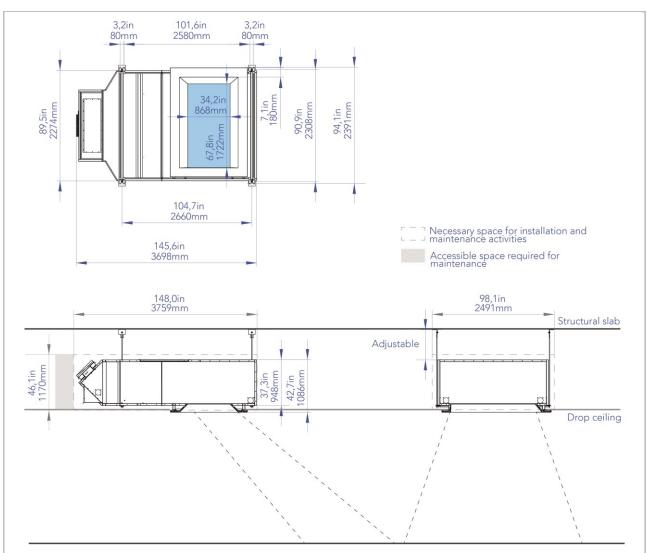


Order Code:

45HC\_PU\_S\_CE



# MECHANICAL FEATURES

3698 x 2274 x h1086 mm 1722 x 868 mm Sky-light size: Device dimensions: 145.6 x 89.5 x h42.7 in 67.8 x 34.2 in Necessary space for installation

300 Kg 3759 x 2491 x h1170 mm (largest volume including device, Weight: 148.0 x 98.1 x h 46.1 in 660 lb assembled frame, fixing kit):

Fixing kit: The fixing kit includes:

- 4 plates for slab fixing,

- 4 threaded rods (1.5 m; M12 metric system)

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





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45HC\_PU\_S\_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

## **OPTICAL FEATURES**

Total Light Output:	4700 lm
Lumen maintenance (L90B10):	> 50000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	4100K
CCT of the Sky:	> 15000 K

Photometric diagram (simulated Not available, support upon customer

les lot file, without frame):	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 - 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 conditions.

#### 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 www.coelux.com/en/patents/index CoeLux reserves the right to carry out variations to technical details.