

Experience the Sky



Zodiac
Authorised Distributor



CoeLux is an Italian company that designs and produces high-tech systems capable of replicating the **natural experience of the sun and sky** typically found in outdoor settings.

Objects gleam in the exceptional light shining from the sky, casting sharp sky-blue shadows: especially in an **underground environment**, the effect is so powerful that it can radically change our perception of reality. It allows us to rediscover natural light in the real world in a totally new and surprising way. CoeLux uses **advanced lighting technology** that can be controlled via smart home system or through the CoeLux App. CoeLux systems can be installed on the ceiling and - in some cases - on the wall. The **available collections** are High End, Long Sky, High Tech and Sky Line.



The Sun's distance from
planet Earth

149,598,000 km

Three core technologies

The full effect of the sky and sun in an artificial device.

Custom-made **high-brightness LEDs**.

A sophisticated system of **optics**.

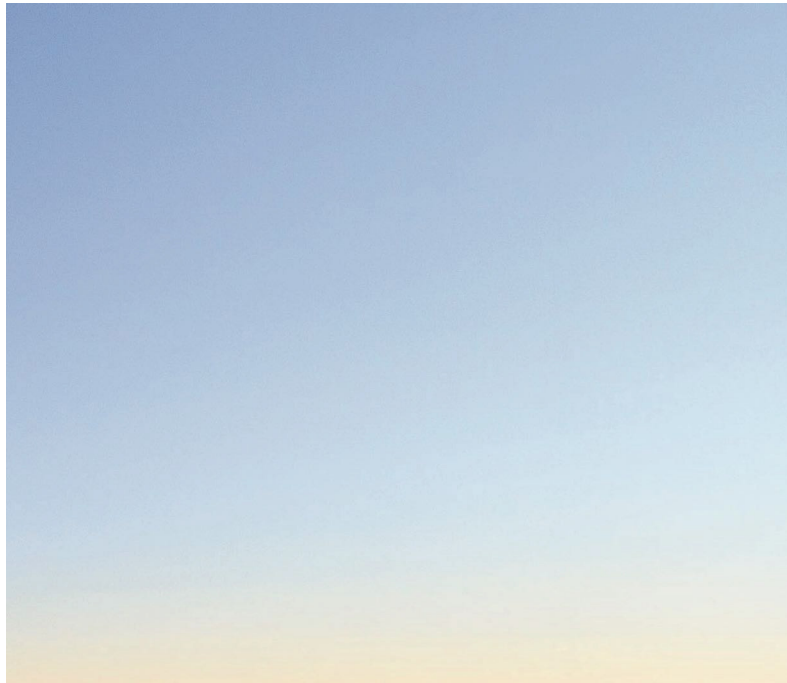
A randomised dispersion of **nanoparticles** in a thin transparent material reproduces the same quality and amount of **Rayleigh scattering** that sun rays experience when crossing the atmosphere, which causes our sky to appear luminous and blue.



Unique technology, true sensations

From day one, CoeLux has been making significant investments to create a unique value that only CoeLux can offer, with more than **160 IP rights between patents and patent applications filed worldwide**, along the whole value chain of sun-sky simulating devices and related technologies.

Set the atmosphere closest to your emotions



CoeLux products can be operated through a DALI, 0-10V or Casambi control system, working via **Bluetooth**, **App** or **Keypad**. A scene can be set in sync with the course of the day for one or more CoeLux devices, or several scenes can be integrated according to the environmental requirements.

Classic and Smart Sky version

The **Classic version** appears as a bright blue sky and features a dimmer function.

Smart Sky version allows you to recreate the passage of time from sunrise to sunset, enjoying gradually shifting colours and light intensity throughout the day.

The CoeLux Collection:

4 product families

9 products with multiple options

Families:

CoeLux High Tech

CoeLux Sky Line

CoeLux Long Sky

CoeLux High End

Products:

CoeLux High Tech 25 - Classic / Smart Sky

CoeLux High Tech 25 Mini - Classic / Smart Sky

CoeLux Sky Line - Classic / Smart Sky

CoeLux Long Sky Matte

CoeLux Long Sky Ice

CoeLux Long Sky Array

CoeLux 45 HC - Sun / Sun Plus / Sun & Moon

CoeLux 45 LC - Sun / Sun Plus / Sun & Moon

CoeLux 45 Square - Sun / Sun Plus

A modern interior space with a large, light-colored wooden bookshelf on the right side, filled with books and decorative objects. The bookshelf has a modular design with vertical supports and horizontal shelves. To the left of the bookshelf is a tall, narrow wooden panel with a grid of square cutouts. On the far left, a large, abstract, rectangular artwork with a dark horizontal band is mounted on the wall. The ceiling features a large, rectangular skylight with a blue-tinted glass. The walls are a neutral, light gray color. The overall aesthetic is minimalist and contemporary.

CoeLux Products



- 
Classic
- 
Smart Sky
- 
zenith
- 
0.4-100%

CoeLux High Tech 25

High Tech Flat

Featuring a zenithal beam of light and a versatile design, CoeLux High Tech 25 encloses a 25 cm thick rectangular window with a clear and serene sky. Ideal for creating semi-continuous windows, it can give the perception of large portions of sky.





