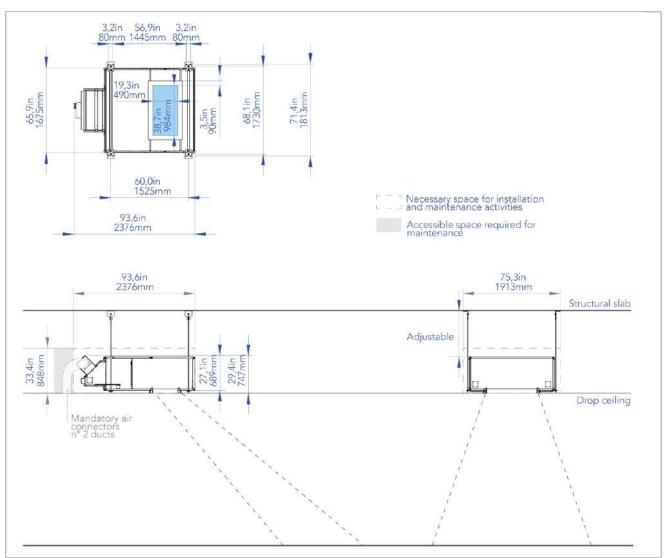


Order Code:

45LC\_9CM\_UL



## **MECHANICAL FEATURES**

2376 x 1675 x h747 mm 984 x 490 mm Sky-light size: Device dimensions: 93.6 x 65.9 x h29.4 in 38.7 x 19.3 in Necessary space for installation

300 Kg 2376 x 1913 x h848 mm (largest volume including device, Weight: 93.6 x 75.3 x h33.4 in 660 lb assembled frame, fixing kit):

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 Not dimmable	Material: Visible dimensions:	Recessed Flushed mounted Wood, 1164x670x90 mm /
Light output range:		Weight:	45.8x26.4x3.5 in 4 kg / 9 lb
Power input:	100-240V, 50/60Hz		
Max power consumption:	300W		
Typical power consumption:	270W		
Power supply:	Included	Finishing:	White primer, to be painted





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## **DESCRIPTION**

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: 984 x 490 mm (38.7 x 19.3 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.

CERTIFICATIONS				
Certifications:	UL, FCC			
Certification code:	CoeLux 45LC			

OPTICAL FEATURES	
Total Light Output*: Lumen maintenance (L90B10)*: LED CRI (Ra) : CCT of transmitted beam: CCT of the Sky:	4200 lm > 20000h > 92 3900K > 15000 K
Photometric diagram (simulated .ies .ldt file, without frame):	Not available, support upon customer request
Beam angle:	45°
Divergence (H/V) (without frames, refer to photometric curves)	30°/10°
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%
IP grade:	IP20

## PHOTOMETRIC CURVES

More information upon request

SHIPPING INFORMATION No. 3 Wooden boxes:

1130x1970x1115 mm / 44.5x77.5x45.3 in - 350 kg / 771.6 lb and

1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb;

1370x700x120 mm / 53.9x27.6x4.7 in - 15 kg / 33.0 lb

Dimensions and weights may differ depending on packaging and shipping conditions.

All values marked with an \* are rated values.

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.