP-51033.01 COB 40 W 3 000 K



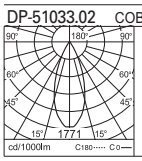
h(m)	E(lx)	D(mm)
		40.2°
1	8059	731
2	2015	1463
3	895	2194

DP-51036.01 SMD 41 W 3 000 K



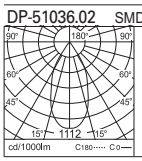
h(m)	E(lx)	D(mm)
		52.4°
1	3489	984
2	872	1967
3	388	2951

DP-51033.02 COB 40 W 3 000 K



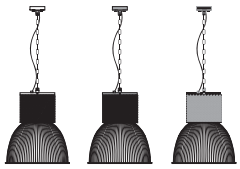
h(m)	E(lx)	D(mm)
		39.8°
1	8834	723
2	2208	1446
3	982	2170

DP-51036.02 SMD 41 W 3 000 K



h(m)	E(lx)	D(mm)
		48.6°
1	4879	903
2	1220	1806
3	542	2709

TYPE OF LED : COB



GEAR BOX
AL. Die-Casting, Electrostatic Powder Coating

ACCESSORY
Beam Angle LENS

WIRE
STS / PVC

DP-51280.01
SHADE PC

DP-51280.02
SHADE AL. Spinning Processing, Electrostatic Powder Coating

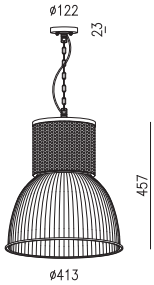
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DP-51280.01							
96 W	84 W	34 Vdc	2 470 mA	80	3 000 K	27.7 °	10 846 lm
						33.5 °	11 215 lm
						50.7 °	10 811 lm
DP-51280.02							
96 W	84 W	34 Vdc	2 470 mA	80	3 000 K	27.9 °	11 145 lm
						33.3 °	11 230 lm
						44.0 °	10 853 lm

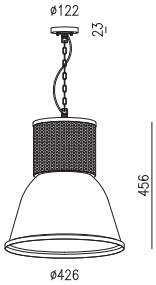
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

Abito COB (LENS)

Direct Light Pendant



DP-51280.01 COB 96 W



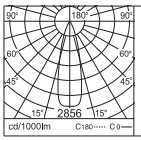
DP-51280.02 COB 96 W

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

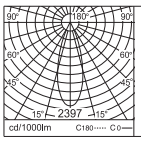
DP-51280.01

3 000 K



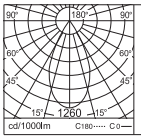
h(m)	E(lx)	D(mm)
		27.7°
1	37293	494
2	9323	988
3	4144	1482

3 000 K



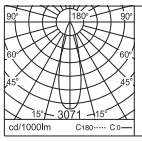
h(m)	E(lx)	D(mm)
		33.5°
1	31309	601
2	7827	1203
3	3479	1804

3 000 K

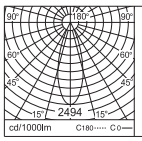


h(m)	E(lx)	D(mm)
		50.7°
1	16462	948
2	4115	1896
3	1829	2844

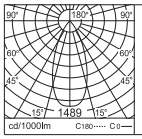
DP-51280.02



h(m)	E(lx)	D(mm)
		27.9°
1	40101	497
2	10025	994
3	4456	1491



h(m)	E(lx)	D(mm)
		33.3°
1	32572	598
2	8143	1197
3	3619	1795



h(m)	E(lx)	D(mm)
		44.0°
1	19441	809
2	4860	1618
3	2160	2426

TYPE OF LED : SMD

ACCESSORY
Beam Angle LENS

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

WIRE
Steel

DP-51350.01 / DP-51360.01
SHADE PC

DP-51350.02 / DP-51360.02
SHADE AL. Spinning Processing, Electrostatic Powder Coating

TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

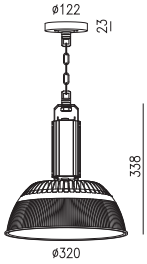
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51350.01						
90 W	81 W	77 Vdc	1 050 mA	80	3 000 K	9 311 lm
DP-51350.02						
90 W	81 W	77 Vdc	1 050 mA	80	3 000 K	9 937 lm
DP-51360.01						
181 W	168 W	160 Vdc	1 050 mA	80	3 000 K	19 185 lm
DP-51360.02						
181 W	168 W	160 Vdc	1 050 mA	80	3 000 K	18 616 lm

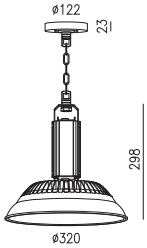
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 700 K / 4 000 K / 3 000 K

Abito SMD (LENS)

NEW DP-51350.01
SMD (130 LED) 90 W

NEW DP-51350.02
SMD (130 LED) 90 W

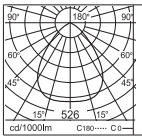




3.0 kg

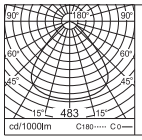
3 000 K

DP-51350.01



h(m)	E(lx)	D(mm)
		77.8°
1	5605	1613
2	1401	3226
3	623	4839

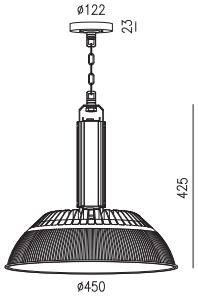
DP-51350.02

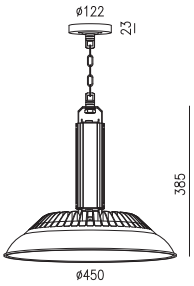


h(m)	E(lx)	D(mm)
		86.2°
1	5142	1870
2	1285	3741
3	571	5611

NEW DP-51360.01
SMD (270 LED) 181 W

NEW DP-51360.02
SMD (270 LED) 181 W

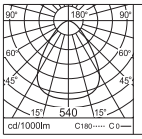




4.2 kg

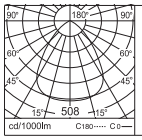
3 000 K

DP-51360.01



h(m)	E(lx)	D(mm)
		74.4°
1	11950	1519
2	2988	3039
3	1328	4558

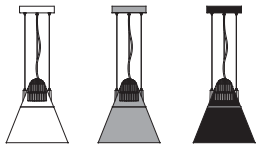
DP-51360.02



h(m)	E(lx)	D(mm)
		79.0°
1	11239	1648
2	2810	3296
3	1249	4944

TWIN LED PENDANT LIGHT

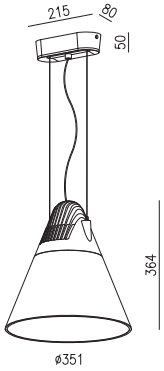
Designed by Eduardo Albors



Twin

DP-51100.02 SERIES

Direct Light Pendant



TYPE OF LED : COB

SHADE
AL. Spinning Processing, Electrostatic Powder Coating

GEAR BOX
AL. Die-Casting, Electro Powder Coating

REFLECTOR
AL. Anodized Specular Silver

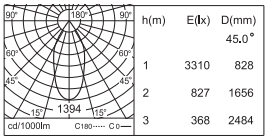
WIRE
STS / PVC

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

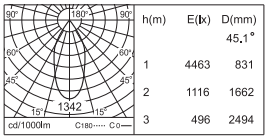
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51100.02						
19 W	16 W	33 Vdc	500 mA	80	3 000 K	1 980 lm
DP-51101.02						
27 W	23 W	34 Vdc	700 mA	80	3 000 K	2 680 lm

OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

DP-51100.02 COB 19 W



DP-51101.02 COB 27 W

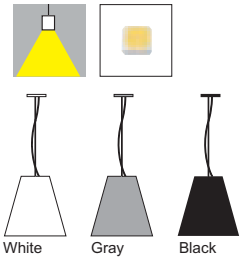


CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

SMOOTH LED PENDANT LIGHT

Designed by Carlo Tamborini

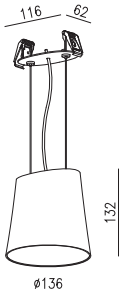


LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

DP-51260



1.6 kg

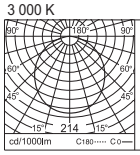
96 x 26 mm

TYPE OF LED	SMD (55 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
19 W	16 W	33 Vdc	500 mA	80	3 000 K	1 469 lm

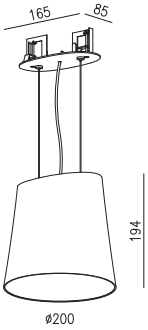
OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		107.8°
1	541	2745
2	135	5489
3	60	8234

DP-51270



2.1 kg

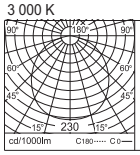
140 x 26 mm

TYPE OF LED	SMD (96 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	24 W	36 Vdc	700 mA	80	3 000 K	2 281 lm

OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



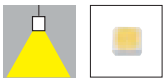
h(m)	E(lx)	D(mm)
		109.7°
1	822	2839
2	206	5679
3	91	8518

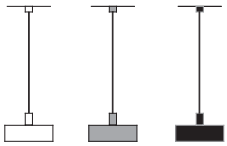
ABACO-P LED PENDANT LIGHT

Designed by Carlo Tamborini

Abaco-P Ø 120

Direct & Indirect Light Pendant





LED HOUSING
AL. Die-Casting, Electrostatic Powder Coating

COVER
PC

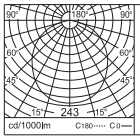
WIRE
PVC

TYPE OF LED	SMD (55 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
13 W	11 W	32 Vdc	350 mA	80	3 000 K	1 104 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		107.3°
1	410	2717
2	103	5433
3	46	8150

DP-51160.01 SMD 13 W

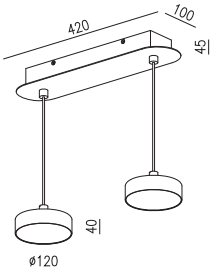
W 0.6 kg

DP-51160.02 SMD 13 W

ø 90mm

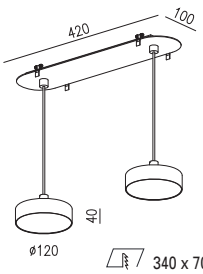
W 0.6 kg

DP-51160.03 SMD 13 W x 2



W 1.5 kg

DP-51160.04 SMD 13 W x 2

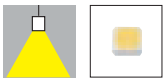


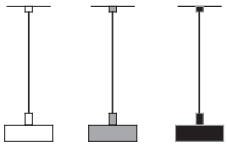
340 x 70mm

W 1.3 kg

Abaco-P ø 150

Direct & Indirect Light Pendant





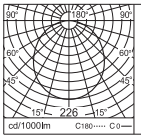
LED HOUSING	AL. Die-Casting, Electrostatic Powder Coating
COVER	PC
WIRE	PVC

