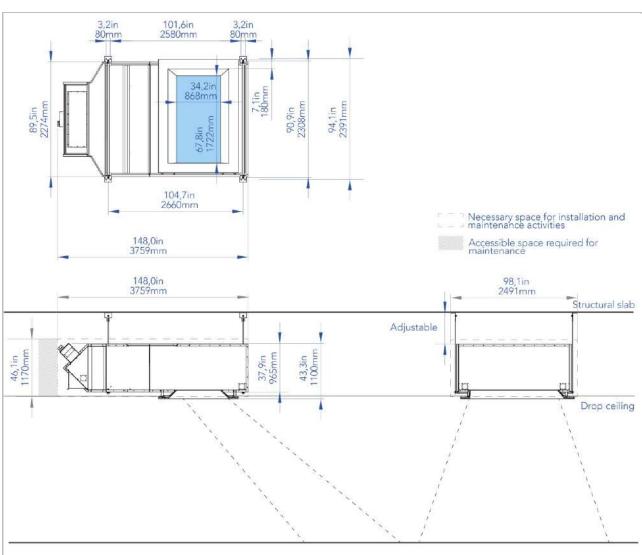


Order Code: 45HC_PU_CE



MECHANICAL FEATURES

Device dimensions: 3759 x 2274 x h1100 mm 148.0 x 89.5 x h43.3 in Sky-light size: 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

Fixing kit: The fixing kit includes:

- 4 plates for slab fixing, - 4 threaded rods (1.5 m; M12 metric system)

	FRAME	
LED Not dimmable	Material: Visible dimensions:	Ceiling mounted PU, 2245x1582x165 mm / 88.4x62.3x6.5 in
	Weight:	15 kg / 33 lb
100-240V, 50/60Hz		
300W		
270W		
Included	Finishing:	White primer, to be painted
	Not dimmable 100-240V, 50/60Hz 300W 270W	LED Material: Visible dimensions: Weight: 100-240V, 50/60Hz 300W 270W Finishing:





Order Code:

45HC_PU_CE

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

.ies .ldt file, without frame):

Photometric diagram (simulated Not available, support upon customer request

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):	0.764

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.