



MECHANICAL FEATURES

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

Type of source:	LED
Light output control:	Dimmable by DALI with supplied Keypad
Light output range:	55-100%
Power input:	100-240V, 50/60Hz
Max power consumption:	300W
Typical power consumption:	270W
Power supply:	Included

FRAME

Material:	Ceiling mounted PU,
Visible dimensions:	1493x1186x165 mm / 58.8x46.7x6.5 in
Weight:	10 kg / 22 lb
Finishing:	White primer, to be painted

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: 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.

CERTIFICATIONS

Certifications:	UL, FCC
Certification code:	CoeLux 45LC_P

OPTICAL FEATURES

Total Light Output*:	4800 lm
Lumen maintenance (L90B10)*:	> 50000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	4100K
CCT of the Sky:	> 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

PHOTOMETRIC CURVES

More information upon request

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;
 1650x1300x410 mm / 65.0x51.2x16.1 in - 55 kg / 121.3 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.