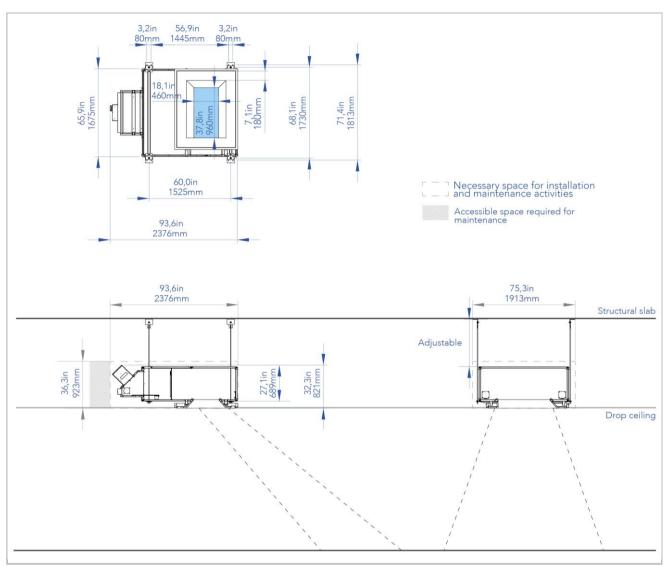


# CoeLux 45 LC

Order Code:

45LC\_WD\_KC



### **MECHANICAL FEATURES**

Device dimensions:	2376 x 1675 x h821 mm 93.6 x 65.9 x h32.3 in	Sky-light size:	960 x 460 mm 37.8 x 18.1 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	2376 x 1913 x h923 mm 93.6 x 75.3 x h36.3 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:	LED	Material:	Recessed Flushed mounted
Light output control:	Not dimmable	Visible dimensions:	Wood, 1458x1095x164 mm
Light output range:		Weight:	57.4x43.1x6.5 in 30 kg / 66 lb
Power input:	100-240V, 50/60Hz		
Max power consumption:	300W		
Typical power consumption:	270W		
Power supply:	Included	Finishing:	White primer, to be painted



DESCRIPTION

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## CERTIFICATIONS

PHOTOMETRIC CURVES

More information upon request

Certifications:	KC	
Certification code:	CoeLux 45LC	

### **OPTICAL FEATURES**

Total Light Output:	4200 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
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Melanopic Ratio (Sky):	1,444
Melanopic Ratio (Sun):	0,701
OPERATING CONDITIONS	
Min/max operating temperature:	-10/40°C
Max operating relative humidity	95%
(no condensing):	/ J /0
IP grade:	IP20

CoeLux® 45 LC 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: 960 x 460 mm (37.8 x 18.1 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.

### SHIPPING INFORMATION

\_ No. 3 Wooden boxes:

1130x1970x1115 mm / 44.5x77.5x45.3 in - 350 kg / 771.6 lb and 1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb; 1650x1300x410 mm / 65.0x51.2x16.1 in - 55 kg / 121.3 lb Dimensions and weights may differ depending on packaging and shipping conditions.

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.