



MECHANICAL FEATURES

Device dimensions:	3698 x 2274 x h1084 mm 145.6 x 89.5 x h42.6 in	Sky-light size:	1710 x 850 mm 67.3 x 33.5 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	3759 x 2491 x h1210 mm 148.0 x 98.1 x h 47.6 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:	Recessed Flushed mounted
Light output control with supplied keypad:	Dimmable by DALI	Recalled by DALI	Visible dimensions:	Wood, 2208x1485x164 mm /
Light output range:	55-100%	--	Weight:	86.9x58.5x6.5 in 35 kg / 77 lb
Power input:	100-240V, 50/60Hz	100-240V, 50/60Hz	Finishing:	White primer, to be painted
Max power consumption:	300W	< 15W		
Typical power consumption:	270W	--		
Power supply:	Included	Included		

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 1710 x 850 mm (67.3 x 33.5 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 45HC_P_M

OPTICAL FEATURES

	Sun	Moon
Total Light Output*:	4700 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):	0,764	--

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:
 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 - 50 kg / 110.2 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

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.