CoeLux HT25 Mini with
different light intensities
and chromaticisms



NOVELTIES 2022

ALSO AVAILABLE
IN THE SMART SKY
VERSION



Classic



Smart Sky



zenith



0.4-100%

CoeLux High Tech 25 Mini

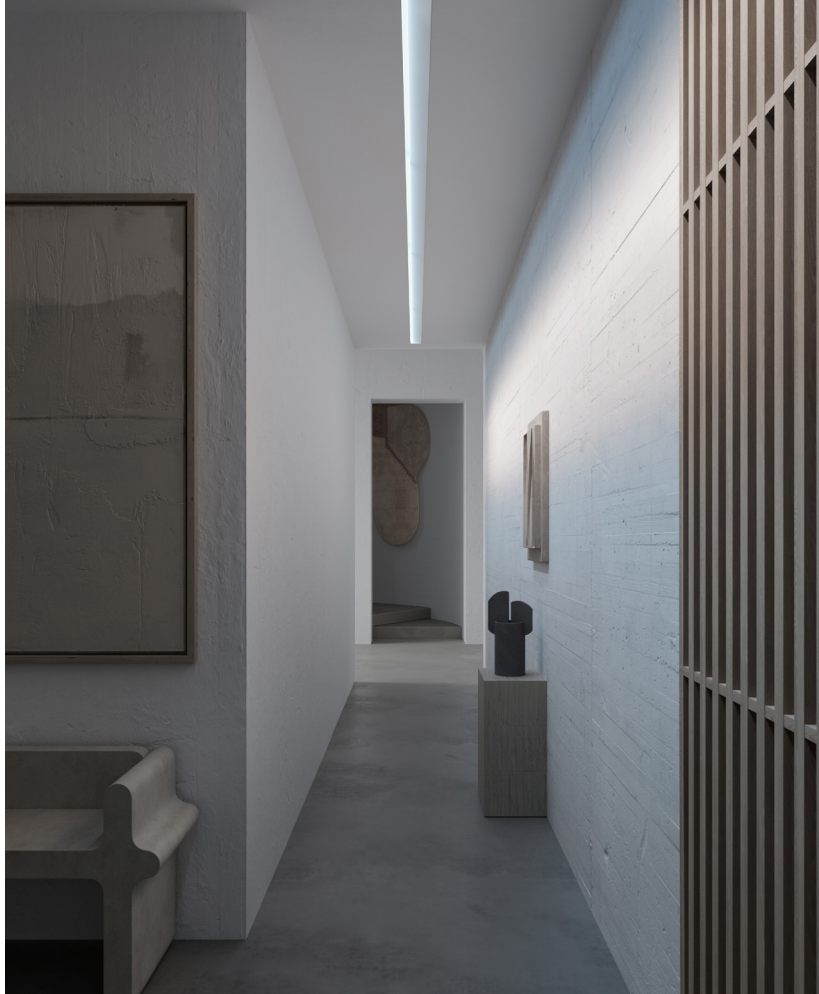
Postcards from the sky

CoeLux High Tech 25 Mini is a compact unit that brings the sun and sky into settings where no natural light is available and is the perfect solution for small- to medium-sized domestic and business environments. A concentrated area of infinite blue emits a pleasing diffuse natural light in a vertical beam which can be used to focus attention on an object or a specific area.

NOVELTIES 2022

ALSO AVAILABLE
IN THE SMART SKY
VERSION

CoeLux Sky Line with
different light intensities and
chromaticisms

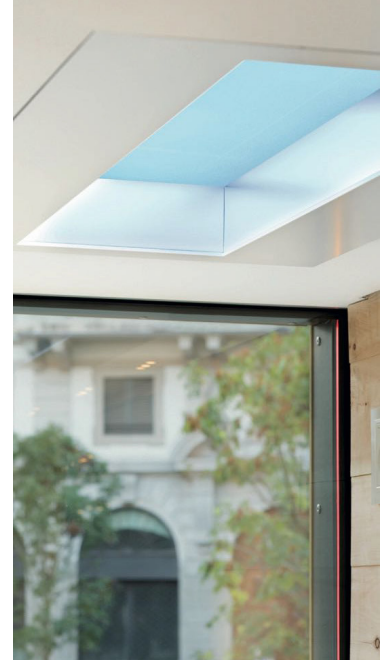


-  Classic
-  Smart Sky
-  45°
-  <5%-100%

CoeLux Sky Line

A visible reminder of the invisible sky

CoeLux Sky Line diffuses the original CoeLux natural lighting into the room through a minimalist, linear wall washer product. On the wall, an intense yellow directional light spot will evoke the sun, in harmonious contrast with the diffused blue light that characterises the CoeLux sky.



Classic



45°



0.1-100%

CoeLux Long Sky Collection

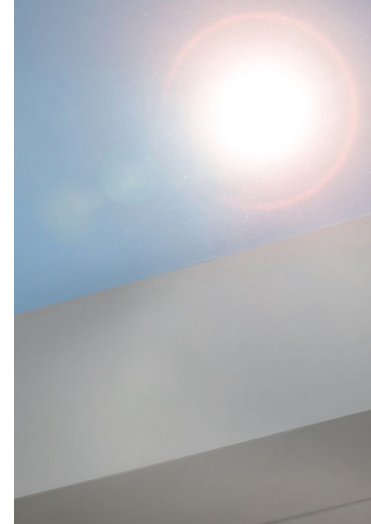
CoeLux Long Sky Matte, Ice and Array

An elongated window, available in three versions and versatile in its installation possibilities.

Framing the sky, an elegant matt finish frame outlines the CoeLux LS Matte system. Fitted with an aluminium-finished frame reflecting the blue light of the sky and an intense light emitted by the CoeLux sun, CoeLux LS Ice gives the viewer the perception of a larger portion of the sky, making the surrounding environment extremely bright.



CoeLux LS Array allows you to create long corridors of sky. Each module is interrupted by a small geometric element that divides the window into two equal parts. The light projection on the wall, interspersed with small areas of shadow, gives the composition an extremely realistic effect.



CoeLux High End Collection

CoeLux 45 HC, 45 LC and 45 Square

What would the day be without night? Large windows enclose a blue sky of infinite depth and a clear sun, which can create soft spots of warm light. The Sun and Moon versions are available for the CoeLux 45 HC and 45 LC systems for a spectacular nocturnal scenario.

CoeLux 45 Square / The sensation of depth perceived by the viewer is amplified by the geometry of the system: the sharp, bright sun is reflected in the mirror placed on the ceiling.



Classic



45°



0.1-100%





CoeLux Sun & Moon

A spectacular night-time scenario that reconnects us with the first celestial object we can see clearly with the naked eye: the moon.

Products Overview

Products:	pg
CoeLux HT25	21
CoeLux HT25 Mini	23
CoeLux Sky Line	25
CoeLux LS Ice	27
CoeLux LS Matte	29
CoeLux LS Array	31
CoeLux 45HC	33
CoeLux 45LC	35
CoeLux 45 Square	37

CoeLux HT25

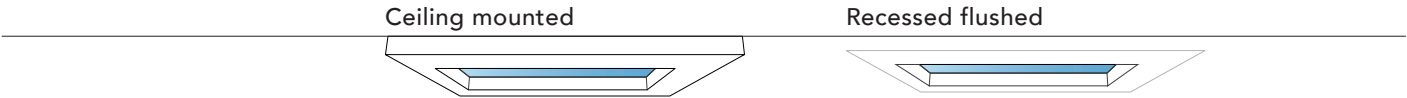
TECHNICAL INFORMATION:

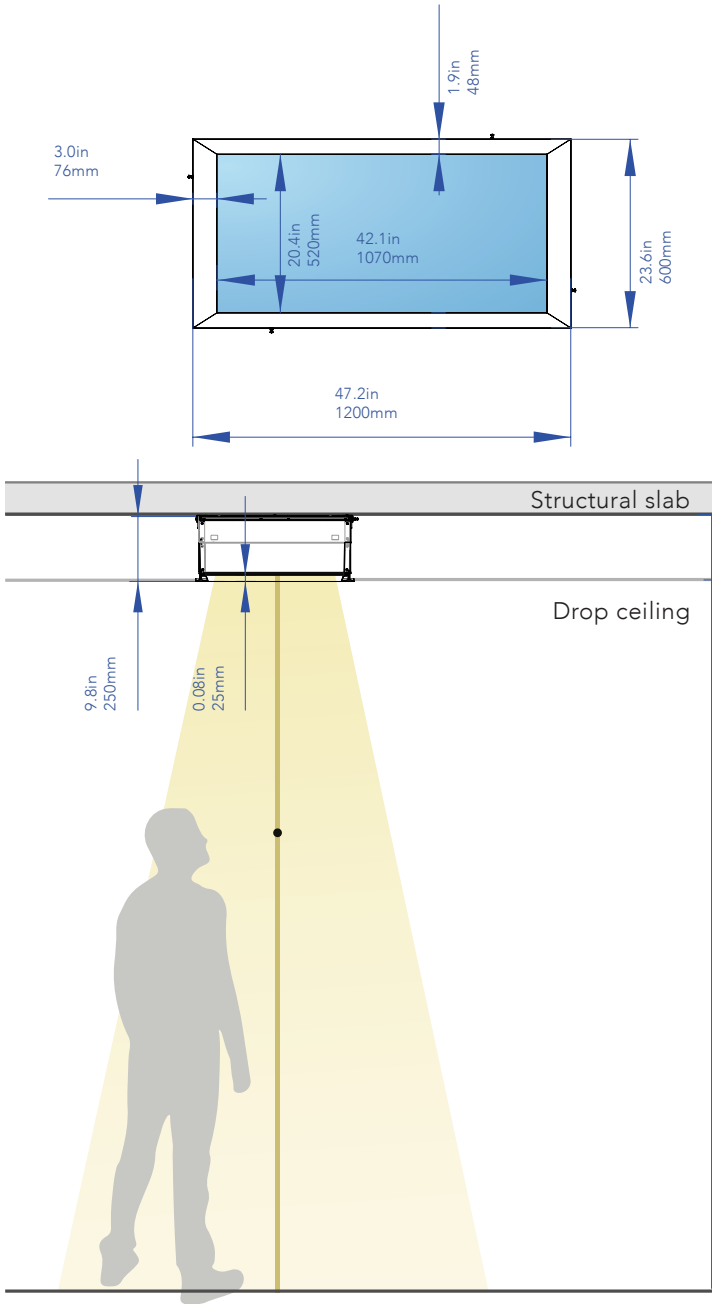
DEVICE DIMENSIONS	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8"
SKYLIGHT SIZE	520 x 1070 mm 20.4 x 42.1"
WEIGHT	50 kg 110 lb
NECESSARY SPACE FOR INSTALLATION	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8"

