

MECHANICAL FEATURES

Device dimensions:	1200 x 600 x h460 mm 47.2 x 23.6 x h18.1 in	Sky-light size:	1086 x 295 mm 42.8 x 11.6 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1200 x 600 x h460 mm 47.2 x 23.6 x h18.1 in	Weight:	24 Kg 55 lb
Fixing kit	The fixing kit includes 4 threaded rods (0.5 m; M6 metric system)		

ELECTRICAL FEATURES

ELECTRICAL FEATURES		FRAME	
Type of source:	LED	Material and visible dimensions:	Painted metal, Silver alanod 1200x600xh100 mm / 47.2x23.6xh3.9 in
Light output control:	Dimmable by DALI or 0-10V	Weight:	6 kg / 13 lb
Light output range:	0.1-100%	Finishing:	White, RAL 9010
Power input	4 channels, 450 mA each channel, 42 Vdc		
Max power consumption:	80 W		
Typical power consumption:	80 W		
Electrical rating	Class III		
Power supply units and drivers:	Not included. Suggested driver: Driver DALI 50W - EldoLED SL0560/A-450mA Order code: 27-00003-02 (2 pieces required)		

DESCRIPTION

Coelux® LS Matte is a recessed ceiling system that artificially reproduces natural light from the sky and the sun. It includes an LED light source, optical components and a Coelux® panel, all housed in a plastic structure. Skylight dimensions: 1086 x 295 mm (42.8 x 11.6 in). Appearance of the sun: visible, slightly frosted. Beam direction: 45°. Appearance of the sky: clear. Frame: included (mandatory for optimal yield), matte. It may also be mounted on normally inflammable surfaces. Inspection hatch: not required.

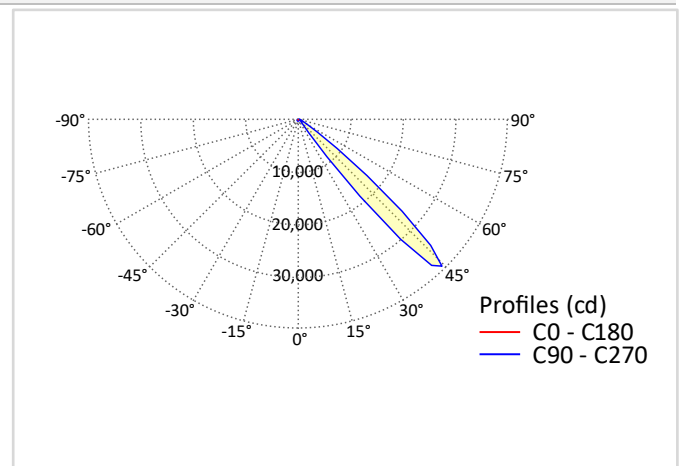
CERTIFICATIONS

Certifications:	CE, CB, PSE
Certification code:	Coelux LS (Serie 2)
Warranty:	5 years

OPTICAL FEATURES

Total Light Output:	3300 lm
Lumen maintenance(L90B10):	> 50000 h
LED CRI (Ra)	> 92
CCT of transmitted beam:	4800 K
CCT of the Sky:	> 30000 K
Photometric diagram (simulated .ies .ldt file, without frame):	Available
Beam angle:	45°
Divergence-FWHM (H/V)(without frames, refer to photometric curves):	13° / 18°
Sun appearance:	Visible slightly frosted
Sky appearance:	Clear
Melanopic Ratio (Sky):	1,577
Melanopic Ratio (Sun):	0,822

PHOTOMETRIC CURVES



OPERATING CONDITIONS

Min/max operating temperature:	-10/40°C
Max operating relative humidity (no condensing):	95%
IP grade:	IP20 (IP44 on the sky panel side only)

SHIPPING INFORMATION

_ No. 2 Carton boxes:
 1200x650x h500 mm / 47.2x25.6x h19.7 in - 30 kg / 66.1 lb and
 1250x660xh160 mm / 49.2x26.0xh6.2 in - 17 kg / 37.4 lb
 Dimensions and weights may differ depending on packaging and shipping conditions.

ACCESSORIES

- 75-00063-01: CBU-A2D - Casambi wireless control unit configured for Coelux LS Classic DALI
- 75-00064-01: CBU-A2D - Casambi wireless control unit configured for Coelux LS Classic 0-10V
- 75-00057-01: Casambi Xpress - Casambi wireless Keypad user interface - White
- 75-00058-01: Casambi Xpress - Casambi wireless Keypad user interface - Black

NOTES

- 1) The drivers must be purchased separately, make sure you order it. The Order code is indicated in the section ELECTRICAL FEATURES (Power supply and driver units) of this datasheet.