TYPE OF LED	SMD (60 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
21 W	18 W	36 Vdc	500 mA	80	3 000 K	1 604 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		107.7°
1	589	2737
2	147	5473
3	65	8210

DP-51160.06 SMD 21 W

DP-51160.07 SMD 21 W

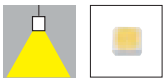
W 1.0 kg

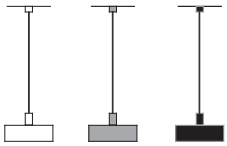
ø 90mm

W 1.0 kg

Abaco-P ø 200

Direct & Indirect Light Pendant





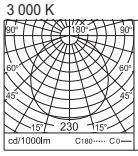
LED HOUSING	AL. Die-Casting, Electrostatic Powder Coating
COVER	PC
WIRE	PVC

TYPE OF LED	SMD (72 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
28 W	24 W	36 Vdc	700 mA	80	3 000 K	2 281 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K

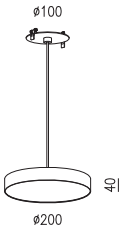


h(m)	E(lx)	D(mm)
		109.7°
1	822	2839
2	206	5679
3	91	8518

DP-51170.01 SMD 28 W

DP-51170.02 SMD 28 W

W 1.3 kg

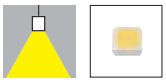


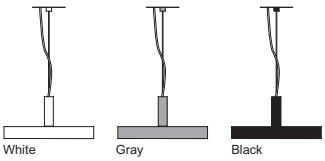
ø 90mm

W 1.3 kg

Abaco-P ø 300

Direct & Indirect Light Pendant





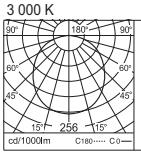
LED HOUSING	AL. Die-Casting, Electrostatic Powder Coating
COVER	PC
WIRE	PVC

TYPE OF LED	SMD (144 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
37 W	33 W	35 Vdc	950 mA	80	3 000 K	3 563 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

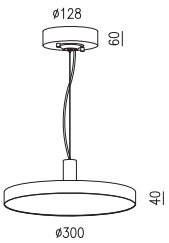
3 000 K



h(m)	E(lx)	D(mm)
		110.3 °
1	1271	2871
2	318	5741
3	141	8612

DP-51180.01 SMD 37 W

DP-51180.02 SMD 37 W



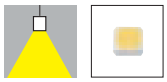
W 1.3 kg

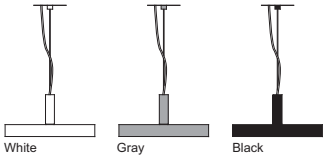
ø 90mm

W 1.3 kg

Abaco-P Ø 500

Direct & Indirect Light Pendant





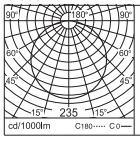
LED HOUSING	AL. Die-Casting, Electrostatic Powder Coating
COVER	PC
WIRE	STS / PVC or PIPE

TYPE OF LED	SMD (280 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
45 W	40 W	40 Vdc	1 050 mA	80	3 000 K	4 541 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

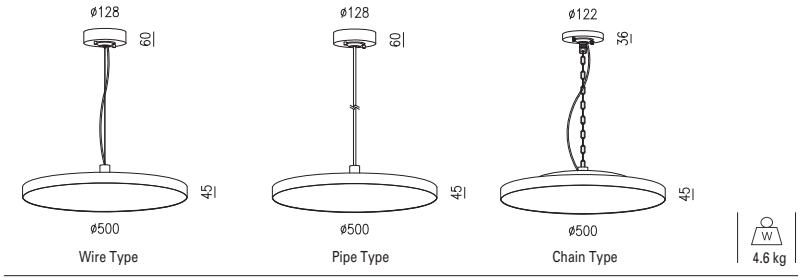
3 000 K



h(m)	E(lx)	D(mm)
		114.0°
1	1579	3079
2	395	6158
3	175	9236

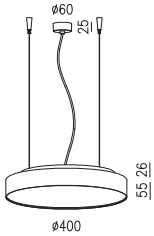
DP-51190 SMD 45 W

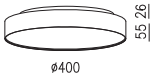
FLANGE OPTION



MOND LED PENDANT LIGHT

Mond ø 400





Direct Light Pendant
Surface Mounted DownLight

NEW DP-51290.01 SMD 35 W

NEW DP-51290.01-02 SMD 35 W

TYPE OF LED : SMD

White
Black
Gray

HOSING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
Steel, Electro Powder Coating

COVER
PC **UGR 16**

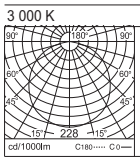
WIRE
STS

TYPE OF LED	SMD (168 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
35 W	30 W	41 Vdc	800 mA	80	3 000 K	3 134 lm

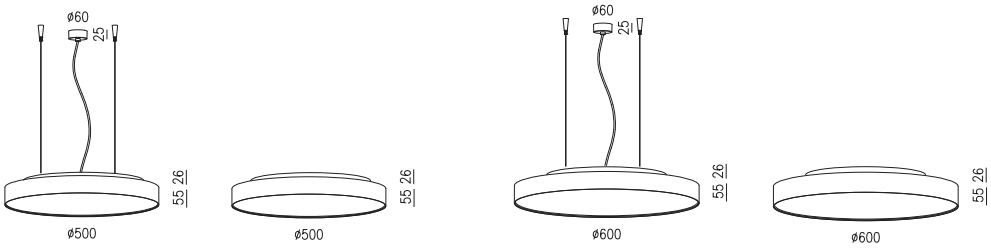
OPERATING TEMPERATURE RANGE	-20 to +40
MAINTENANCE OF LUMEN -L80	50 000 hours at 25
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



h(m)	E(lx)	D(mm)
		113.7°
1	1088	3063
2	272	6127
3	121	9190

Mond ø 500 / ø 600

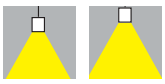


Direct Light Pendant
Surface Mounted DownLight

NEW DP-51300.01 / DP-51300.01-02 SMD 47 W

NEW DP-51310.01 / DP-51310.01-02 SMD 65 W

TYPE OF LED : SMD



5.7/ 6.5 kg

- White
- Black
- Gray

HOSING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
Steel, Electro Powder Coating

COVER
PC **UGR ≤16**

WIRE
STS

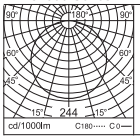
TYPE OF LED	SMD
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-51300.01 / 51300.01-02 (280 LED)						
47 W	40 W	40 Vdc	980 mA	80	3 000 K	4 300 lm
DP-51310.01 / 51310.01-02 (320 LED)						
65 W	56 W	46 Vdc	1 200 mA	80	3 000 K	5 949 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

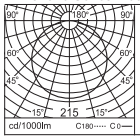
FLANGE OPTION

DP-51300 Series 47 W / 3 000 K



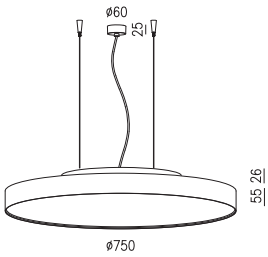
h(m)	E(lx)	D(mm)
		114.3 °
1	1487	3099
2	372	6198
3	165	9298

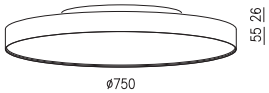
DP-51310 Series 65 W / 3 000 K



h(m)	E(lx)	D(mm)
		114.2 °
1	2057	3091
2	514	6182
3	229	9273

Mond ø 750



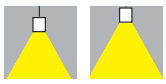


Direct Light Pendant
Surface Mounted DownLight

NEW DP-51320.01 SMD 78 W

NEW DP-51320.01-02 SMD 78 W

TYPE OF LED : SMD



W
7.7 kg

- White
- Black
- Gray

HOSING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
Steel, Electro Powder Coating

COVER
PC **UGR 16**

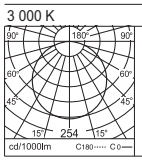
WIRE
STS

TYPE OF LED	SMD (420 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
78 W	70 W	100 Vdc	700 mA	80	3 000 K	7 890 lm

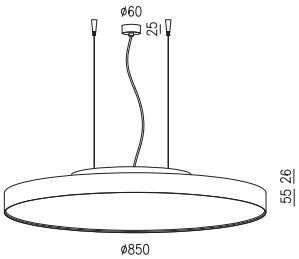
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

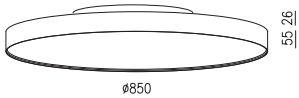
3 000 K



h(m)	E(lx)	D(mm)
		114.4 °
1	2722	3104
2	680	6209
3	302	9313

Mond ø 850



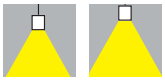


Direct Light Pendant
Surface Mounted DownLight

NEW DP-51330.01 SMD 85 W

NEW DP-51330.01-02 SMD 85 W

TYPE OF LED : SMD



W
9.4 kg

- White
- Black
- Gray

HOSING
AL. Extrude, Electrostatic Powder Coating

GEAR BOX
Steel, Electro Powder Coating

COVER
PC **UGR ≤16**

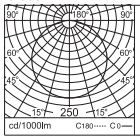
WIRE
STS

TYPE OF LED	SMD (480 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
85 W	80 W	114 Vdc	700 mA	80	3 000 K	8 876 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

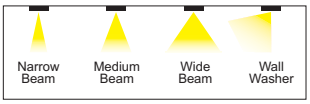
3 000 K

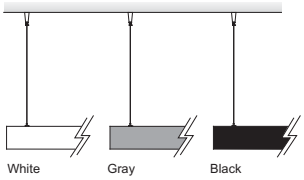


h(m)	E(lx)	D(mm) 114.5°
1	3060	3111
2	765	6223
3	340	9334

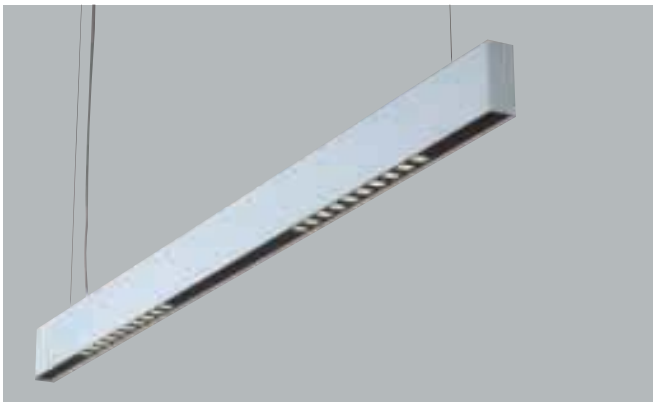
QUATTRO-P LED PENDANT LIGHT

[Beam Angle of LENS]