VERSIONS AVAILABLE

	Classic  zenith  0.4-100%  Classic	Smart Sky  zenith  0.4-100%  Smart Sky
POWER INPUT	2 channels at 24 Vdc	2 channels at 24 Vdc
POWER CONSUMPTION	170 W (Max) - 170 W (Typical)	210 W (Max) - 210 W (Typical)
TOTAL LIGHT OUTPUT	5900 lm	5300 lm (noon) - 4500 lm (sunset)
CCT	4800 K	5500 K (noon) - 3100 K (sunset)
CRI	>92	>92
DIMMING CONTROL	Dimmable by DALI or 0-10V	
FRAME OPTIONS	The frame can be ceiling mounted or recessed flushed mounted	
FINISHING	White Matte, RAL 9010	

MOUNTING OPTIONS:





Typical horizontal illuminance
* Distance from CoeLux system (Sky)

CLASSIC	NOON	SUNSET
- At 1 m (3.28")* 7100 Lux - At 2 m (6.56")* 4900 Lux - At 3 m (9.84")* 3200 Lux	- At 1 m (3.28")* 6400 Lux - At 2 m (6.56")* 4400 Lux - At 3 m (9.84")* 2900 Lux	- At 1 m (3.28")* 5300 Lux - At 2 m (6.56")* 3600 Lux - At 3 m (9.84")* 2400 Lux

CoeLux HT25 Mini

TECHNICAL INFORMATION:

DEVICE DIMENSIONS	630 x 371 x h250 mm 24.8 x 14.6 x h9.8"
SKYLIGHT SIZE	492 x 233 mm 19.3 x 9.1"
WEIGHT	17.5 kg 38.5 lb
NECESSARY SPACE FOR INSTALLATION*	630 x 371 x h250mm 24.8 x 14.6 x h9.8"

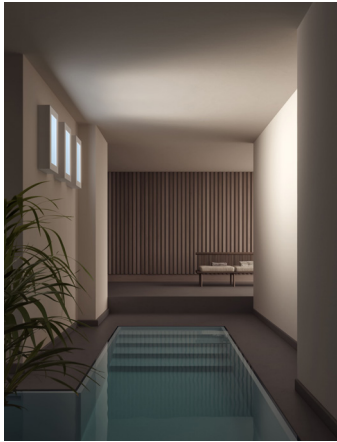
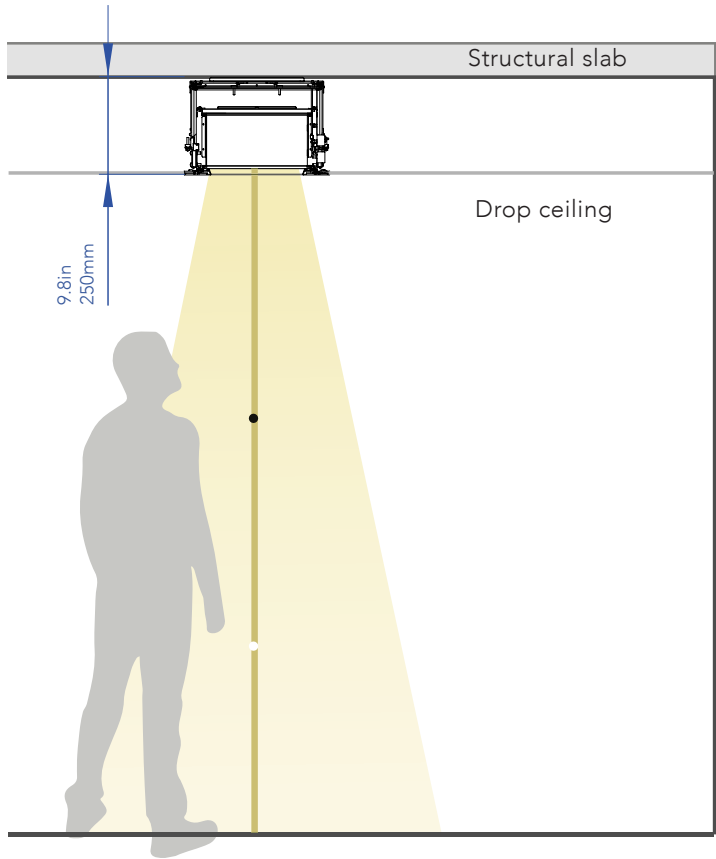
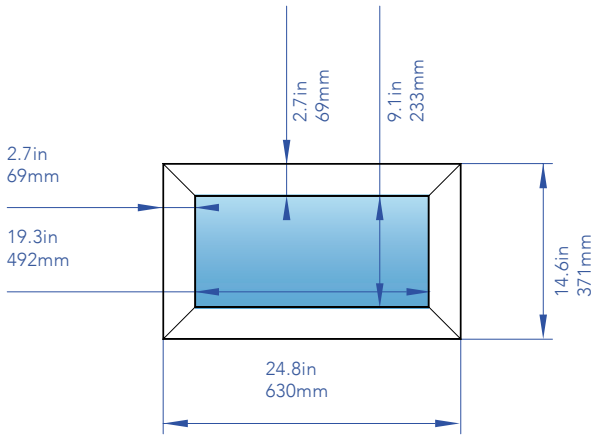
*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

	<u>Classic</u>	<u>Smart Sky</u>
	 zenith  0.4-100%  Classic  IP65	 zenith  0.4-100%  Smart Sky  IP65
POWER INPUT	1 channel at 24 Vdc	1 channel at 24 Vdc
POWER CONSUMPTION	45 W (Max) - 42.5 W (Typical)	50 W (Max) - 46 W (Typical)
TOTAL LIGHT OUTPUT	1600 lm	1400 lm (noon) - 1200 lm (sunset)
CCT	4800 K	5500 K (noon) - 3100 K (sunset)
CRI	>92	>92
DIMMING CONTROL	Dimmable by DALI or 0-10V	
FRAME AND MOUNTING OPTIONS	The system can be surface mounted, semi-recessed, recessed (trim or trimless)	
FINISHING	White Matte, RAL 9010	

