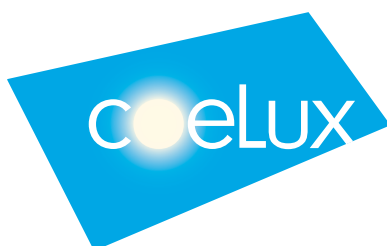




CoeLux® LS



Experience the Sky

## About us

CoeLux® Srl is a high-tech Company established in 2009, headquartered in ComoNEXt Technology Park nearby the renowned Como Lake.

Our mission is to foster an innovative solution for lighting, architecture and real-estate industries aiming at creating the perception of an extraordinarily wide space, by means of a genuine physical reproduction of optical atmospheric phenomena indoors.

Our unique CoeLux® lighting systems reproduce the true effect of natural sunlight entering through the opening in the integrated ceiling, with a realistic sun perceived at infinite distance surrounded by a clear deep blue sky.



Objects **shine** in the exceptional light casting sharp **sky-blue shadows**, "CoeLux® lighting systems – says Prof. Paolo Di Trapani, the company founder and CEO – reproduce a virtual **experience of the sun and sky**; especially in a below-ground environment, the effect is so powerful that it may radically change our perception of reality. It allows us to rediscover natural light in the real world in a totally new and surprising way".

The result is achieved thanks to the comprehensive work carried on by an interdisciplinary team of researchers in the field of optical physics, numerical modelling, chemistry, material science, architecture and design.

## CoeLux® LS ICE and MATTE

2

CoeLux® LS (Long Sky), is the new system able to reproduce the sun, the bright infinite blue sky and the perception of spectacular white bright clouds up in the sky. These light clouds do not prevent the sun to break into the scene; in order to perceive them, you need to look towards the sun: they slightly move to give way to the bright blue sky.

The system is available in two different versions, **CoeLux® LS ICE** and **CoeLux® Matte**, featuring their own finish and frame size.



## Coelux® LS ICE

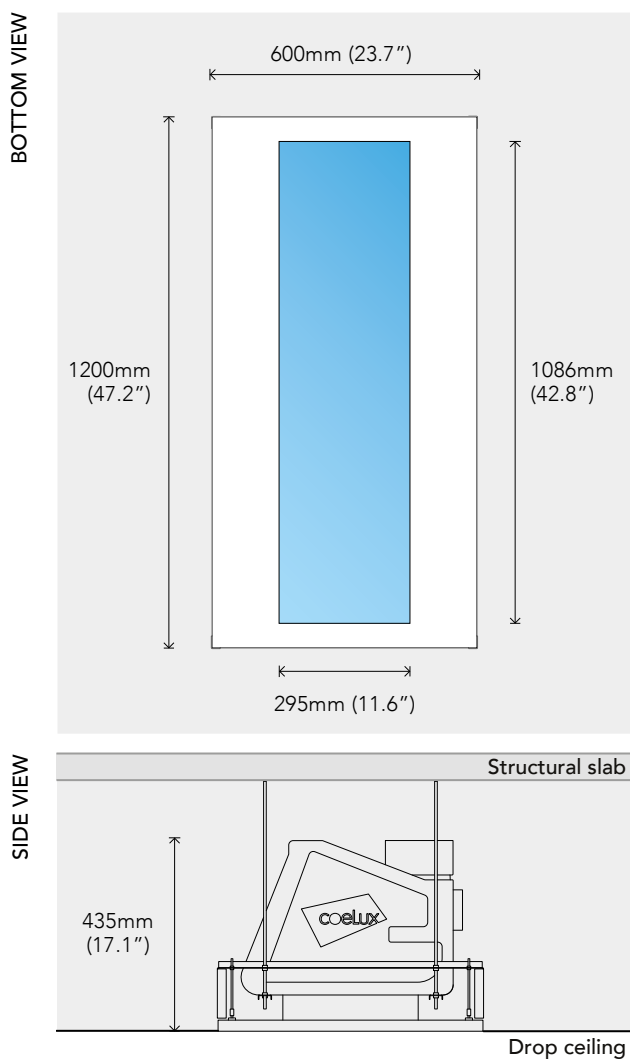
### Datasheet

Coelux® LS ICE can be installed as a single unit, as a modular system, or aligned in order to design hallways of light able to deliver depth or visual patterns.