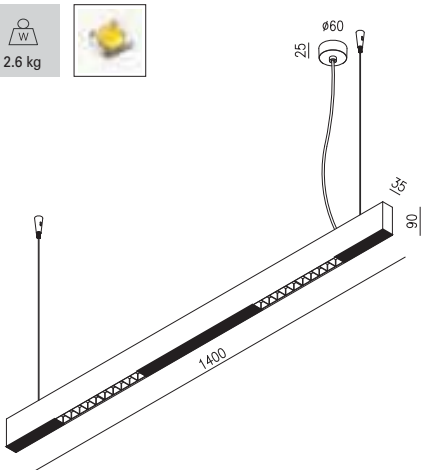
INSTALLATION OPTION



DP-59010

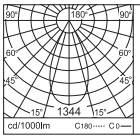
HOUSING	AL. Extrude, Electrostatic Powder Coating
COVER	Steel Plate & Lens(11°, 30°, 40°, 40/15°)
WIRE	STS
TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240 Vac, 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
48 W	47 W	35 Vdc x 2	700 mA x 2	80	3 000 K	3 484 lm



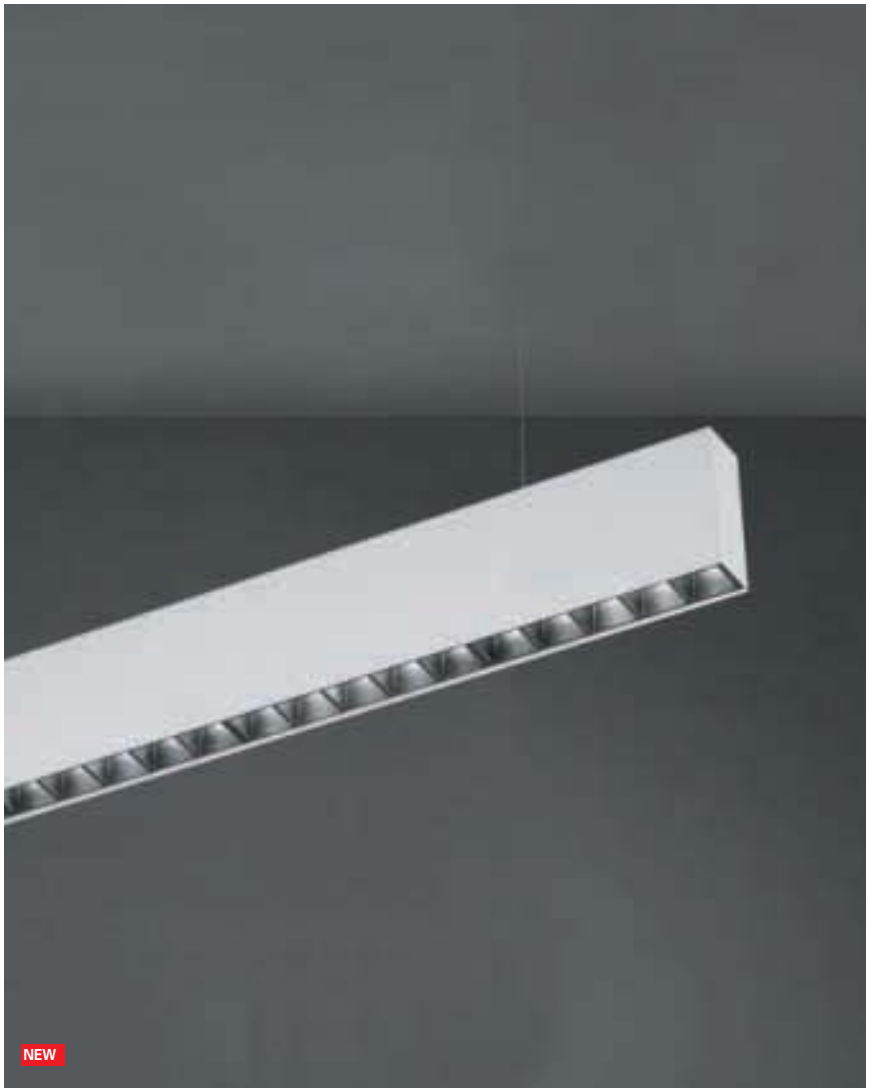
OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

POWER LED 3 000 K



h(m)	E(lx)	D(mm)
		45.3°
1	6121	834
2	1530	1668
3	680	2502

OPTION
MAGNETIC CONNECT TYPE



Quattro-P

Direct Light Pendant
& Surface Mounted Down Light

Pendant

Surface Mounted Light

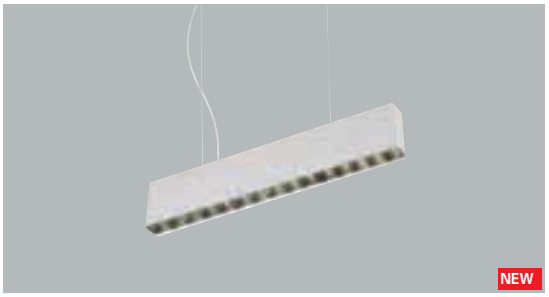
- White
- Black
- Gray

TYPE OF LED : POWER LED

HOUSING	AL. Extrude, Electrostatic Powder Coating
COVER	PC
WIRE	STS
TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240V AC , 50 / 60Hz

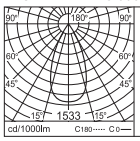
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-59020						
28 W	25 W	45 Vdc	570 mA	80	3 000 K	2 191 lm
DP-59030						
37 W	32 W	30 Vdc	1 050 mA	80	3 000 K	2 859 lm
DP-59040						
56 W	51 W	45 Vdc x 2	570 mA x 2	80	3 000 K	4 419 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

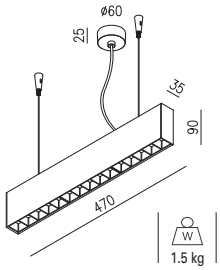


DP-59020 POWER LED (15LED) 28 W

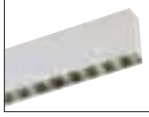
POWER LED 3 000 K

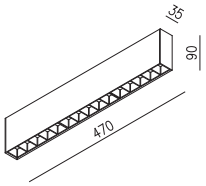


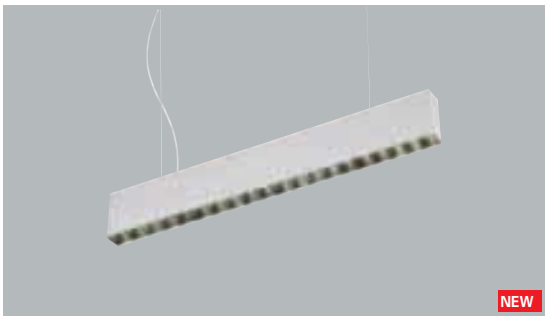
h(m)	E(lx)	D(mm)
		45.6°
1	3781	840
2	945	1680
3	420	2520



DP-59020-02
: Surface Mounted Light

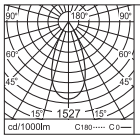




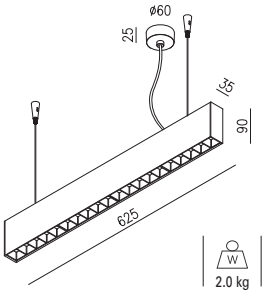


DP-59030 POWER LED (20LED) 37 W

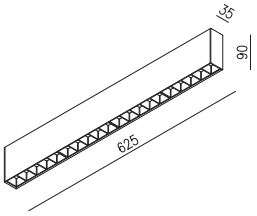
POWER LED 3 000 K

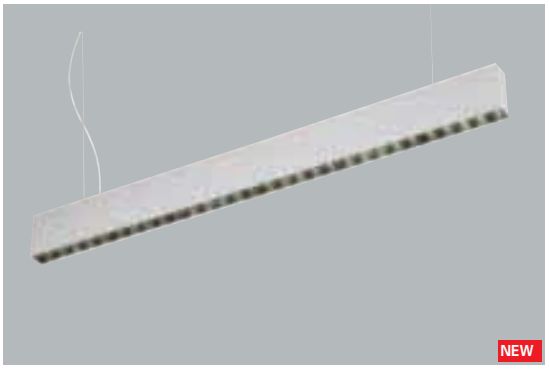


h(m)	E(lx)	D(mm)
		43.8°
1	5258	805
2	1314	1610
3	584	2415



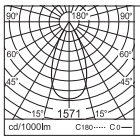
DP-59030-02
: Surface Mounted Light



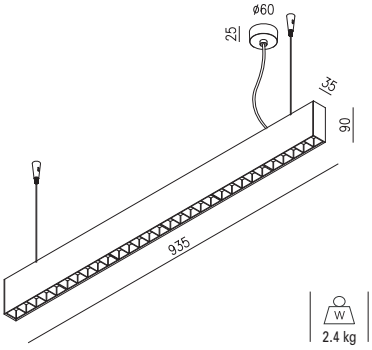


DP-59040 POWER LED (30LED) 56 W

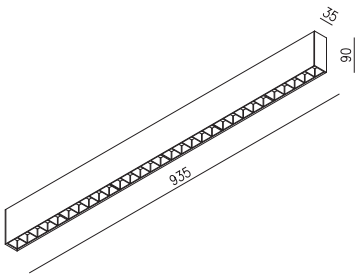
POWER LED 3 000 K



h(m)	E(lx)	D(mm)
		45.1°
1	7765	831
2	1941	1661
3	863	2492



DP-59040-02
: Surface Mounted Light



Quattro-P

Direct Light Pendant
& Surface Mounted Down Light

Pendant

Surface Mounted Light

- White
- Black
- Gray

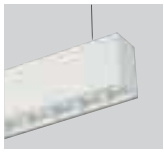
TYPE OF LED : POWER LED

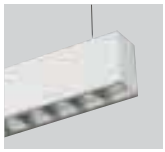
HOUSING	AL. Extrude, Electrostatic Powder Coating
COVER	PC
WIRE	STS
TYPE OF LED	POWER LED
INPUT VOLTAGE	220-240V AC , 50 / 60Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
DP-59050.01						
26 W	22 W	30 Vdc	700 mA	80	3 000 K	2 019 lm
DP-59050.02						
50 W	43 W	30 Vdc	700 mA x 2	80	3 000 K	4 104 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

