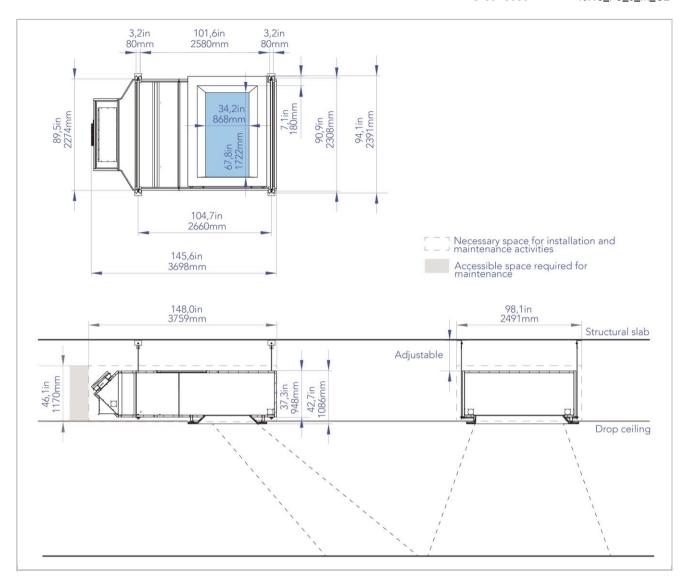




Order Code:

45HC\_PU\_S\_M\_CE



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Device dimensions:	3698 x 2274 x h1086 mm 145.6 x 89.5 x h42.7 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	Sun	Moon	FRAME	
Type of source:	LED	LED	Material:	
Light output control with supplied Keypad:	Dimmable by DALI	Recalled by DALI	Visible dimensions:	Ceiling mounted PU, 2245x1582x165 mm /
Light output range:	55-100%		Weight:	88.4x62.3x6.5 in 15 kg / 33 lb
Power input:	100-240V, 50/60Hz	100-240V, 50/60Hz		
Max power consumption:	300W	< 15W		
Typical power consumption:	270W		Finishing:	White primer, to be painted
Power supply:	Included	Included		



## CoeLux 45 HC

Order Code: 45HC\_PU\_S\_M\_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, PSE	
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)	200/400	200/400
(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	

#### 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

#### **PHOTOMETRIC CURVES**

More information upon request

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 <a href="www.coelux.com/en/patents/index">www.coelux.com/en/patents/index</a> CoeLux reserves the right to carry out variations to technical details.