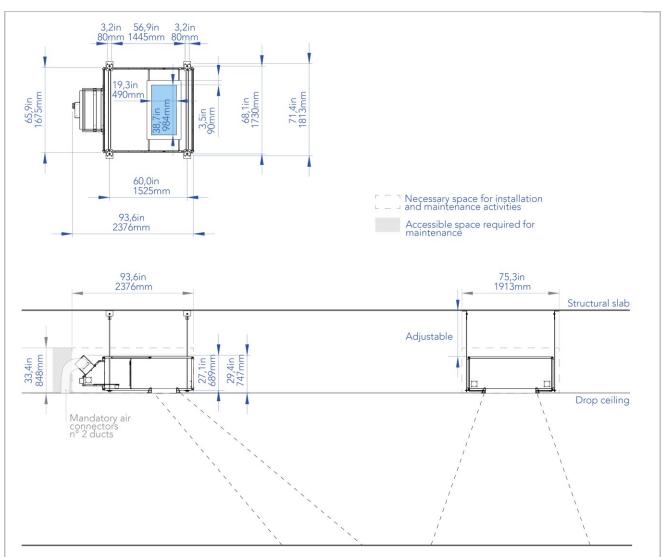


Order Code:

45LC_9CM_UL



MECHANICAL FEATURES

Necessary space for installation (largest volume including device, 2376 x 1913 x h848 mm Weight: 300 Kg

assembled frame, fixing kit):

93.6 x 75.3 x h33.4 in

VVeight:

VVeight:

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 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

984 x 490 mm

38.7 x 19.3 in





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45LC_9CM_UL

DESCRIPTION

OPTICAL FEATURES

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: 984×490 mm (38.7×19.3 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

Total Light Output*: 4200 lm Lumen maintenance (L90B10)*: > 20000h LED CRI (Ra): > 92 CCT of transmitted beam: 3900K CCT of the Sky: > 15000 K Photometric diagram (simulated lies .ldt file, without frame): request Beam angle: 45° Divergence (H/V) (without frames, refer to 30°/10°

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%
IP grade:	IP20

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.

PHOTOMETRIC CURVES

More information upon request

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.