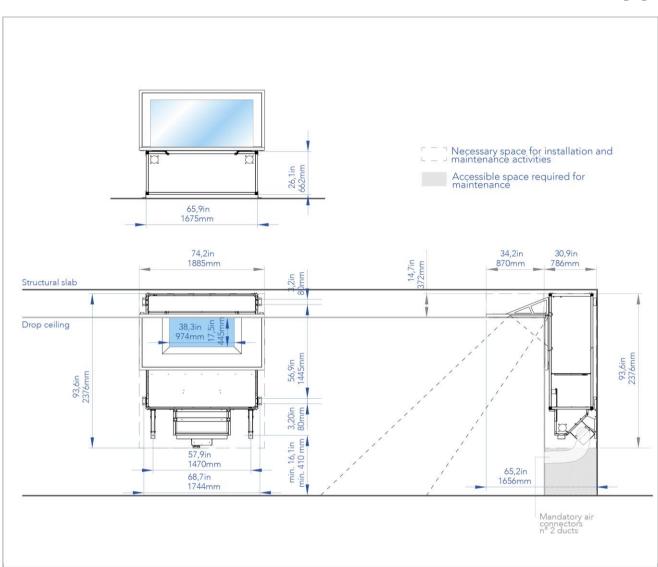


Order Code: 45SQ_WD_UL



MECHAN		

Device dimensions:	2376 x 1675 x 1656 mm 93.6 x 65.9 x 65.2 in	Sky-light size:	891 x 974 mm 35.0 x 38.3 in (perceived)
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	2376 x 1885 x 1656 mm 93.6 x 74.2 x 65.2 in	Weight:	300 Kg 660 lb
Fixing kit:	The fixing kit includes also: - 4 plates, - 2 stirrups for all fixing		

ELECTRICAL FEATURES		FRAME	
Type of source: Light output control:	LED Not dimmable	Material: Visible dimensions:	Recessed Flushed mounted 1795x786x108 mm / 70.7x30.9x4.3 in
Light output range:		Weight:	20 kg / 44 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 SQUARE

Order Code: 45SQ_WD_UL

DESCRIPTION

CoeLux® 45 SQUARE is a recessed system: partially hidden by the false wall and the false ceiling, it is able to artificially reproduce the natural light of the sky and the sun (it must be installed on the wall). It includes an LED light source, optical components and a Sky panel, all housed in a metal structure in the counter-wall, plus a mirror to be recessed into the false ceiling. Perceived Skylight dimensions: 890 x 974 mm (35.0 x 38.3 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 45 SQUARE

OPTICAL FEATURES

Total Light Output:	4000 lm
Lumen maintenance (L90B10):	> 20000h
LED CRI (Ra) :	> 92
CCT of transmitted beam:	3900K
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

0,701

OPERATING CONDITIONS

Melanopic Ratio (Sun):

Min/max operating temperature:	-10/40°C
Max operating relative humidity (no condensing):	95%
IP grade:	IP20

SHIPPING INFORMATION

No. 4 Wooden boxes:

850x2400x1800 mm / 33.5x94.5x70.9 in - 250 kg / 551.2 lb and 1930x120x970 mm / 76.0x4.7x38.2 in - 53 kg / 116.8 lb and 2150x150x970 mm / 84.6x5.9x38.2 in - 70 kg / 154.3 lb and

2000x390x1150 mm / 78.7x15.4x45.3 in - 83 kg / 183.0 lb; _ No. 1 Pallet: 1200x800x1200 mm / 47.2x31.5x47.2 in - 37 kg / 81.6 lb;

_ No. 2 Carton Boxes: 2150x150x1000 mm / 84.6x5.9x39.4 in - 10 kg / 22.0 lb and 800x600x200 mm / 31.5x23.6x7.9 in - 20 kg / 44.1 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 www.coelux.com/en/patents/index CoeLux reserves the right to carry out variations to technical details.