MOUNTING OPTIONS:

Recessed trimless	Recessed trim	Semi recessed	Surface mounted
			



Typical horizontal illuminance
* Distance from CoeLux system (Sky)

CLASSIC

- At 1 m (3.28")*
3600 Lux
- At 2 m (6.56")*
2000 Lux
- At 3 m (9.84")*
800 Lux

SMART SKY
NOON

- At 1 m (3.28")*
3200 Lux
- At 2 m (6.56")*
1800 Lux
- At 3 m (9.84")*
700 Lux

SMART SKY
SUNSET

- At 1 m (3.28")*
2700 Lux
- At 2 m (6.56")*
1500 Lux
- At 3 m (9.84")*
600 Lux

CoeLux Sky Line

TECHNICAL INFORMATION:

DEVICE DIMENSIONS	1200 x 145 x h82 mm 47.2 x 5.7 x h3.3"
SKYLIGHT SIZE	1170 x 30 mm 46.0 x 1.2"
WEIGHT	6 kg 13.2 lb
NECESSARY SPACE FOR INSTALLATION	1256 x 215 x h120 mm 49.4 x 8.5 x h4.7"

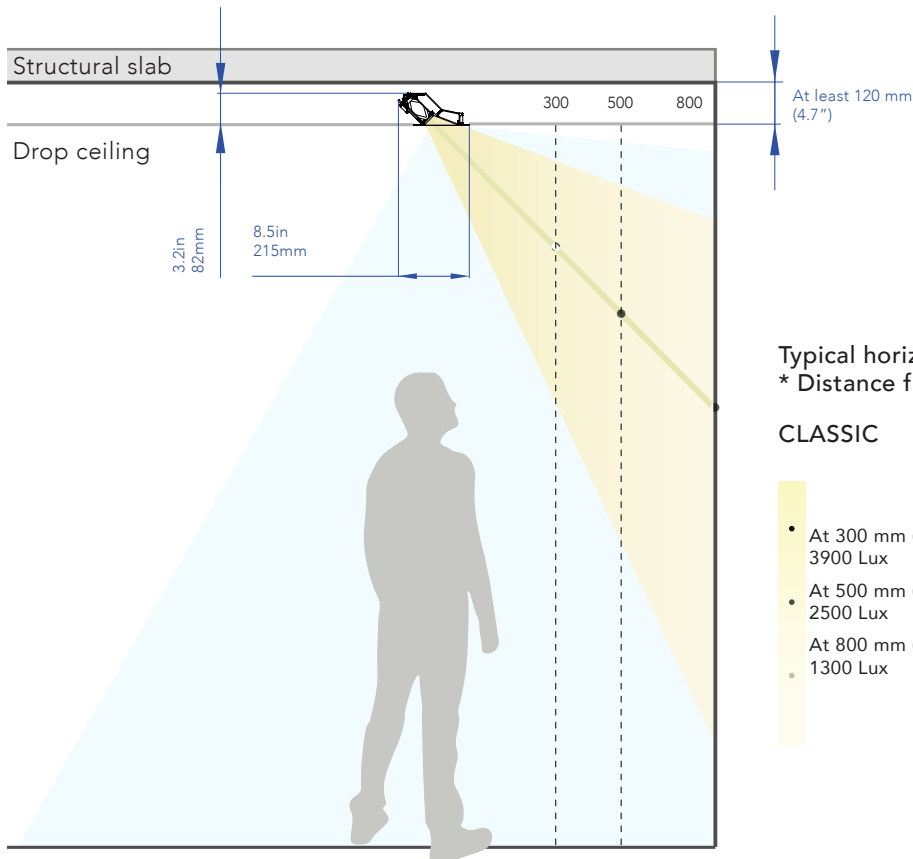
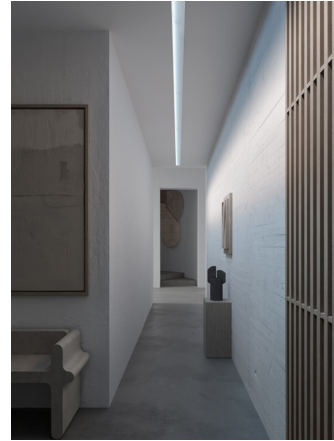
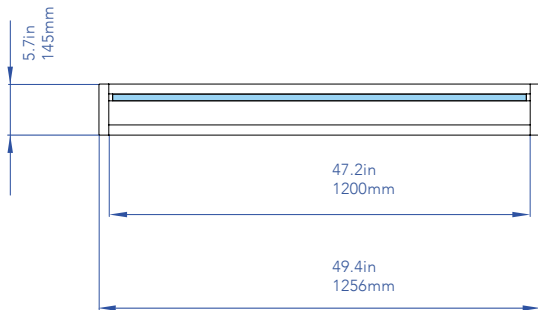
*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

	Classic  45°  <5%-100%  Classic	Smart Sky  45°  <5%-100%  Smart Sky
POWER INPUT	1 channel at 57 V 1050 mA cc	1 channels at 24 Vdc
POWER CONSUMPTION	60 W (Max) - 60 W (Typical)	65 W (Max) - 65 W (Typical)
TOTAL LIGHT OUTPUT	2010 lm	1810 lm (noon) - 1430 lm (sunset)
CCT	5100 K	5700 K (noon) - 3900 K (sunset)
CRI	92	92
DIMMING CONTROL	Dimmable by DALI or 0-10V	
FRAME OPTIONS	The system can be recessed (trim or trimless)	
FINISHING	White Matte, RAL 9010	

MOUNTING OPTIONS:

Recessed trim	Recessed trimless
	



Typical horizontal illuminance * Distance from Coelux panel

CLASSIC

- At 300 mm (1,2")*
3900 Lux
- At 500 mm (1,9")*
2500 Lux
- At 800 mm (3,1")*
1300 Lux

SMART SKY NOON

- At 300 mm (1,2")*
3500 Lux
- At 500 mm (1,9")*
2200 Lux
- At 800 mm (3,1")*
1200 Lux

SMART SKY SUNSET

- At 300 mm (1,2")*
2900 Lux
- At 500 mm (1,9")*
1900 Lux
- At 800 mm (3,1")*
1000 Lux

CoeLux LS Ice

TECHNICAL INFORMATION:

DEVICE DIMENSIONS	1200 x 600 x h430 mm 47.2 x 23.6 x h16.9"
SKYLIGHT SIZE	1086 x 295 mm 42.8 x 11.6"
WEIGHT	24 kg 55 lb
NECESSARY SPACE FOR INSTALLATION	1200 x 600 x h430 mm 47.2 x 23.6 x h16.9"

