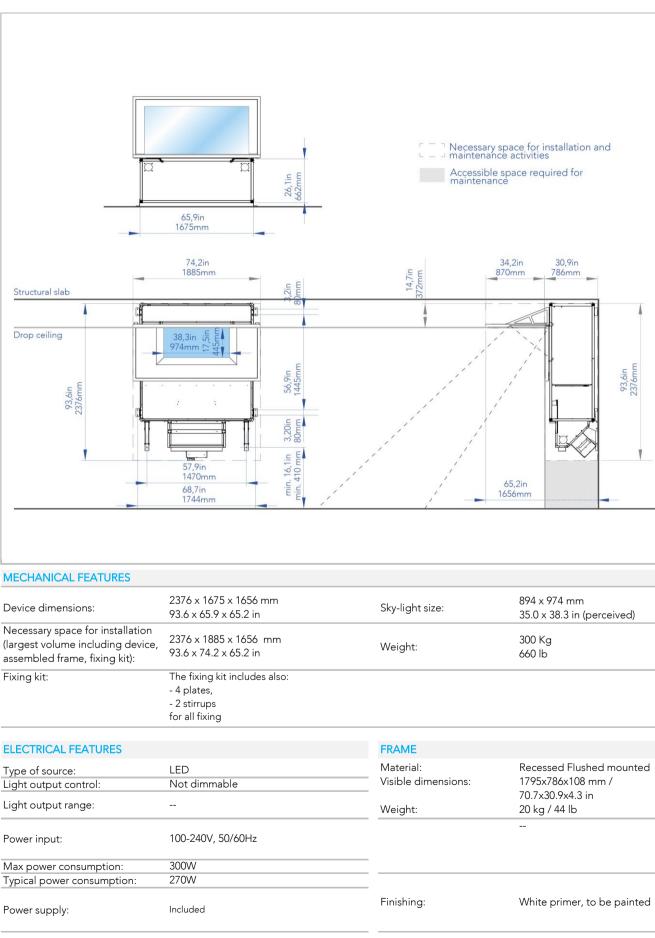


# CoeLux 45 Square

Order Code: 45

45SQ\_WD\_KC





## CoeLux 45 SQUARE

CoeLux 45 SQUARE

Order Code:

КC

45SQ\_WD\_KC

### 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.

### **OPTICAL FEATURES**

Max operating relative humidity

SHIPPING INFORMATION \_ No. 4 Wooden boxes:

(no condensing):

IP grade:

conditions.

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	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):	0,701
OPERATING CONDITIONS	
Min/max operating temperature:	-10/40°C

95%

IP20

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;

800x600x200 mm / 31.5x23.6x7.9 in - 20 kg / 44.1 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

Dimensions and weights may differ depending on packaging and shipping

PHOTOMETRIC CURVES

CERTIFICATIONS Certifications:

Certification code:

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.