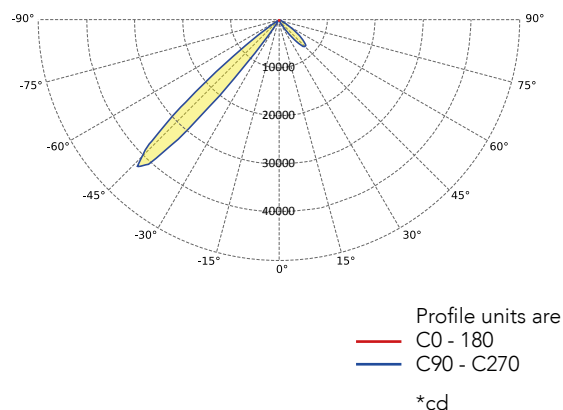
The sunlight reflects on the frame creating a 45-degree sliver of light as well as a sliver of light in the opposite direction. This feature makes it ideal for spaces which require lively light: the sun reflected on the frame is visible from various angles. Coelux® LS ICE suits offices and shops, where the double sliver of light can be fully exploited, as it can dramatically light up shop windows and the shop itself simultaneously. Coelux® LS ICE is DALI compatible allowing easy integration into a control system. Warranty period: 2 years.



#### Technical drawings:



#### Photometric curves:



Technical informations:

DEVICE DIMENSIONS	1200 x 600 x h435 mm	47.2 x 23.6 x h17.1"
SKY-LIGHT SIZE	1086 x 295 mm	42.7 x 11.6"
WEIGHT	30 kg	66 lb

Performance informations:

TYPE OF SOURCE	LED dimmable
POWER INPUT	100-240 V~ 50/60 Hz
MAX POWER CONSUMPTION	100 W
TYPICAL POWER CONSUMPTION	90 W
TOTAL LIGHT OUTPUT	4300 lm
LUMEN MAINTENANCE	LM70 >50000 h

CERTIFIED



> CoeLux® LS ICE



## CoeLux® LS MATTE

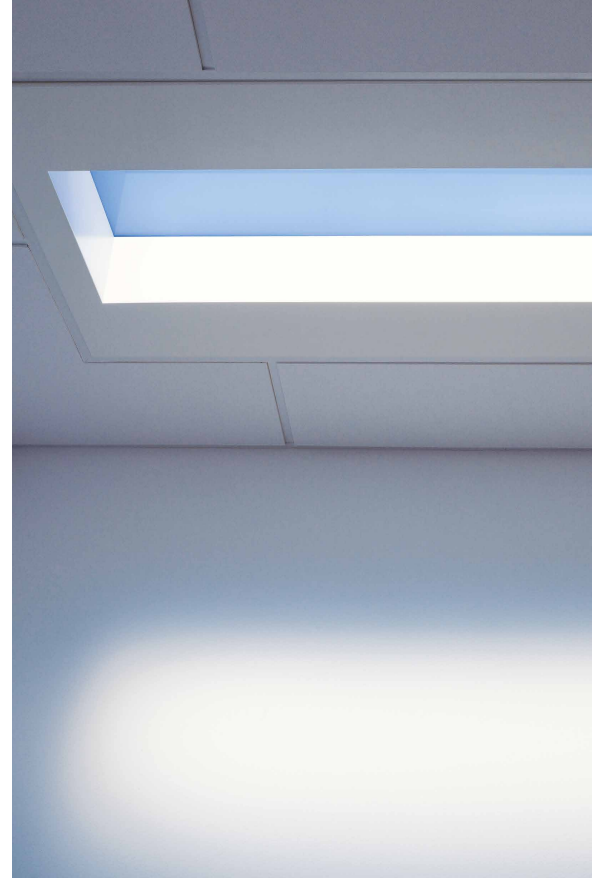
### Datasheet

CoeLux® LS MATTE can be installed as a single unit, as a modular system, or aligned in order to design hallways of light able to deliver depth or visual patterns.