VERSIONS AVAILABLE

Remote drivers - on request

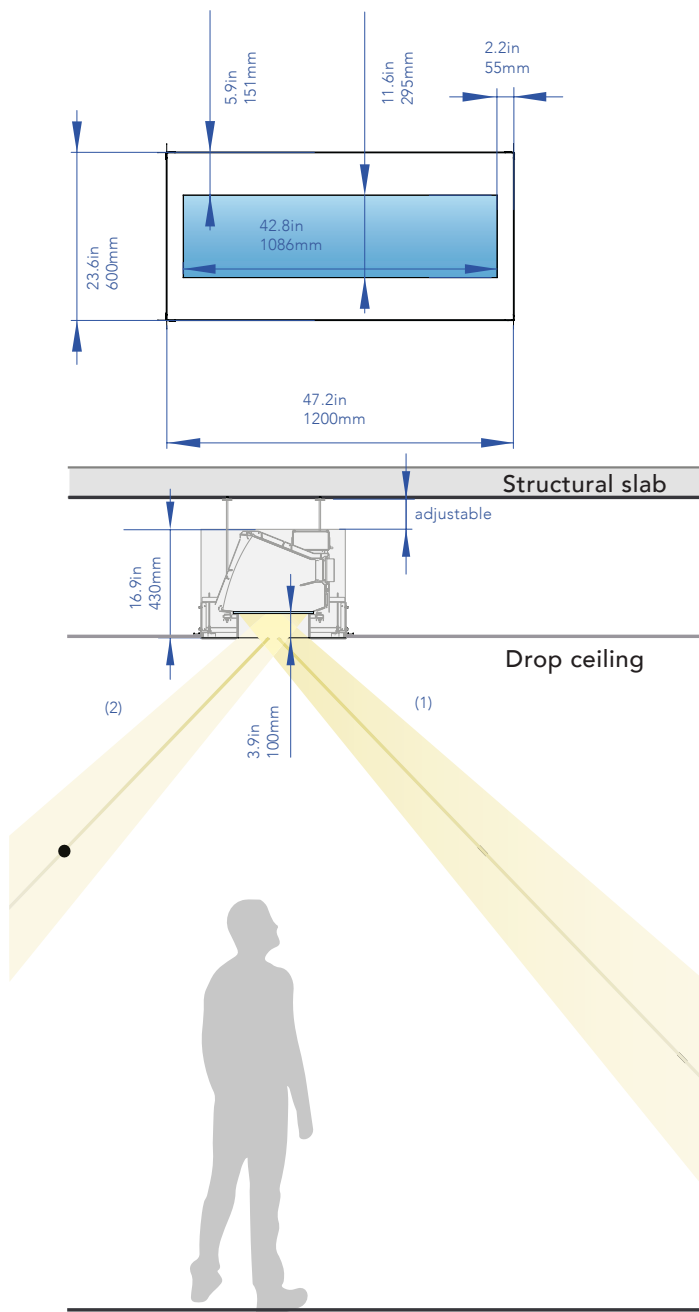


45°



0.1-100%

POWER INPUT	4 channels, 450 mA each channel, 42 Vdc
POWER CONSUMPTION	80 W (Max) - 80 W (Typical)
TOTAL LIGHT OUTPUT	4300 lm
CCT	4800 K
CRI	>92
DIMMING CONTROL	Dimmable by DALI or 0-10V
FINISHING	White, RAL 9010 (horizoutal surface) / Silver (vertical surface)



Typical illuminance Primary beam (1)

* Distance from the frame

- At 1 m (3.28")*
6500 Lux - Horizontal
6200 Lux - Vertical
- At 2 m (6.56")*
3800 Lux - Horizontal
3600 Lux - Vertical
- At 3 m (9.84")*
2500 Lux - Horizontal
2400 Lux - Vertical

Typical illuminance Secondary beam (2)

* Distance from the frame

- At 1 m (3.28")*w
2000 Lux - Horizontal
2000 Lux - Vertical
- At 2 m (6.56")*
1000 Lux - Horizontal
950 Lux - Vertical
- At 3 m (9.84")*
550 Lux - Horizontal
500 Lux - Vertical

CoeLux LS Matte

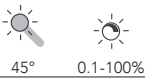
TECHNICAL INFORMATION:

DEVICE DIMENSIONS	1200 x 600 x h460 mm 47.2 x 23.6 x h18.1"
SKYLIGHT SIZE	1086 x 295 mm 42.8 x 11.6"
WEIGHT	24 kg 55 lb
NECESSARY SPACE FOR INSTALLATION	1200 x 600 x h460 mm 47.2 x 23.6 x h18.1"

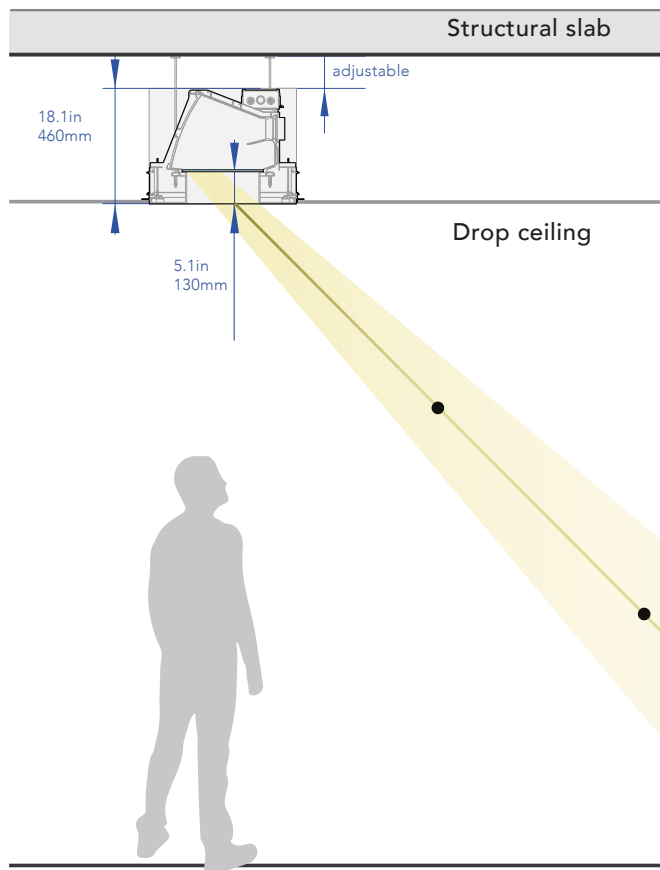
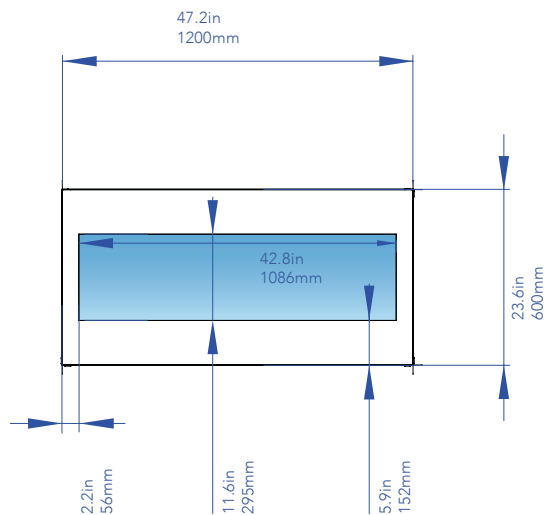
*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

Remote drivers - on request



POWER INPUT	4 channels, 450 mA each channel, 42 Vdc
POWER CONSUMPTION	80 W (Max) - 80 W (Typical)
TOTAL LIGHT OUTPUT	3300 lm
CCT	4800 K
CRI	>92
DIMMING CONTROL	Dimmable by DALI or 0-10V
FINISHING	White, RAL 9010



