

#### MECHANICAL FEATURES

Device dimensions:	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1 in	Sky-light size:	(498 + 498) x 295 mm (19.6 + 19.6) x 11.6 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1159 x 500 x h460 mm 45.6 x 19.7 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

#### FRAME

Type of source:	LED	Material and Visible dimensions:	Steel 1086x295xh130 mm / 42.8x11.6x5.1 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.		

**DESCRIPTION**

Coelux® LS Array 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: (498 + 498) x 295 mm | (19.6 + 19.6) 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.

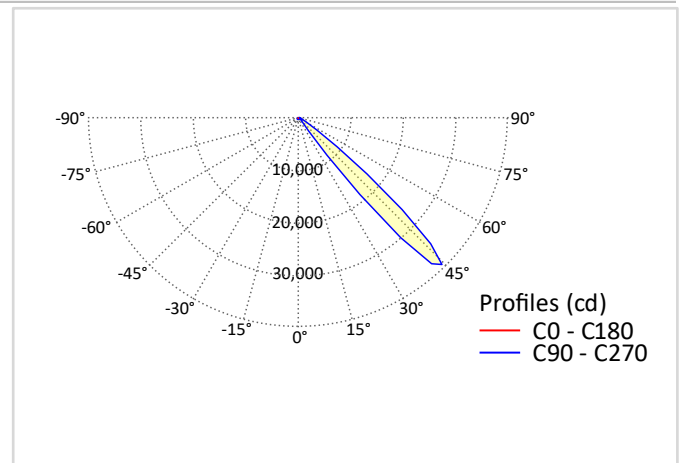
**CERTIFICATIONS**

Certifications:	KC ongoing
Certification code:	Coelux LS (Serie 2)
Warranty:	2 years

**OPTICAL FEATURES**

Total Light Output:	3000 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. 3 Carton boxes:  
 1200x500x650 mm / 47.2x19.7x25.6 in - 32 kg / 70.5 lb and  
 1250x660x185 mm / 49.2x26.0x7.3 in - 10 kg / 22 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

**NOTES**

Coelux technical sheets and 3D files can be downloaded directly from our website [www.coelux.com](http://www.coelux.com)  
 The products here presented are covered by patents and patent applications.  
 Details available at [www.coelux.com/en/patents/index](http://www.coelux.com/en/patents/index) Coelux reserves the right to carry out variations to technical details.