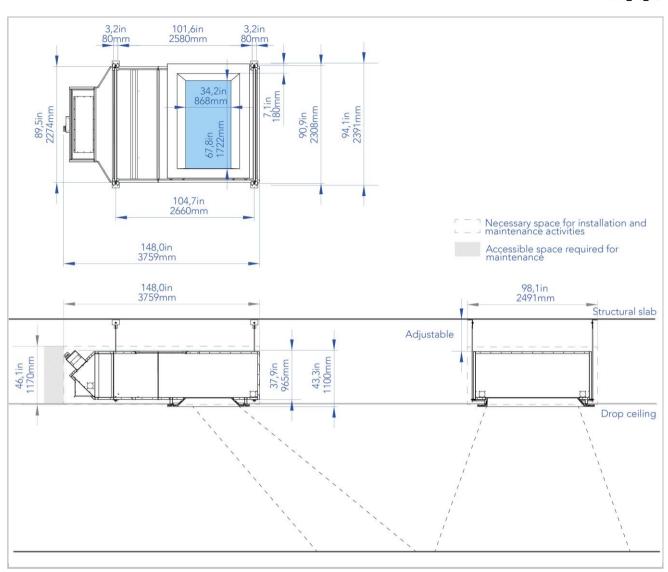




Order Code: 45HC\_PU\_KC



### **MECHANICAL FEATURES**

Device dimensions:	3759 x 2274 x h1100 mm 148.0 x 89.5 x h43.3 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)		

	system)		
ELECTRICAL FEATURES		FRAME	
Type of source: Light output control: Light output range:	LED Not dimmable 	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:	300W		
Typical power consumption:	270W		
Power supply:	Included	Finishing:	White primer, to be painted



### CoeLux 45 HC

Order Code: 45HC\_PU\_KC

#### **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: KC 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	Not available, support upon customer
.ies .ldt 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

### PHOTOMETRIC CURVES

More information upon request

## 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.

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

The products here presented are covered by patents and patents applications. Details available at <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.