Typical illuminance
* Distance from the frame

- At 1 m (3.28")*
5200 Lux - Horizontal
5100 Lux - Vertical
- At 2 m (6.56")*
3200 Lux - Horizontal
3000 Lux - Vertical
- At 3 m (9.84")*
2100 Lux - Horizontal
2000 Lux - Vertical

CoeLux LS Array

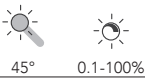
TECHNICAL INFORMATION:

DEVICE DIMENSIONS*	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1"
SKYLIGHT SIZE	(498 + 498) x 295 mm (19.6 + 19.6) x 11.6"
WEIGHT	24 kg 55 lb
NECESSARY SPACE FOR INSTALLATION*	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1"

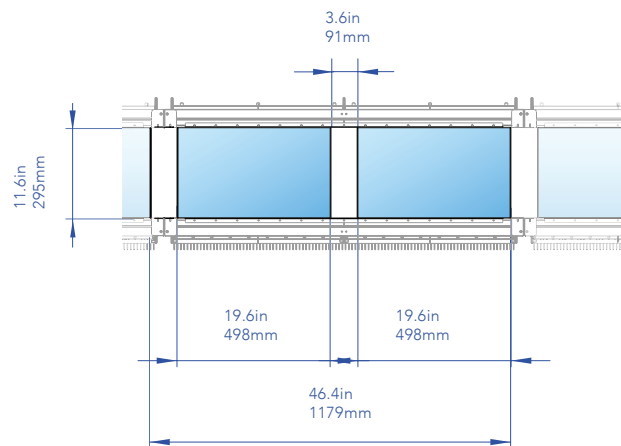
*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

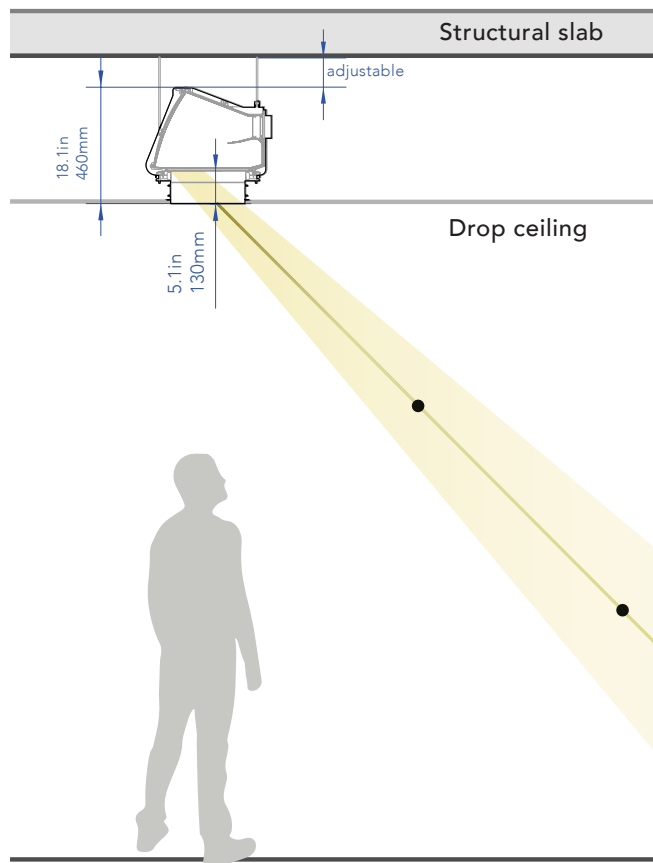
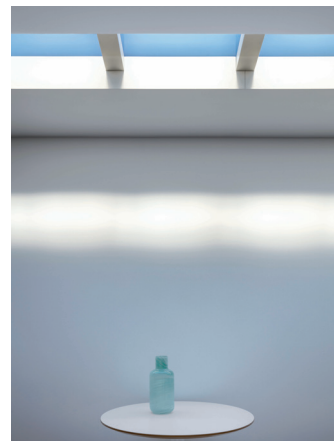
Remote drivers - on request



POWER INPUT	4 channels, 450 mA each channel, 42 Vdc
POWER CONSUMPTION	80 W (Max) - 80 W (Typical)
TOTAL LIGHT OUTPUT	3000 lm
CCT	4800 K
CRI	>92
DIMMING CONTROL	Dimmable by DALI or 0-10V
FINISHING	White, RAL 9010



*Inspection hatch: required close to the projector.



Typical illuminance
* Distance from the frame

- At 1 m (3.28")*
5200 Lux - Horizontal
5100 Lux - Vertical
- At 2 m (6.56")*
3200 Lux - Horizontal
3000 Lux - Vertical
- At 3 m (9.84")*
2100 Lux - Horizontal
2000 Lux - Vertical

CoeLux 45HC

TECHNICAL INFORMATION:

DEVICE DIMENSIONS*	3759 x 2274 x h1100 mm 148 x 89.5 x h43.3"
SKYLIGHT SIZE*	1710 x 850 mm 67.3 x 33.5"
WEIGHT	300 kg 660 lb
NECESSARY SPACE FOR INSTALLATION*	3759 x 2491 x h1210 mm 148 x 98.1 x h47.6"

*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

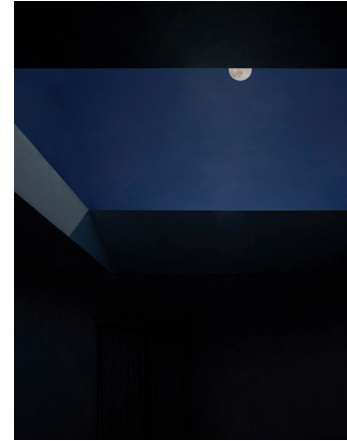
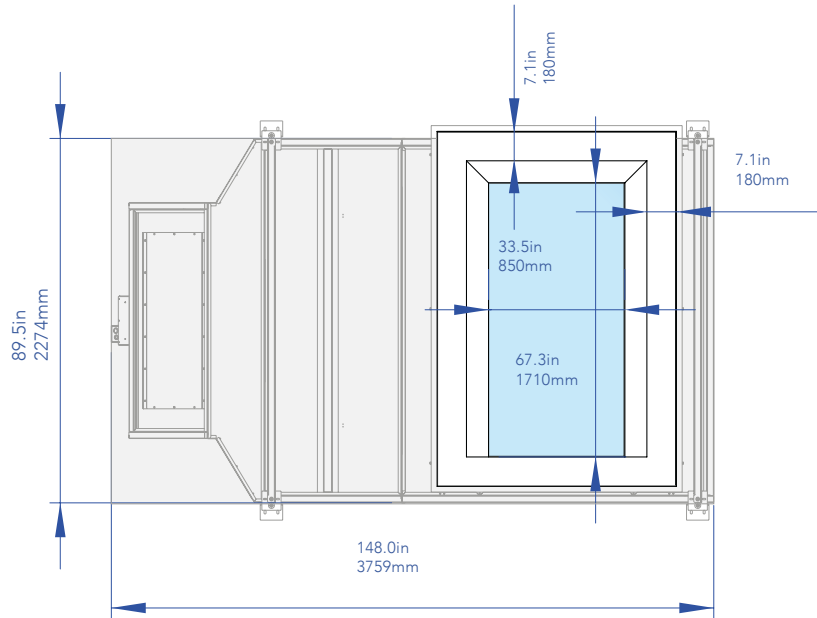
	Sun	Sun Plus	Sun Plus & Moon
	  45°	  55-100% 45°	   55-100% 45°
POWER INPUT	100-240 V~ 50/60 Hz	100-240 V~ 50/60 Hz	100-240 V~ 50/60 Hz
POWER CONSUMPTION	300 W (Max) - 270 W (Typical)	300 W (Max) - 270 W (Typical)	300 W (Max) - 270 W (Typical)
TOTAL LIGHT OUTPUT	4100 lm	4700 lm	4700 lm - ~10 lm in a Moon state
CCT	3900 K	4100 K	4100 K (sun)
CRI	>92	>92	>92
DIMMING CONTROL	Non-Dimmable	Dimmable by DALI with supplied keypad	Dimmable by DALI (sun) Recalled by DALI (moon)
FRAME OPTIONS	The frame can be ceiling mounted or recessed flushed mounted		
FINISHING	White Primer to be painted		

