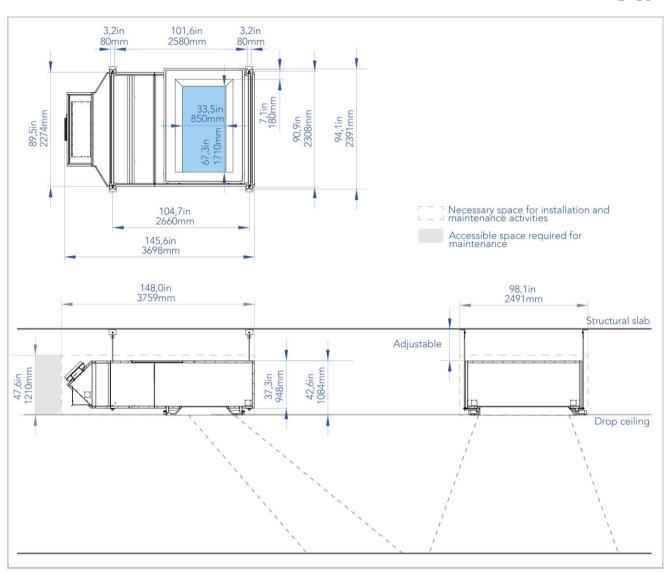




Order Code: 45HC\_WD\_S\_CE



# **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		FRAME	
Type of source: Light output control: Light output range:	LED Dimmable by DALI with supplied Keypad 55-100%	Material: Visible dimensions: Weight:	Recessed Flushed mounted Wood, 2208x1485x164 mm / 86.9x58.5x6.5 in
Power input:	100-240V, 50/60Hz		
Max power consumption:	300W		
Typical power consumption:	270W		
Power supply:	Included	Finishing:	White primer, to be painted



# CoeLux 45 HC

Order Code:

45HC\_WD\_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 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, 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 .ies .ldt file, without frame):

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 - 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 <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.