



MECHANICAL FEATURES

Device dimensions:	2318 x 1675 x h797 mm 91.3 x 65.9 x h31.4 in	Sky-light size:	960 x 460 mm 37.8 x 18.1 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	2376 x 1913 x h923 mm 93.6 x 75.3 x h36.3 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	Sun	Moon	FRAME
Type of source:	LED	LED	Material:
Light output control with supplied keypad:	Dimmable by DALI	Recalled by DALI	Visible dimensions:
Light output range:	55-100%	--	Weight:
Power input:	100-240V, 50/60Hz	100-240V, 50/60Hz	
Max power consumption:	300W	< 15W	Finishing:
Typical power consumption:	270W	--	
Power supply:	Included	Included	

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: 960 x 460 mm (37.8 x 18.1 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_M

OPTICAL FEATURES

	Sun	Moon
Total Light Output*:	4800 lm	
Lumen maintenance (L90B10)*:	> 50000h	> 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°	45°
Divergence (H/V) (without frames, refer to photometric curves)	30°/10°	30°/10°
Sun and Moon appearance:	Visible sharp	Visible
Sky appearance:	Clear	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. 2 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;
 _ No. 1 Pallet:
 1650x1300x410 mm / 65.0x51.2x16.1 in - 55 kg / 121.3 lb;
 _ No. 1 Carton Box:
 1700x160x70 mm / 66.9x6.3x2.8 in - 20 kg / 44.0 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.