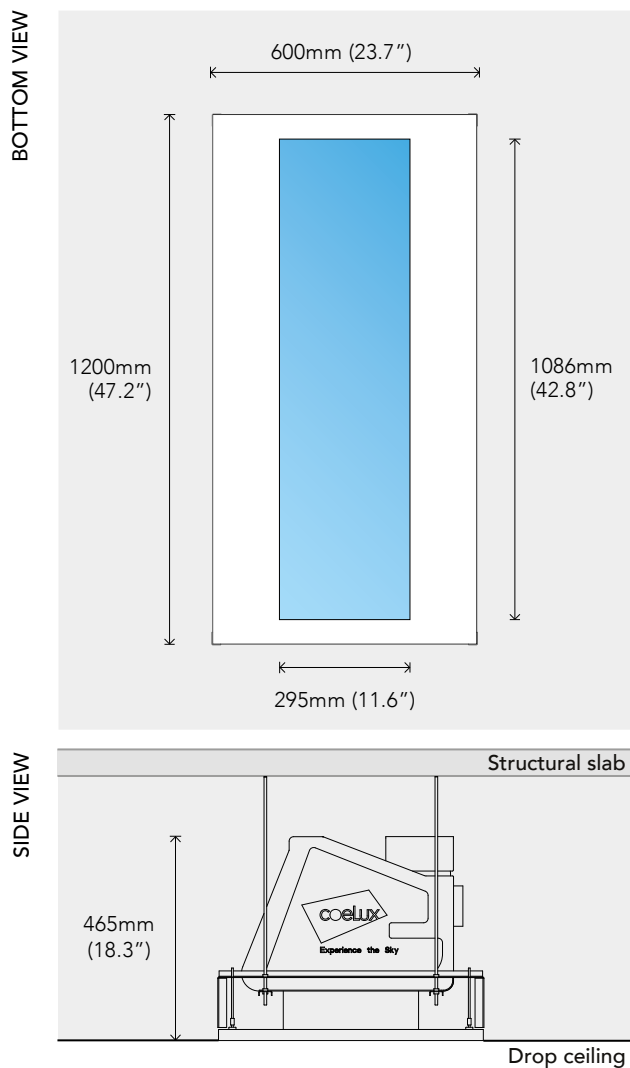
The sun reflected on the matte white frame creates a 45-degree sliver of light which delivers extreme visual comfort to the viewer in the room, allowing them to fully experience it. CoeLux® LS MATTE is ideal for restaurants, shops and public spaces.

CoeLux® LS is DALI compatible allowing easy integration into a control system.

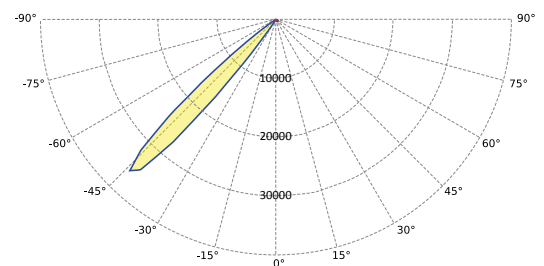
Warranty period: 2 years.



#### Technical drawings:



#### Photometric curves:



Profile units are  
 — C0 - 180  
 — C90 - C270  
 \*cd



Technical informations:

DEVICE DIMENSIONS	1200 x 600 x h465 mm	47.2 x 23.6 x h18.3"
SKY-LIGHT SIZE	1086 x 295 mm	42.7 x 11.6"
WEIGHT	30 kg	66 lb

Performance informations:

TYPE OF SOURCE	LED dimmable
POWER INPUT	100-240 V~ 50/60 Hz
MAX POWER CONSUMPTION	100 W
TYPICAL POWER CONSUMPTION	90 W
TOTAL LIGHT OUTPUT	3300 lm
LUMEN MAINTENANCE	LM70 >50000 h

CERTIFIED



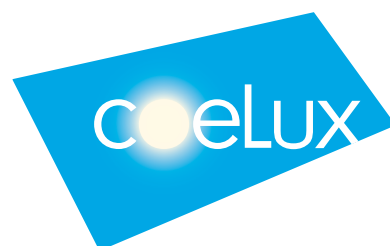
> CoeLux® LS MATTE





This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 666794.

CoeLux Srl  
via Cavour 2  
Science and Technology park ComoNExT  
22074, Lomazzo, Italy  
info@coelux.com - +39 0236714394  
coelux.com



Experience the Sky