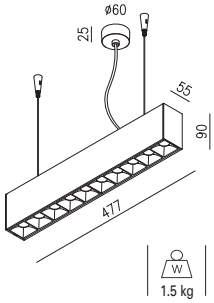
* COVER COLOR


White

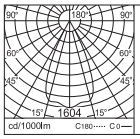

Silver

Black

DP-59050.01 POWER LED (10ED) 26 W

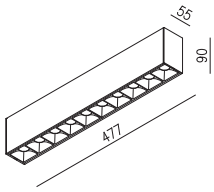


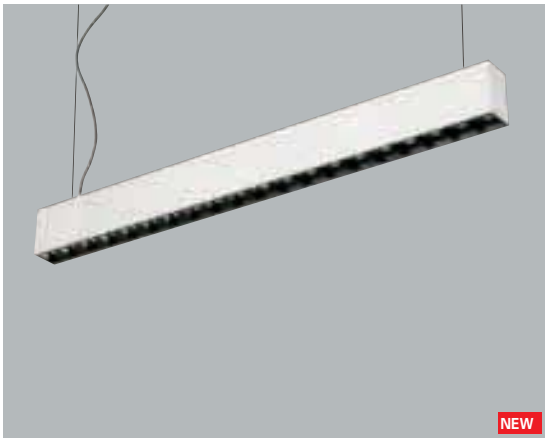
POWER LED 3 000 K



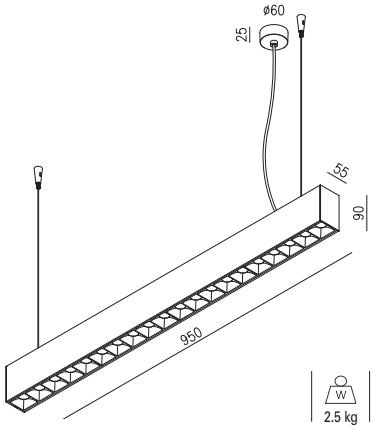
h(m)	E(lx)	D(mm)
		50.5°
1	3344	944
2	836	1889
3	372	2833

DP-59050.01-02
: Surface Mounted Light

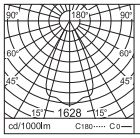




DP-59050.02 POWER LED (20LED) 50 W

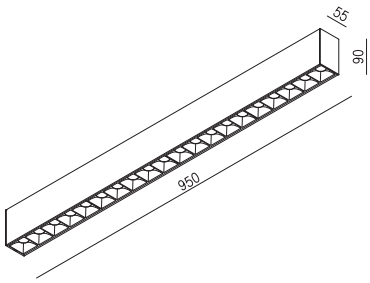


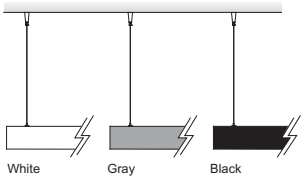
POWER LED 3 000 K



h(m)	E(lx)	D(mm)
		50.8°
1	6778	949
2	1695	1898
3	753	2847

DP-59050.02-02
: Surface Mounted Light



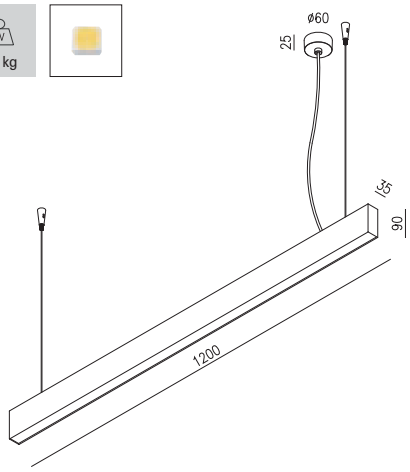


INSTALLATION OPTION

DP-59060

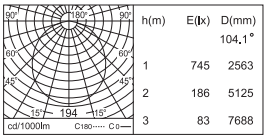
HOUSING	AL. Extrude, Electrostatic Powder Coating
COVER	PC
WIRE	STS
TYPE OF LED	SMD (96 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX
29 W	25 W	36 Vdc	700 mA	80	3 000 K	1 918 lm

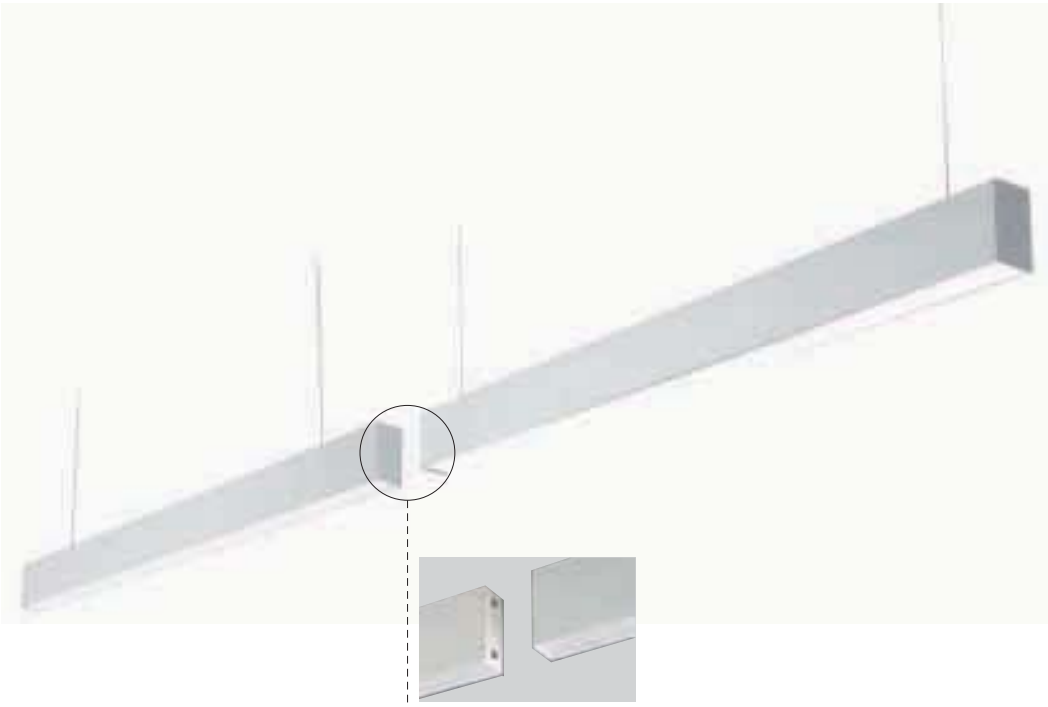


OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

3 000 K



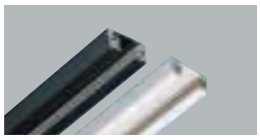
h(m)	E(lx)	D(mm)
		104.1°
1	745	2563
2	186	5125
3	83	7688



OPTION
MAGNETIC CONNECT TYPE

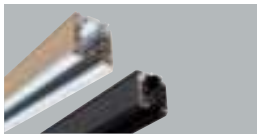
LIGHTING TRACK

1-Circuit Track System

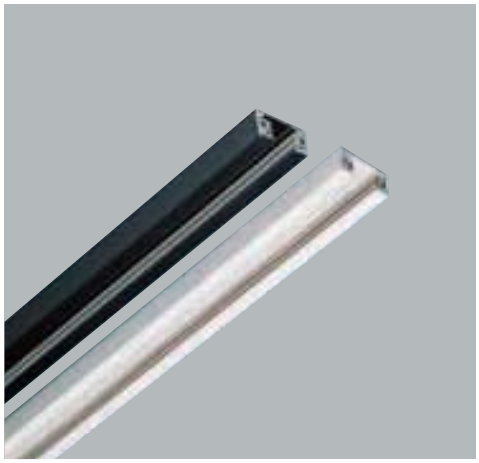


3-Circuit Track System

DALI Track System

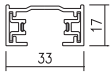


DC Track System
Magnetic Module

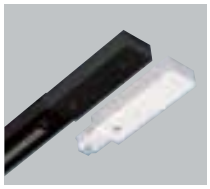


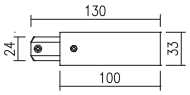
DR-101, 102, 103

1-Circuit Track System

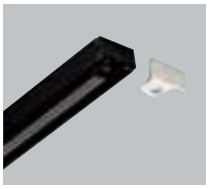


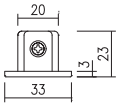
Track	Aluminum, Electrostatic Powder Coating (White, Black)
Spec	Single Circuit 2 Copper conductors (12A) Standard Length : 1m, 2m, 3m
DR-101	1m
DR-102	2m
DR-103	3m



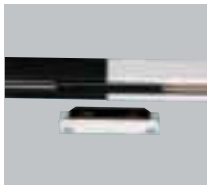


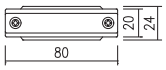
DR-105
Feed-in Cap / White, Black



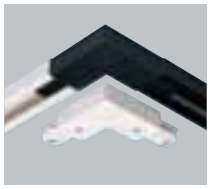


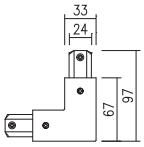
DR-106
End Cap / White, Black



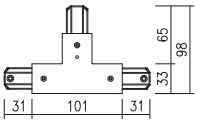


DR-107
Straight Connector / White, Black

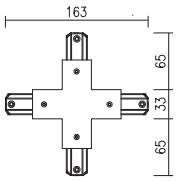




DR-108
L Connector / White, Black

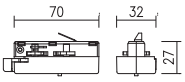


DR-110
T Connector / White, Black



DR-111
X Connector / White, Black

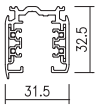
DR-152
Adapter / White, Black



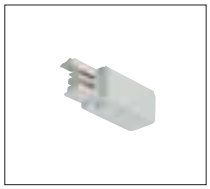
DR-153
Adapter / White, Black

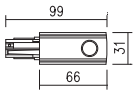
DR-301, 302, 303

3-Circuit Track System

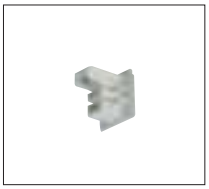


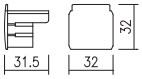
Track	Aluminum, Electrostatic Powder Coating (White, Black)
Spec	Three Circuit 4 Copper conductors (12A) Standard Length : 1m, 2m, 3m
DR-301	1m
DR-302	2m
DR-303	3m