FRAME TYPES:

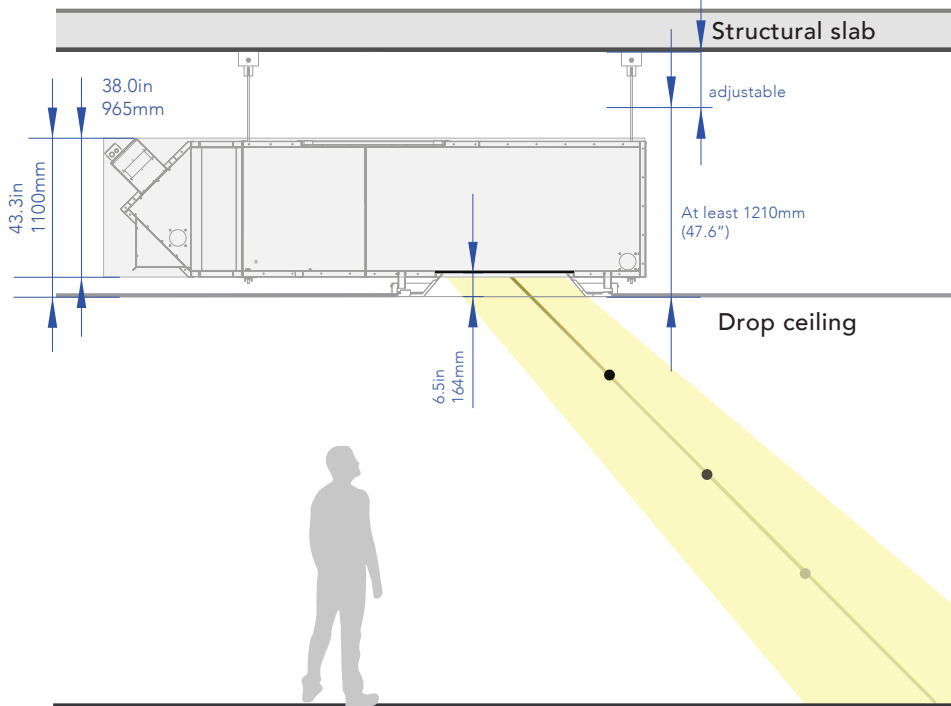
Ceiling mounted

Recessed flushed





*Inspection hatch: required close to the projector.



Typical horizontal illuminance
* Distance from CoeLux system (Sky)

Sun

- At 1 m (3.28")*
2000 Lux
- At 2 m (6.56")*
1300 Lux
- At 3 m (9.84")*
900 Lux

Sun Plus

- At 1 m (3.28'')*
2300 Lux
- At 2 m (6.56'')*
1500 Lux
- At 3 m (9.84'')*
1000 Lux

CoeLux 45LC

TECHNICAL INFORMATION:

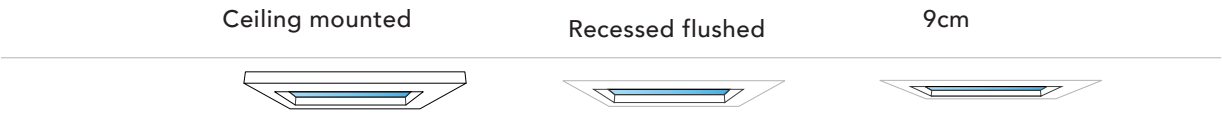
DEVICE DIMENSIONS*	2376 x 1675 x h821 mm 93.6 x 65.9 x h32.3"
SKYLIGHT SIZE*	960 x 460 mm 37.8 x 18.1"
WEIGHT	300 kg 660 lb
NECESSARY SPACE FOR INSTALLATION*	2376 x 1913 x h923 mm 93.6 x 75.3 x h36.3"

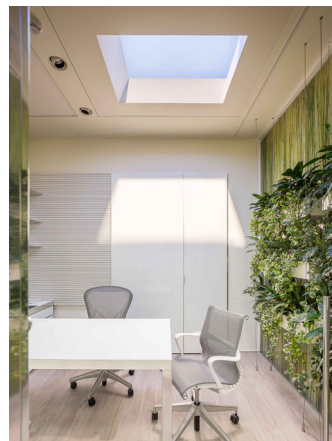
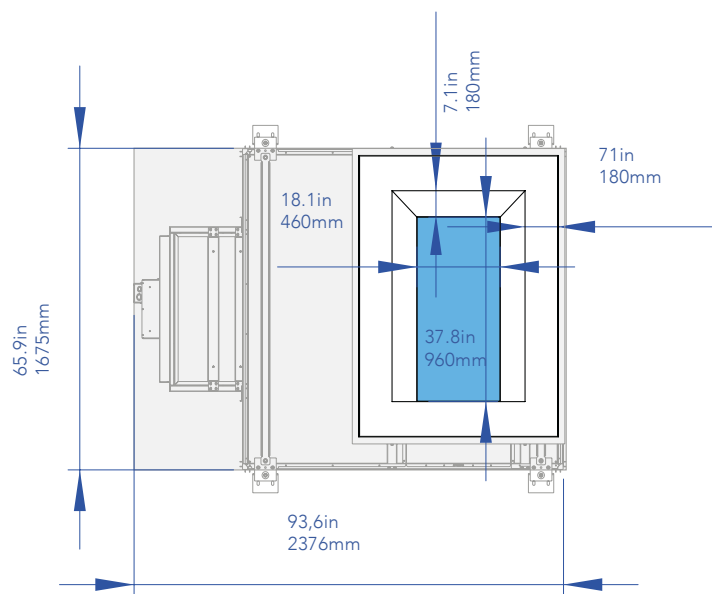
*dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

