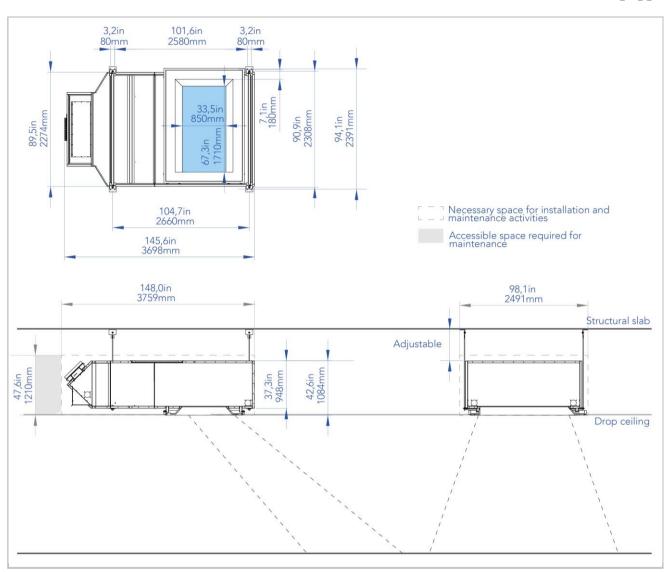




Order Code: 45HC_WD_S_UL



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:	Recessed Flushed mounted Wood, 2208x1485x164 mm /
Power input:	100-240V, 50/60Hz	Weight:	86.9x58.5x6.5 in
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_UL

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:	UL, FCC	
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

 ${\it CoeLux technical sheets and 3D files can be downloaded directly from our website {\it www.coelux.com}}$

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.