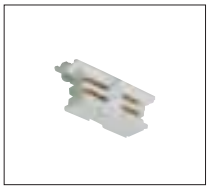


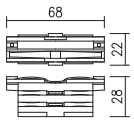
DR-305
Feed-in Cap / White, Black



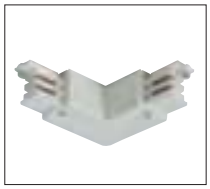


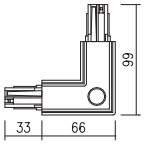
DR-306
End Cap / White, Black



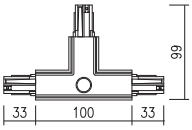


DR-307
Straight Connector / White, Black

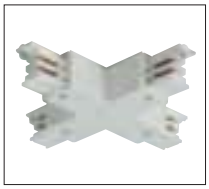


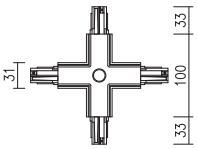


DR-308
L Connector / White, Black

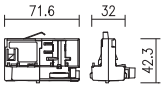


DR-310
T Connector / White, Black

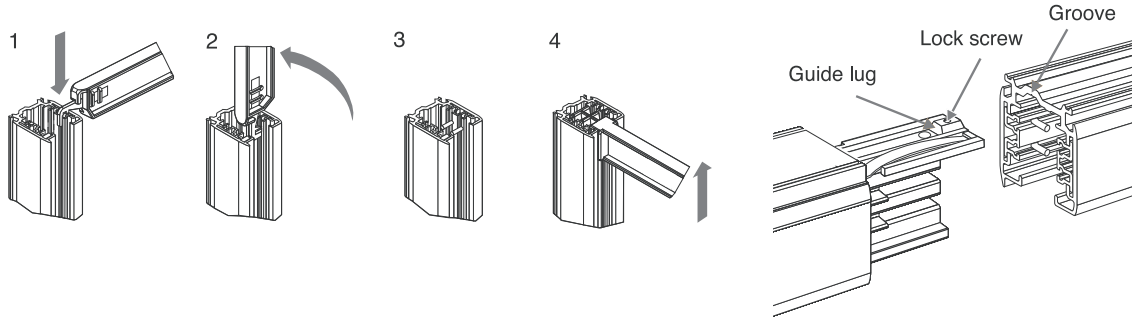




DR-311
X Connector / White, Black



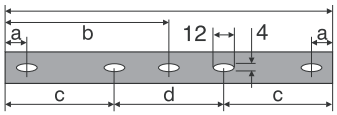
DR-351
Adapter / White, Black



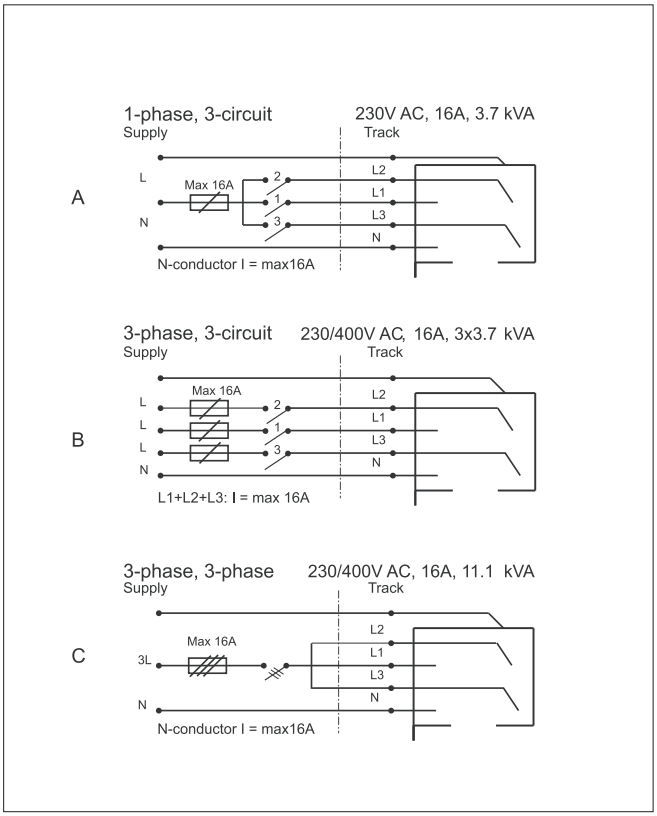
Distances of the fastening holes

L mm	a mm	b mm	c mm	d mm
1000	250			
2000	250	1000		
3000	250		1000	1000

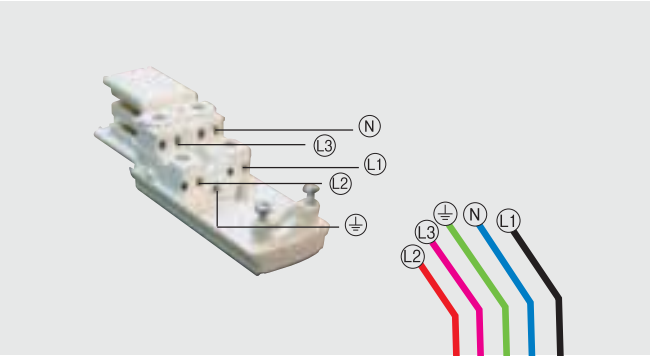
L = track length



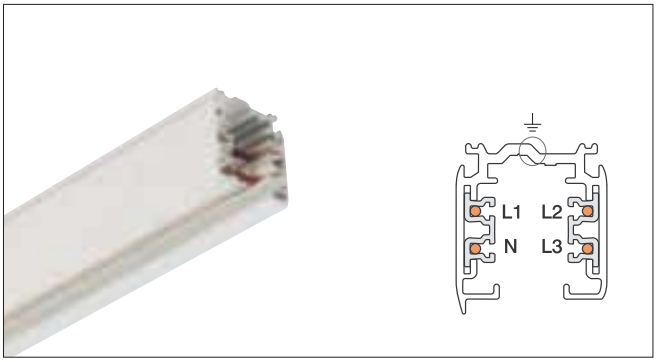
SCHEMATIC _회로도

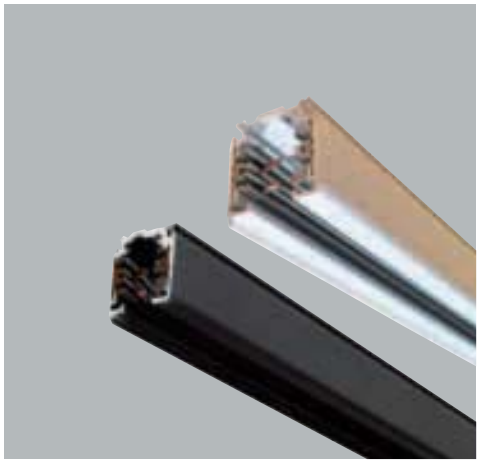


POWER GROUND CONNECTIONS _전원 접지 연결 시키는 법



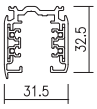
POWER GROUND CONNECTIONS _전원 접지 연결 시키는 법



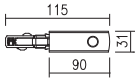


DR-401, 402, 403

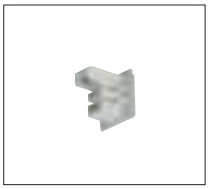
DALI Track System

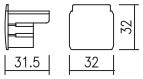


Track	Aluminum, Electrostatic Powder Coating (White, Black)
Spec	Three Circuit 6 Copper conductors (12A) Standard Length : 1m, 2m, 3m
DR-401	1m
DR-402	2m
DR-403	3m

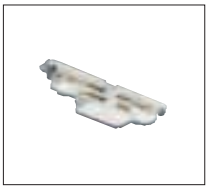


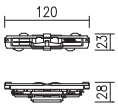
DR-405
Feed-in Cap / White, Black



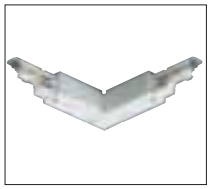


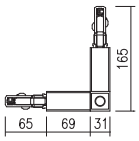
DR-406
End Cap / White, Black



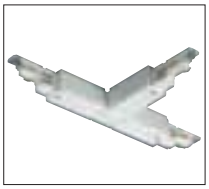


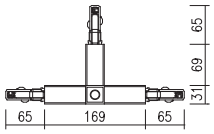
DR-407
Straight Connector / White, Black



