



MECHANICAL FEATURES

Device dimensions:	3759 x 2274 x h1100 mm 148.0 x 89.5 x h43.3 in	Sky-light size:	1722 x 868 mm 67.8 x 34.2 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	3759 x 2491 x h1170 mm 148.0 x 98.1 x h 46.1 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:	Not dimmable
Light output range:	--
Power input:	100-240V, 50/60Hz
Max power consumption:	300W
Typical power consumption:	270W
Power supply:	Included

FRAME

Material:	Ceiling mounted PU,
Visible dimensions:	2245x1582x165 mm / 88.4x62.3x6.5 in
Weight:	15 kg / 33 lb
Finishing:	White primer, to be painted

DESCRIPTION

CoeLux® 45 HC 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 1722 x 868 mm (67.8 x 34.2 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:	CE, CB
Certification code:	CoeLux 45HC

OPTICAL FEATURES

Total Light Output*:	4100 lm
Lumen maintenance (L90B10)*:	> 20000 h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	3900K
CCT of the Sky:	> 15000 K

Photometric diagram (simulated .ies .ldt file, without frame):	Not available, support upon customer request
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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):	0,764

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:
2440x1000x1470 mm / 96.0x39.4x57.9 in - 301 kg / 663.6 lb and
2630x120x1220 mm / 103.4x4.7x48.0 in - 87 kg / 191.8 lb;
_ No. 1 Pallet:
1200x800x1200 mm / 47.2x31.5x47.2 in - 40 kg / 88.2 lb;
_ No. 1 Carton box pallet:
1670x2370x430 mm / 65.7x93.3x16.9 in - 55 kg / 121.3 lb;
_ No. 3 Carton boxes:
2280x170x70 mm / 89.8x6.7x2.8 in - 18 kg / 39.7 and
2070x130x1210 mm / 81.5x5.1x47.6 in - 41 kg / 90.4 lb and
2280x170x70 mm / 89.8x6.7x2.8 in - 23 kg / 40.7 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.