

**MECHANICAL FEATURES**

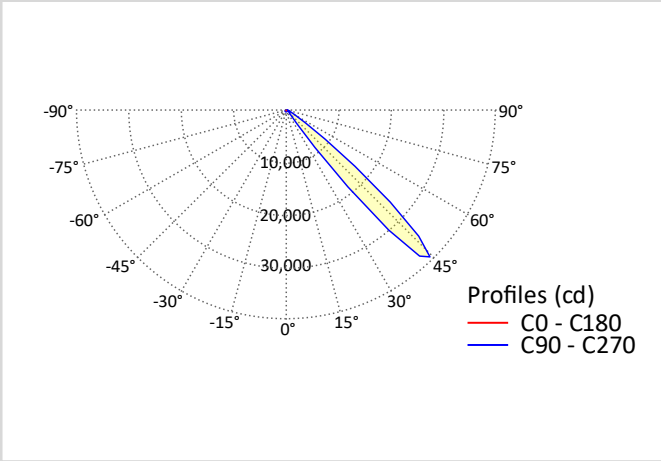
Device dimensions:	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1 in	Sky-light size:	(498 + 498) x 295 mm (19.6 + 19.6) x 11.6 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1159 x 500 x h460 mm 45.6 x 19.7 x h18.1 in	Weight:	24 Kg 55 lb
Fixing kit	The fixing kit includes 4 threaded rods (0.5 m; M6 metric system)		

**ELECTRICAL FEATURES**

**FRAME**

Type of source:	LED	Material and Visible dimensions:	Steel 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:	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: 27-00003-02 (x2)		

DESCRIPTION	CERTIFICATIONS						
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. For Array configurations use LS Array Head module and LS Array Middle module in variable number.	<table border="1"> <tr> <td>Certifications:</td> <td>KC ongoing</td> </tr> <tr> <td>Certification code:</td> <td>Coelux LS (Serie 2)</td> </tr> <tr> <td>Warranty:</td> <td>2 years</td> </tr> </table>	Certifications:	KC ongoing	Certification code:	Coelux LS (Serie 2)	Warranty:	2 years
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OPTICAL FEATURES	PHOTOMETRIC CURVES																								
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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	NOTES
- 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	

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.