

MECHANICAL FEATURES

Device dimensions:	1159 x 535 x h465 mm 45.6 x 21.1 x h18.3 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 535 x h714 mm 45.6 x 21.1 x h28.1 in	Weight:	30 Kg 66 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:	Steel Depending on the configuration
Light output control:	Dimmable by DALI or 0-10V	Weight:	7 kg / 15.4 lb
Light output range:	0.1-100%	Finishing:	White, RAL 9010
Power input:	120V, 60Hz		
Max power consumption:	100 W		
Typical power consumption:	90 W		
Electrical rating	Class II		
Power supply units and drivers:	Included		

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 patent applications.
Details available at www.coelux.com/en/patents/index Coelux reserves the right to carry out variations to technical details.

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: required. For Array configurations use LS Array Head module and LS Array Middle module in variable number.

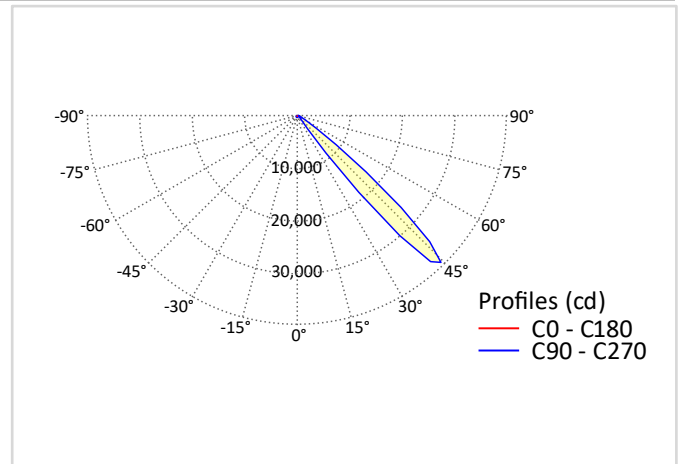
CERTIFICATIONS

Certifications:	UL, FCC
Certification code:	CoeLux LS
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

NOTES

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 patent applications.
Details available at www.coelux.com/en/patents/index CoeLux reserves the right to carry out variations to technical details.