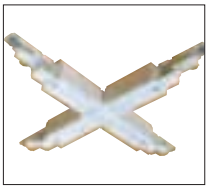


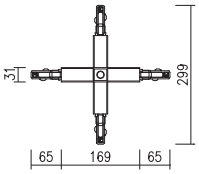
DR-408
L Connector / White, Black



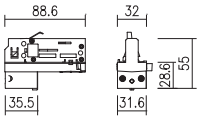


DR-410
T Connector / White, Black

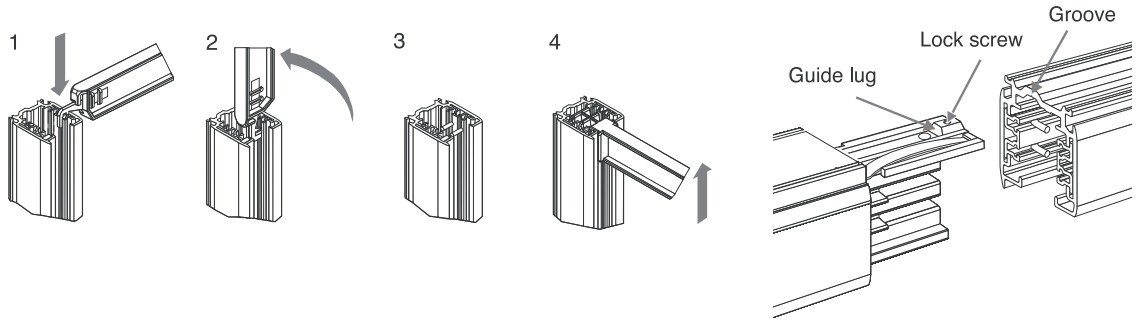




DR-411
X Connector / White, Black



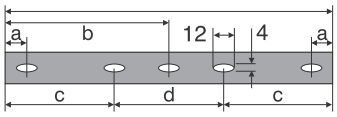
DR-451
Adapter / White, Black



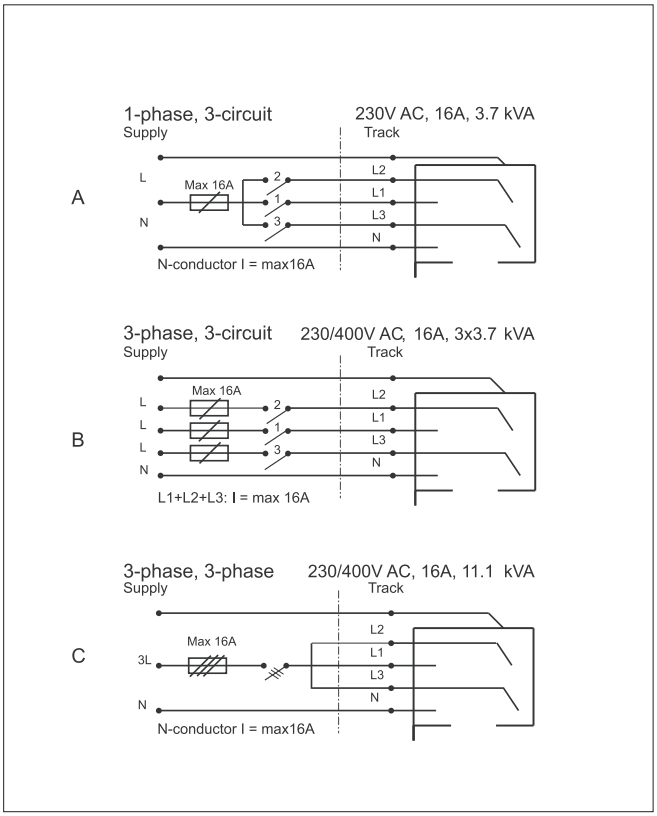
Distances of the fastening holes

L mm	a mm	b mm	c mm	d mm
1000	250			
2000	250	1000		
3000	250		1000	1000

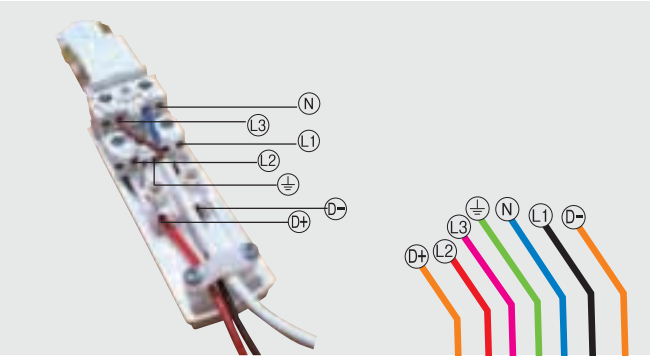
L = track length



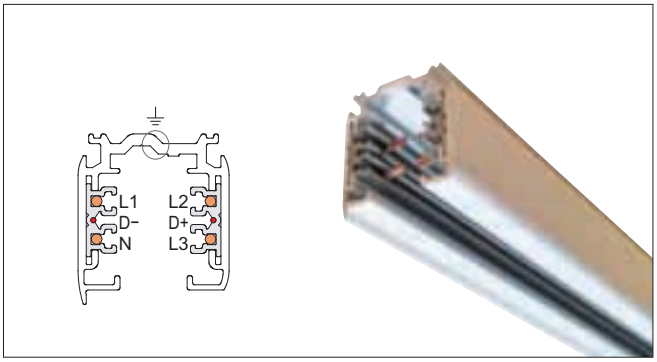
SCHEMATIC _회로도

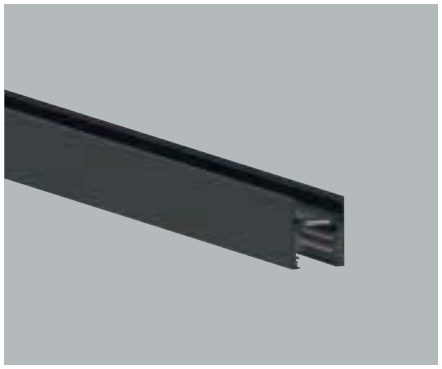


POWER GROUND CONNECTIONS _전원 접지 연결 시키는 법



POWER GROUND CONNECTIONS _전원 접지 연결 시키는 법



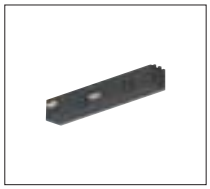


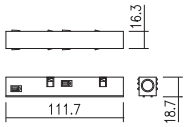
DR-501.01 SERIES

DC Track System

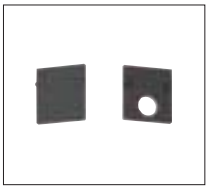
Track	AL, Electrostatic Powder Coating (White, Black)
Spec	Low Voltage Track (48V)

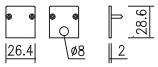
DR-501.01	1m
DR-502.01	2m
DR-503.01	3m



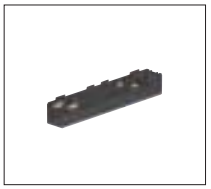


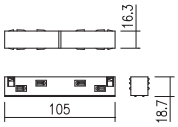
DR-505
Feed-in Cap / White, Black



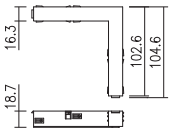


DR-506.01
End Cap / White, Black

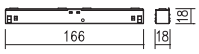




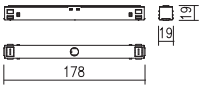
DR-507
Straight Connector / White, Black



DR-508
L Connector / White, Black



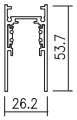
DR-551
Adapter / White, Black



DR-552
Adapter / White, Black

DR-501.02 SERIES

DC Track System

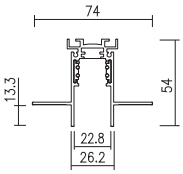


Track	AL, Electrostatic Powder Coating (White, Black)
Spec	Low Voltage Track (48V)

DR-501.02	1m
DR-502.02	2m
DR-503.02	3m

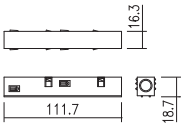
DR-501.03 SERIES

DC Track System

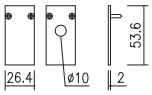


Track	AL, Electrostatic Powder Coating (White, Black)
Spec	Low Voltage Track (48V)

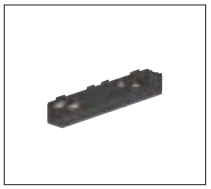
DR-501.03	1m
DR-502.03	2m
DR-503.03	3m

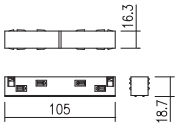


DR-505
Feed-in Cap / White, Black

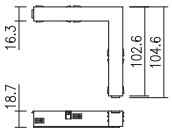


DR-506.02
End Cap / White, Black

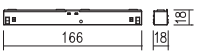




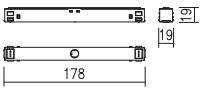
DR-507
Straight Connector / White, Black



DR-508
L Connector / White, Black

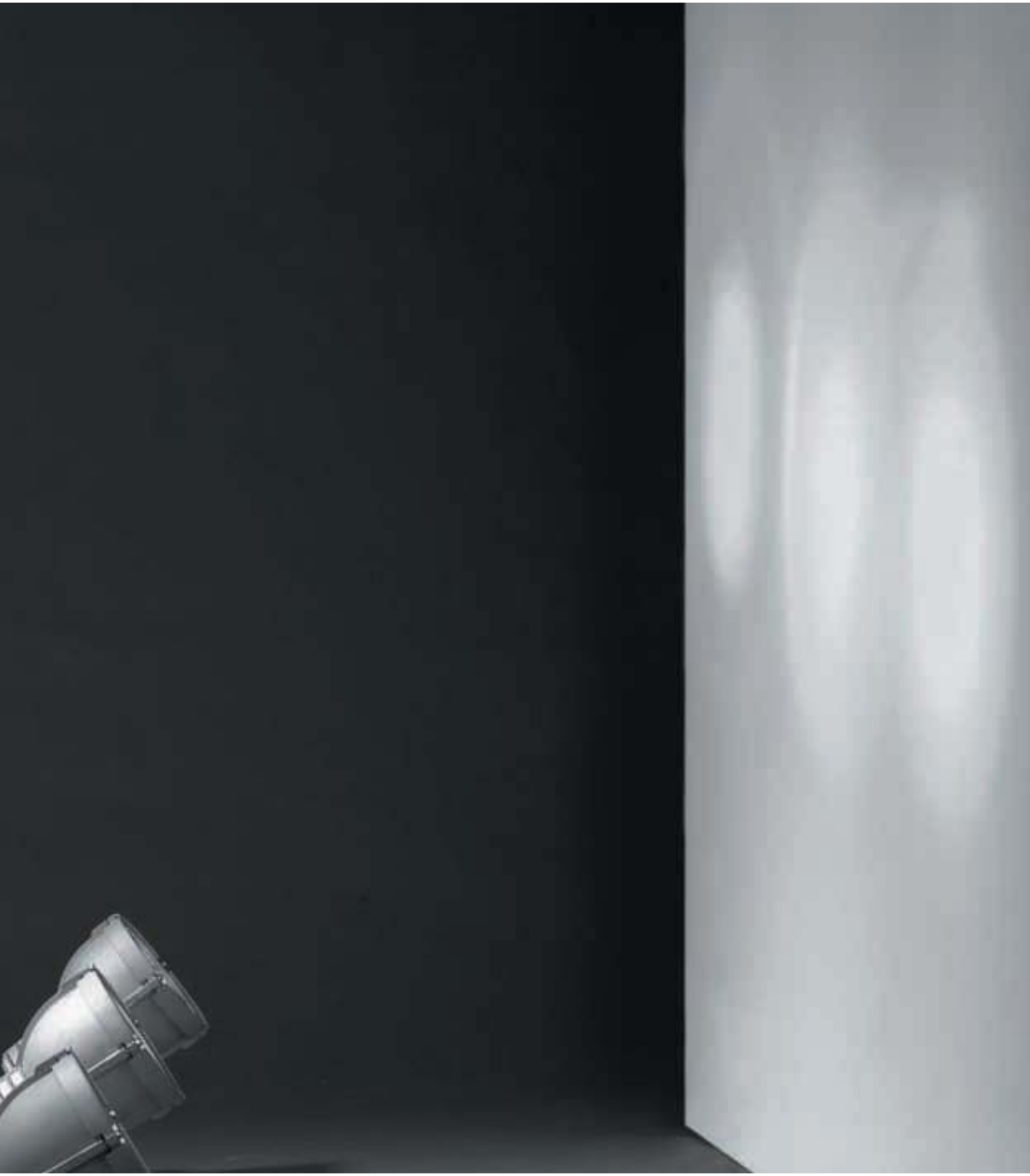


DR-551
Adapter / White, Black



DR-552
Adapter / White, Black

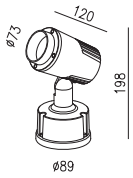
SUNDIAL LED FLOOD LIGHT



Sundial
LED FLOOD LIGHT

DF-48170 / DF-48190 & DF-48200
These fixtures are round shape garden light.
Easy installation and convenient maintenance.
Simple and solid, AL. Die-casting body is light and has great durability.

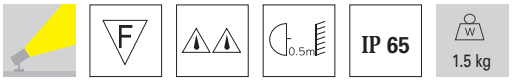
DF-79012 / DF-79202
These fixtures are round shape flood light.
Easy installation and convenient maintenance.
Simple and solid, AL. Die-casting body is light and has great durability.
These series have an angle sign to easy to show tilt angle and assembling projection on the covers to attach accessories.



