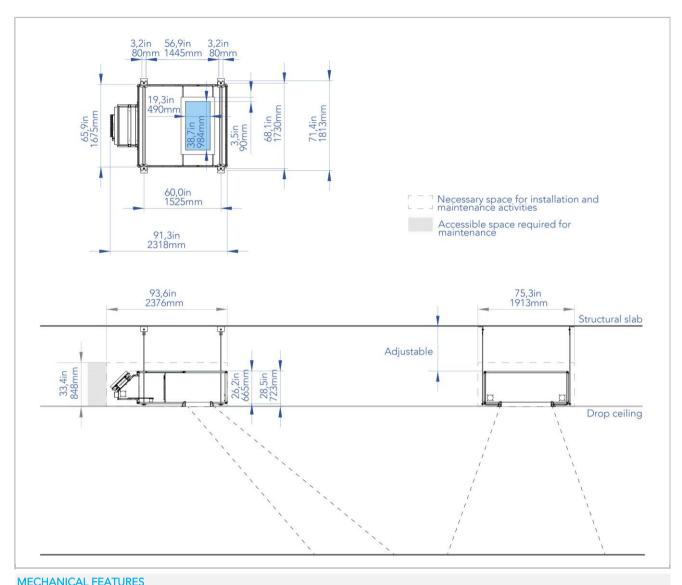




Order Code:

45LC\_9CM\_S\_M\_UL



MECHANICALTEATORES					
Device dimensions:	2318 × 1675 × h723 mm 91.3 × 65.9 × h28.5 in	Sky-light size:	9		
Necessary space for installa	ition				

984 x 490 mm  $38.7 \times 19.3 in$ 

2376 x 1913 x h848 mm (largest volume including device, 93.6 x 75.3 x h33.4 in assembled frame, fixing kit):

300 Kg Weight: 660 lb

Fixing kit: The fixing kit includes: - 4 plates for slab fixing,

- 4 threaded rods (1.5 m; M12 metric

system)

ELECTRICAL FEATURES	Sun	Moon	FRAME	
Type of source:	LED	LED	Material:	
Light output control with supplied Keypad:	Dimmable by DALI	Recalled by DALI	Visible dimensions:	Recessed Flushed mounted Wood, 1164x670x90 mm /
Light output range:	55-100%		Weight:	45.8x26.4x3.5 in 4 kg / 9 lb
Power input:	100-240V, 50/60Hz	100-240V, 50/60Hz		
Max power consumption:	300W	< 15W		
Typical power consumption:	270W		Finishing:	White primer, to be painted
Power supply:	Included	Included		



## CoeLux 45 LC

Order Code: 45LC\_9CM\_S\_M\_UL

## **DESCRIPTION**

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: 984 x 490 mm (38.7 x 19.3 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 45LC_P_M

OPTICAL FEATURES	Sun	Moon
Total Light Output:	4800 lm	
Lumen maintenance (L90B10):	> 50000h	> 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°	45°
Divergence (H/V)		
(without frames, refer to	30°/10°	30°/10°
photometric curves)		
Sun and Moon appearance:	Visible sharp	Visible
Sky appearance:	Clear	Clear
Melanopic Ratio (Sky):	1,444	
Melanopic Ratio (Sun):	0,701	
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. 3 Wooden boxes:

 $1130x1970x1115 \; mm \; / \; 44.5x77.5x45.3 \; in$  -  $360 \; kg \; / \; 793.7 \; lb$  and

1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb;

 $1260x770x280 \; mm \; / \; 49.6x30.3x11.0 \; in \; - \; 55 \; kg \; / \; 121.3 \; lb$ 

Dimensions and weights may differ depending on packaging and shipping conditions.

CoeLux technical sheets and 3D files can be downloaded directly from our website <a href="https://www.coelux.com">www.coelux.com</a>

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.