



### MECHANICAL FEATURES

Device dimensions:	3759 x 2274 x h1100mm 148.0 x 89.5 x h43.3 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

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:	Recessed Flushed mounted
Visible dimensions:	Wood, 2208x1485x164 mm / 86.9x58.5x6.5 in
Weight:	35 kg / 77 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 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:	CE, CB
Certification code:	CoeLux 45HC

## OPTICAL FEATURES

Total Light Output*:	4100 lm
Lumen maintenance (L90B10)*:	> 20000h
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

## 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 - 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.

All values marked with an \* are rated values.

CoeLux technical sheets and 3D files can be downloaded directly from our website [www.coelux.com](http://www.coelux.com)

The products here presented are covered by patents and patents applications. Details available at [www.coelux.com/en/patents/index](http://www.coelux.com/en/patents/index)

CoeLux reserves the right to carry out variations to technical details.