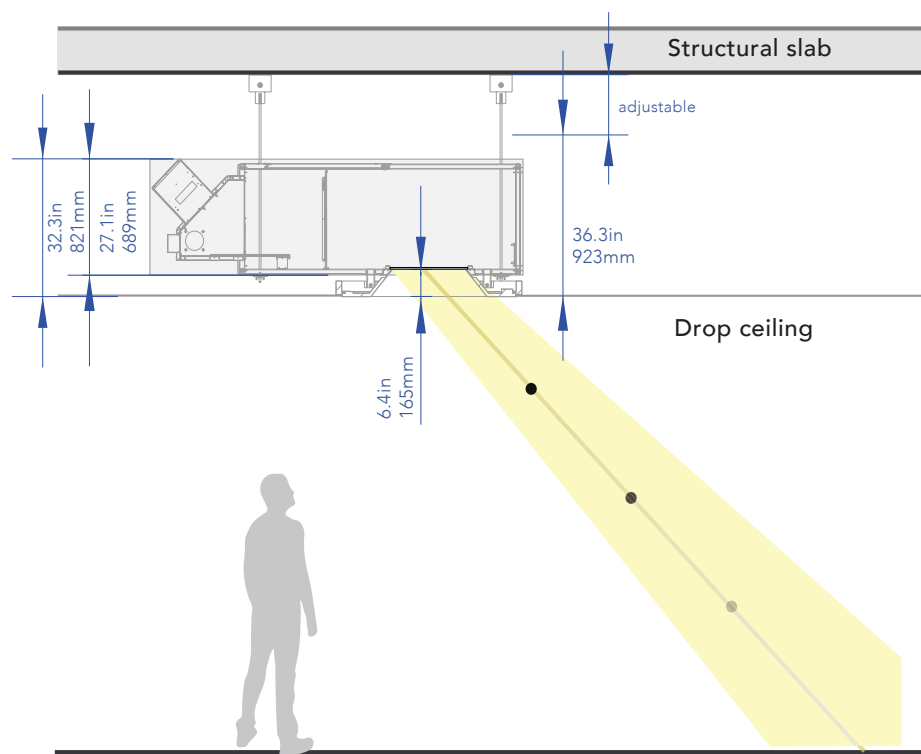
	Sun	Sun Plus	Sun Plus & Moon
	 45°	 55-100% 45°	 55-100% 45°
POWER INPUT	100-240 V~ 50/60 Hz	100-240 V~ 50/60 Hz	100-240 V~ 50/60 Hz
POWER CONSUMPTION	300 W (Max) - 270 W (Typical)	300 W (Max) - 270 W (Typical)	300 W (Max) - 270 W (Typical)
TOTAL LIGHT OUTPUT	4200 lm	4800 lm	4800 lm - ~10 lm in a Moon state
CCT	3900 K	4100 K	4100 K
CRI	>92	>92	>92
DIMMING CONTROL	Non-Dimmable	Dimmable by DALI with supplied keypad	Dimmable by DALI (sun) Recalled by DALI (moon)
FRAME OPTIONS	The frame can be ceiling mounted, recessed flushed mounted or 9cm trim option		
FINISHING	White Primer to be painted		

FRAME TYPES:





*Inspection hatch: required close to the projector.



Typical horizontal illuminance
* Distance from CoeLux system (Sky)

Sun

Sun Plus

- At 1 m (3.28")* 4600 Lux
- At 2 m (6.56")* 2600 Lux
- At 3 m (9.84")* 1600 Lux

- At 1 m (3.28")* 5000 Lux
- At 2 m (6.56")* 2900 Lux
- At 3 m (9.84")* 1800 Lux

CoeLux 45 Square

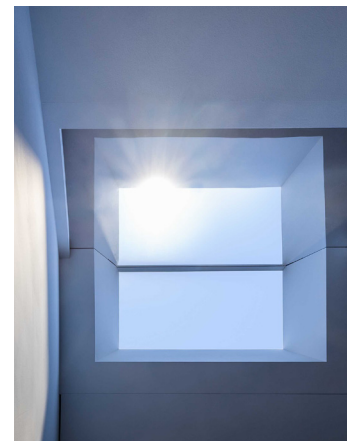
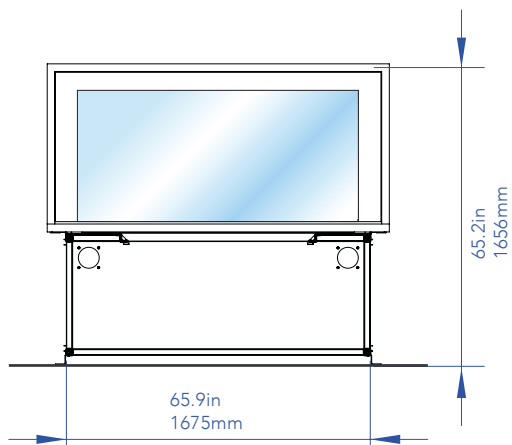
TECHNICAL INFORMATION:

DEVICE DIMENSIONS*	2376 x 1675 x h1656 mm 93.6 x 65.9 x h65.2"
SKYLIGHT SIZE	974 x 445 mm 38.3 x 17.5"
WEIGHT*	300 kg 660 lb
NECESSARY SPACE FOR INSTALLATION*	1885 x 1656 x h2376 mm 74.2 x 65.2 x h93.6"

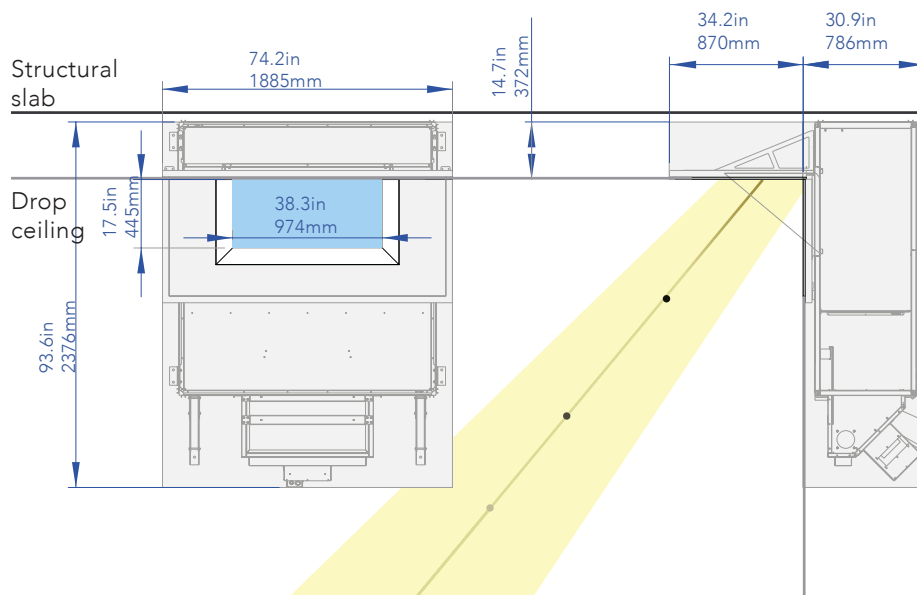
* dimensions may differ slightly depending on the versions

VERSIONS AVAILABLE

	Sun   45°	Sun Plus   55-100% 45°
POWER INPUT	100-240 V~ 50/60 Hz	100-240 V~ 50/60 Hz
POWER CONSUMPTION	300 W (Max) - 270 W (Typical)	300 W (Max) - 270 W (Typical)
TOTAL LIGHT OUTPUT	4000 lm	4500 lm
CCT	3900 K	4100 K
CRI	>92	>92
DIMMING CONTROL	Non-Dimmable	Dimmable by DALI
FINISHING	White Primer to be painted	



*Inspection hatch: required close to the projector.



Typical horizontal illuminance
* Distance from CoeLux system (Sky)

Sun

Sun Plus

- At 1 m (3.28")* 4000 Lux
- At 2 m (6.56")* 2200 Lux
- At 3 m (9.84")* 1400 Lux

- At 1 m (3.28")* 4300 Lux
- At 2 m (6.56")* 2400 Lux
- At 3 m (9.84")* 1600 Lux

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