DF-48170 COB 11 W

Light Gray Black Dark Gray

TYPE OF LED : COB



HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DRIVER CASE
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
PC (Vacuum Coating)

GLASS
Clear Tempered Glass

ACCESSORY
Hood A or B : AL. Die-Casting
Peg : AL. Die-Casting

MOUNTING OPTION
Wall & Surface Mounting
Peg Mounting

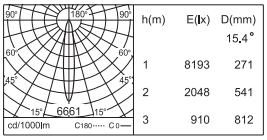
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
11 W	9 W	34 Vdc	250 mA	80	3 000 K	15.4°	1 042 lm
						27.8°	1 037 lm
						40.3°	1 036 lm

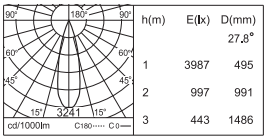
OPERATING TEMPERATURE RANGE	-20 to +40 °C
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 °C
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

PHOTOMETRIC DATA

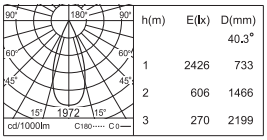
3 000 K



3 000 K

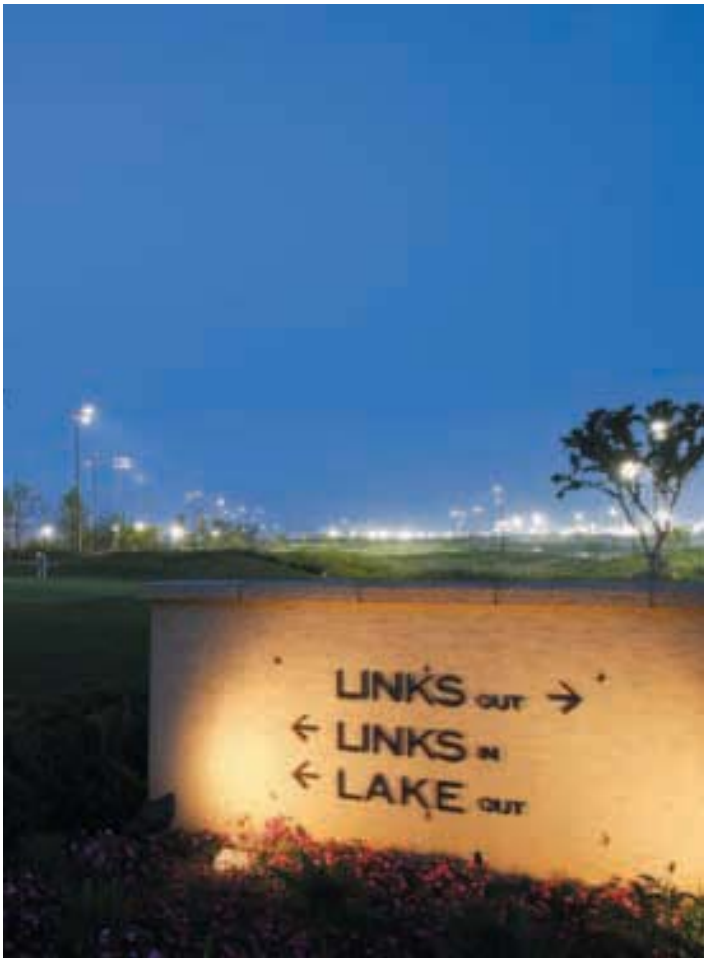


3 000 K



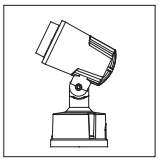
CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

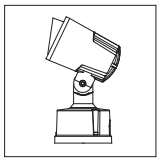


Accessories

Peg
- AL. Die-Casting
- Light Gray, Black, Dark Gray



Hood-A
- AL. Die-Casting
- Light Gray, Black, Dark Gray



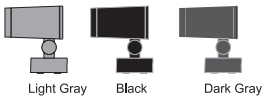
Hood-B
- AL. Die-Casting
- Light Gray, Black, Dark Gray

Examples

DF-48170
Wall & Surface Mounting

DF-48170-05
Peg Mounting

TYPE OF LED : COB



HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DRIVER CASE
AL. Die-Casting, Electrostatic Powder Coating

REFLECTOR
LENS

GLASS
Clear Tempered Glass

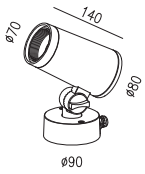
ACCESSORY
Peg : AL. Die-Casting

MOUNTING OPTION
Wall & Surface Mounting
Peg Mounting

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

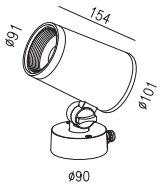
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
DF-48190							
15 W	12 W	35 Vdc	350 mA	80	3 000 K	17.3°	1 265 lm
						29.0°	1 337 lm
						39.2°	1 352 lm
DF-48200							
23 W	20 W	35 Vdc	600 mA	80	3 000 K	20.1°	2 513 lm
						29.5°	2 536 lm
						46.3°	2 593 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K



0.9 kg

NEW DF-48190 COB 15 W



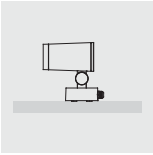
1.5 kg

NEW DF-48200 COB 23 W

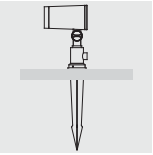
Accessories

Peg
- AL. Die-Casting
- Light Gray, Black, Dark Gray

Examples



DF-48190
DF-48200
Wall & Surface Mounting



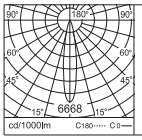
DF-48190-05
DF-48200-05
Peg Mounting

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

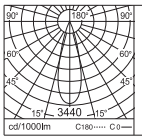
DF-48190 COB 15 W

3 000 K



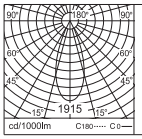
h(m)	E(lx)	D(mm)
		17.3°
1	10303	304
2	2576	609
3	1145	913

3 000 K



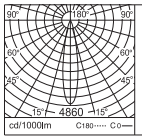
h(m)	E(lx)	D(mm)
		29.0°
1	5315	517
2	1329	1034
3	591	1551

3 000 K

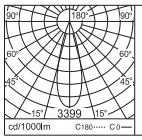


h(m)	E(lx)	D(mm)
		39.2°
1	2958	713
2	739	1425
3	329	2138

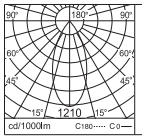
DF-48200 COB 23 W



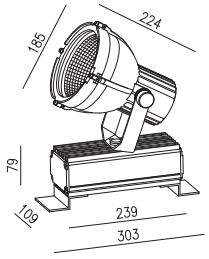
h(m)	E(lx)	D(mm)
		20.1°
1	14953	354
2	3738	708
3	1661	1062



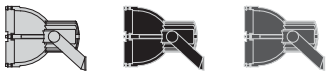
h(m)	E(lx)	D(mm)
		29.5°
1	10460	526
2	2615	1052
3	1162	1578



h(m)	E(lx)	D(mm)
		46.3°
1	3722	855
2	930	1710
3	414	2565

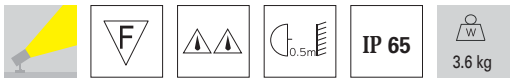


DF-79012 COB 61 W



Light Gray Black Dark Gray

TYPE OF LED : COB



HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DRIVER CASE
AL. Extrude, Electrostatic Powder Coating

REFLECTOR
AL. Anodized Specular Silver

GLASS
Clear Tempered Glass

ACCESSORY
Fixed Hood : AL. Die-Casting
Peg : AL. Die-Casting
Bracket : AL. Plate

MOUNTING OPTION
Wall & Surface Mounting
Peg Mounting
Pole Mounting

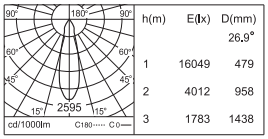
TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
61 W	54 W	37 Vdc	1 460 mA	80	3 000 K	26.9°	4 756 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91



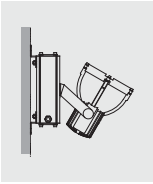
h(m)	E(lx)	D(mm)
		26.9°
1	16049	479
2	4012	958
3	1783	1438

Accessories

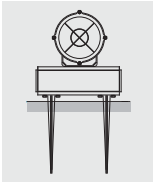
Fixed Hood
- Aluminium
- Light Gray, Black, Dark Gray

Peg
- AL. Die-Casting
- Light Gray, Black, Dark Gray

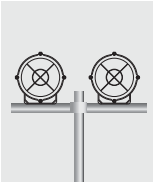
Examples



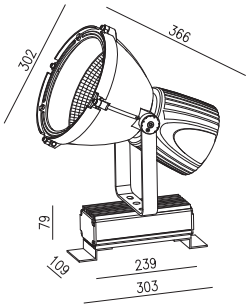
DF-79012
Wall & Surface Mounting



DF-79012-05
Peg Mounting



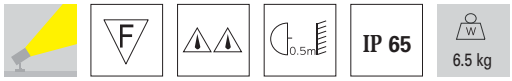
DF-79012-06
Pole Mounting



Light Gray Black Dark Gray

DF-79202 COB 106 W

TYPE OF LED : COB



HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DRIVER CASE
AL. Extrude, Electrostatic Powder Coating / Silicon Lens

REFLECTOR
AL. Anodized Specular Silver / Silicon Lens

GLASS
Clear Tempered Glass

ACCESSORY
Fixed Hood : AL. Die-Casting
Peg : AL. Die-Casting
Bracket : AL. Plate

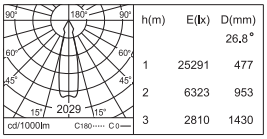
MOUNTING OPTION
Wall & Surface Mounting
Peg Mounting
Pole Mounting

TYPE OF LED	COB
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	BEAM ANGLE	LUMINOUS FLUX
106 W	91 W	53 Vdc	1 700 mA	80	3 000 K	26.8°	7 789 lm
						48.2°	8 816 lm

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	4 000 K / 3 000 K

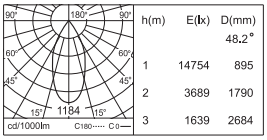
3 000 K



CCT MULTIPLIERS

	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

3 000 K



Accessories

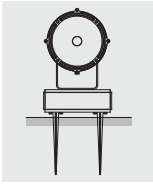
Fixed Hood
- Steel
- Light Gray, Black, Dark Gray

Peg
- AL. Die-Casting
- Light Gray, Black, Dark Gray

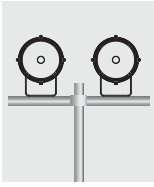
Hood Type

Examples

DF-79202
Wall & Surface Mounting



DF-79202-05
Peg Mounting



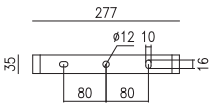
DF-79202-06
Pole Mounting

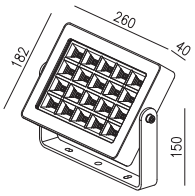
SUNBOARD LED FLOOD LIGHT

These fixtures are round shape garden light.
Easy installation and convenient maintenance.
Simple and solid, AL. Die-casting body is light and has great durability.

