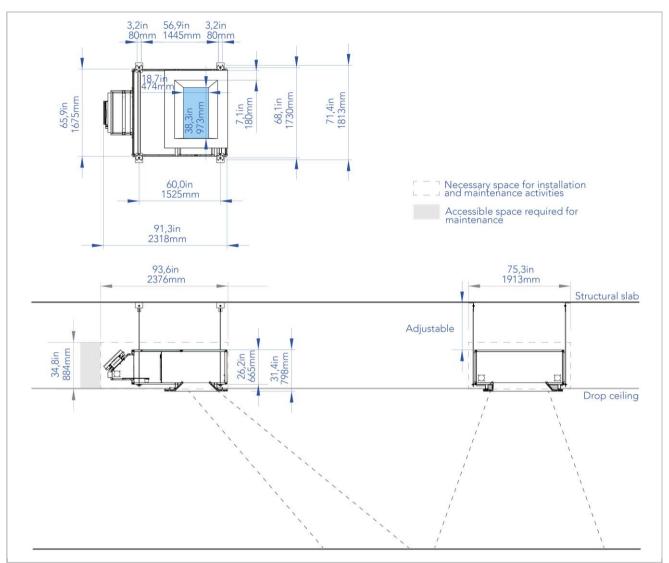


## CoeLux 45 LC

Order Code:

45LC\_PU\_S\_CE



## **MECHANICAL FEATURES**

Power supply:

Included

Device dimensions:	2318 x 1675 x h798 mm 91.3 x 65.9 x h31.4 in	Sky-light size:	973 x 474 mm 38.3 x 18.7 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	2376 x 1913 x h884 mm 93.6 x 75.3 x h34.8 in	Weight:	300 Kg 660 lb
Fixing kit:	The fixing kit includes: - 4 plates for slab fixing, - 4 threaded rods (1.5 m; M12 metric system)		
ELECTRICAL FEATURES		FRAME	
Type of source: Light output control:	LED Dimmable by DALI with supplied Keypad	Material: Visible dimensions:	Ceiling mounted PU, 1493x1186x165 mm / 58.8x46.7x6.5 in
Light output range:	55-100%	Weight:	10 kg / 22 lb
Power input:	100-240V, 50/60Hz		
Max power consumption:	300W		
Typical power consumption:	270W		

Finishing:

White primer, to be painted



DESCRIPTION

## CoeLux 45 LC

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45LC\_PU\_S\_CE

## CERTIFICATIONS

Certifications:	CE, CB, PSE
Certification code:	CoeLux 45LC_P

OPTICAL FEATURES			
Total Light Output:	4800 lm		
Lumen maintenance (L90B10):	> 50000h		
LED CRI (Ra) :	> 92 4100K		
CCT of transmitted beam:			
CCT of the Sky:	> 15000 K		
Photometric diagram (simulated	Not available, support upon customer		
.ies .ldt file, without frame):	request		
Beam angle:	45°		
Divergence (H/V)			
(without frames, refer to	30°/10°		
photometric curves)			
Sun appearance:	Visible sharp		
Sky appearance:	Clear		
Melanopic Ratio (Sky):	1,444		
Melanopic Ratio (Sun):	0,701		
OPERATING CONDITIONS			
Min/max operating temperature:	-10/40°C		
Max operating relative humidity (no condensing):	95%		

CoeLux® 45 LC is a recessed ceiling system that artificially reproduces natural light from the sky and the sun. It includes a LED light source, optical components and a Sky panel, all housed in a metal structure. Skylight dimensions: 973 x 474 mm (38.3 x 18.7 in). Appearance of the sun: visible, sharp. Beam direction: 45°. Appearance of the sky: clear. Frame: included (mandatory for optimal yield). It may also be mounted on normally inflammable surfaces. Inspection hatch: required close to the projector.

PHOTOMETRIC CURVES

More information upon request

\_ No. 3 Wooden boxes:

SHIPPING INFORMATION

IP grade:

1130x1970x1115 mm / 44.5x77.5x45.3 in - 360 kg / 793.7 lb and 1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb; 1650x1300x410 mm / 65.0x51.2x16.1 in - 55 kg / 121.3 lb Dimensions and weights may differ depending on packaging and shipping conditions.

IP20

CoeLux technical sheets and 3D files can be downloaded directly from our website www.coelux.com

The products here presented are covered by patents and patents applications. Details available at www.coelux.com/en/patents/index CoeLux reserves the right to carry out variations to technical details.