Hood Type

*ANCHOR BASE





DF-79880 COB 67 W

Light Gray Black Dark Gray

TYPE OF LED : SMD

HOUSING & HEAT SINK
AL. Die-Casting, Electrostatic Powder Coating

DRIVER COVER
Steel, Electrostatic Powder Coating

REFLECTOR
PC

GLASS
Clear Tempered Glass

ACCESSORY
Fixed Hood : AL. Plate

TYPE OF LED	SMD (60 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz

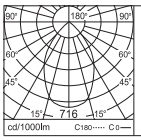
INPUT POWER	OUTPUT POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	CRI	COLOR TEMPERATURE	LUMINOUS FLUX	
67 W	62 W	89 Vdc	700 mA	80	3 000 K	6 071 lm	(without Hood)
67 W	62 W	89 Vdc	700 mA	80	3 000 K	5 421 lm	(with Hood)

OPERATING TEMPERATURE RANGE	-20 to +40 ℃
MAINTENANCE OF LUMEN -L80	50 000 hours at 25 ℃
COLOR RENDERING INDEX	80, 90
COLOR TEMPERATURE	5 000 K / 4 000 K / 3 000 K

CCT MULTIPLIERS

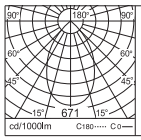
	CRI 80	CRI 90
3 000 K	x 1.00	x 0.85
4 000 K	x 1.06	x 0.91

(without Hood)



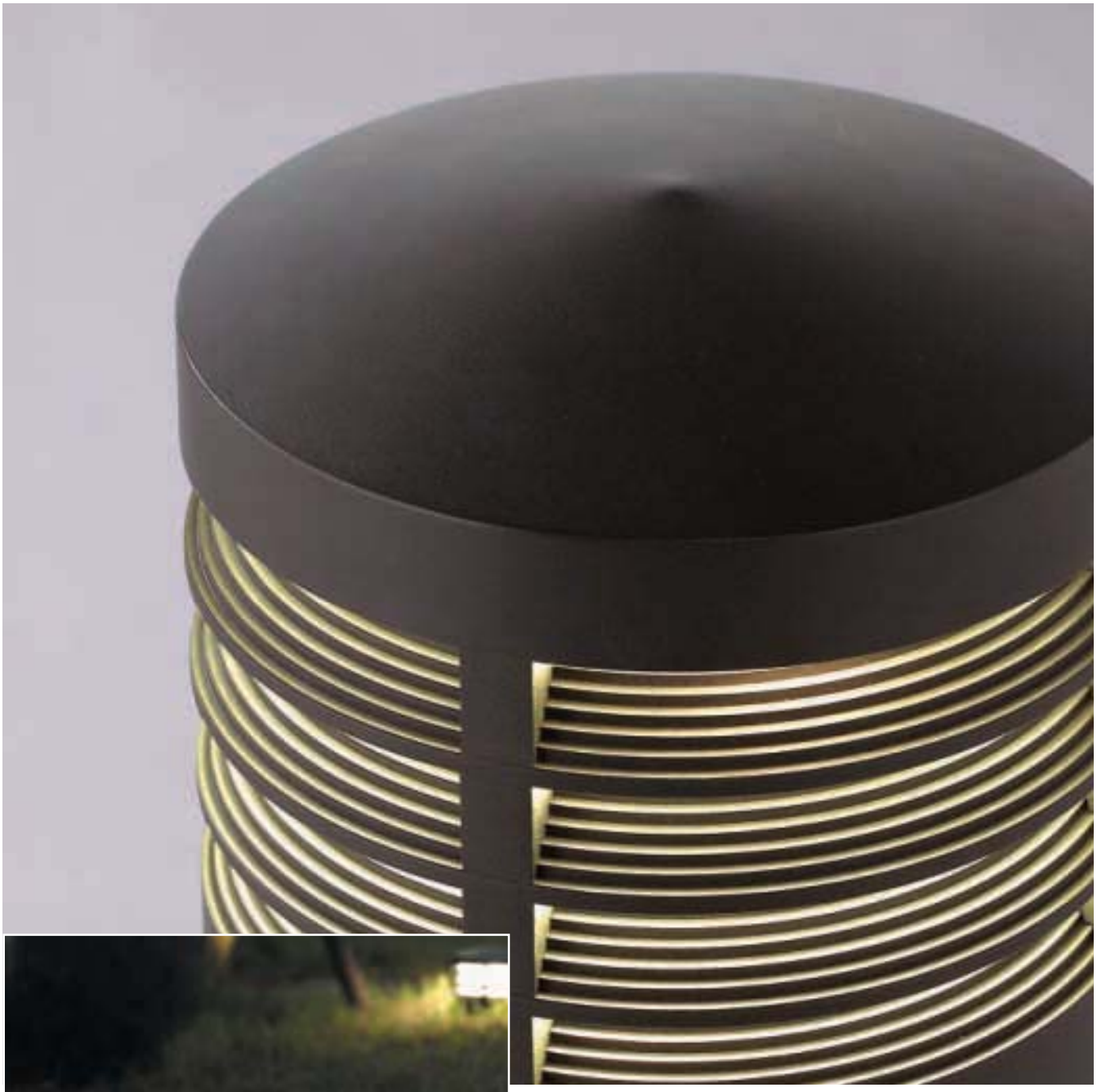
h(m)	E(lx)	D(mm)
		66.8°
1	5298	1318
2	1324	2636
3	589	3954

(with Hood)



h(m)	E(lx)	D(mm)
		64.1°
1	4970	1253
2	1243	2507
3	552	3760

SHARE LED BOLLARD LIGHT



Share

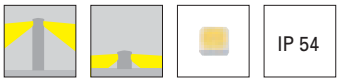
BOLLARD LIGHT

DBO-75142 series

DBO-75162 series

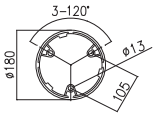
Share

POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (48 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	10 W
OUTPUT VOLTAGE	34 Vdc (nominal)
LUMINOUS FLUX	106 lm
OUTPUT CURRENT	250 mA
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K



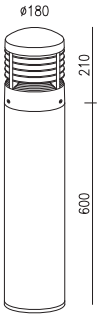
Light Gray
Black
Dark Gray

Anchor Base



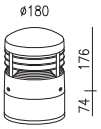
Option

DBO-75142-01



Weight : 6.6 kg

DBO-75142-02



Weight : 3.5 kg

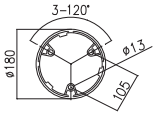
Share

POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (48 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	10 W
OUTPUT VOLTAGE	34 Vdc (nominal)
LUMINOUS FLUX	193 lm
OUTPUT CURRENT	250 mA
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K

IP 54

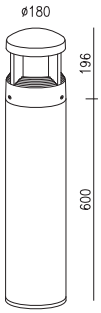
- Light Gray
- Black
- Dark Gray

Anchor Base



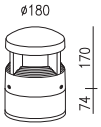
Option

DBO-75162-01



Weight : 6.6 kg

DBO-75162-02

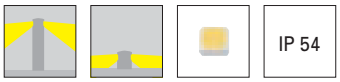


Weight : 3.5 kg

LUME LED BOLLARD LIGHT

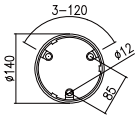
Lume

POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (36 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	11 W
OUTPUT VOLTAGE	35 Vdc (nominal)
LUMINOUS FLUX	169 lm
OUTPUT CURRENT	250 mA
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K

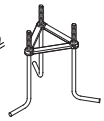


Light Gray
Black
Dark Gray

Anchor Base



Option



DBO-75230-01

Weight : 3.7 kg

DBO-75230-02

Weight : 1.2 kg

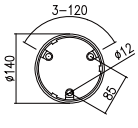
Lume

POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (36 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	11 W
OUTPUT VOLTAGE	35 Vdc (nominal)
LUMINOUS FLUX	254 lm
OUTPUT CURRENT	250 mA
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K

IP 54

- Light Gray
- Black
- Dark Gray

Anchor Base



Option

DBO-75240-01

Weight : 3.7 kg

DBO-75240-02

Weight : 1.2 kg

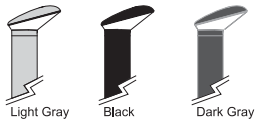
BITTA LED BOLLARD LIGHT

Designed by Bruno Gecchelin

Bitta

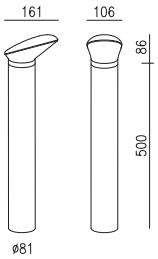
POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (36 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	8 W
OUTPUT VOLTAGE	34 Vdc (nominal)
LUMINOUS FLUX	428 lm
OUTPUT CURRENT	200 mA
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K

IP 65



Bollard Light

DBO-75250

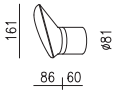


Anchor Base

Weight : 1.5 kg

Wall Bracket Light

DWB-76600

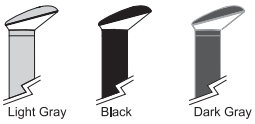


Weight : 0.6 kg

Bitta

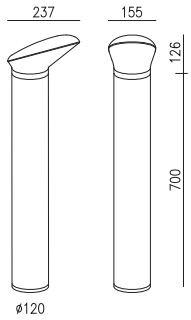
POLE	AL. Extrude, Electrostatic Powder Coating
HEAD	AL. Die-Casting, Electrostatic Powder Coating
ANCHOR BASE	AL. Die-Casting, Electrostatic Powder Coating
ACCESSORY	Diffuser _PC(sanding)
TYPE OF LED	SMD (72 LED)
INPUT VOLTAGE	220-240 Vac , 50/60 Hz
INPUT POWER	15 W / 20 W
OUTPUT VOLTAGE	35 Vdc (nominal)
LUMINOUS FLUX	428 lm (15 W) / 1 208 lm (20 W)
OUTPUT CURRENT	350 mA (15 W) / 500 mA (20 W)
COLOR RENDERING INDEX	80
OPERATING TEMPERATURE RANGE	-20 to + 40 ℃
MAINTENANCE OF LUMEN -L70	25 000 hours at 25 ℃
COLOR TEMPERATURE	4 000 K / 3 000 K

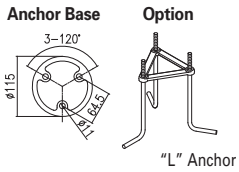
IP 65



Bollard Light

DBO-75260

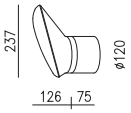




Weight : 2.5 kg

Wall Bracket Light

DWB-76610



Weight : 1.5 kg

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