

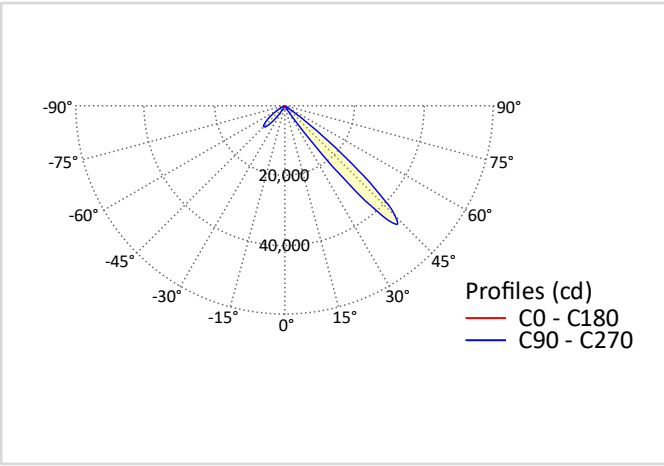
MECHANICAL FEATURES

Device dimensions:	1200 x 600 x h430 mm 47.2 x 23.6 x h16.9 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 h430 mm 47.2 x 23.6 x h16.9 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 (horizontal surface) / silver (vertical surfaces)
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 (two pieces required)		

DESCRIPTION	CERTIFICATIONS						
Coelux® LS Ice 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 Sky 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), reflective. It may also be mounted on normally inflammable surfaces. Inspection hatch: not required.	<table border="1"> <tr> <td>Certifications:</td> <td>CE, CB, PSE</td> </tr> <tr> <td>Certification code:</td> <td>Coelux LS (Serie 2)</td> </tr> <tr> <td>Warranty:</td> <td>5 years</td> </tr> </table>	Certifications:	CE, CB, PSE	Certification code:	Coelux LS (Serie 2)	Warranty:	5 years
Certifications:	CE, CB, PSE						
Certification code:	Coelux LS (Serie 2)						
Warranty:	5 years						

OPTICAL FEATURES	PHOTOMETRIC CURVES																								
<table border="1"> <tr> <td>Total Light Output:</td> <td>4300 lm</td> </tr> <tr> <td>Lumen maintenance(L90B10):</td> <td>> 50000 h</td> </tr> <tr> <td>LED CRI (Ra)</td> <td>> 92</td> </tr> <tr> <td>CCT of transmitted beam:</td> <td>4800 K</td> </tr> <tr> <td>CCT of the Sky:</td> <td>> 30000 K</td> </tr> <tr> <td>Photometric diagram (simulated .ies .ldt file, without frame):</td> <td>Available</td> </tr> <tr> <td>Beam angle:</td> <td>45°</td> </tr> <tr> <td>Divergence-FWHM (H/V)(without frames, refer to photometric curves):</td> <td>13° / 18°</td> </tr> <tr> <td>Sun appearance:</td> <td>Visible slightly frosted</td> </tr> <tr> <td>Sky appearance:</td> <td>Clear</td> </tr> <tr> <td>Melanopic Ratio (Sky):</td> <td>1,607</td> </tr> <tr> <td>Melanopic Ratio (Sun):</td> <td>0,807</td> </tr> </table>	Total Light Output:	4300 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):	1,607	Melanopic Ratio (Sun):	0,807	 <p>Profiles (cd)</p> <ul style="list-style-type: none"> C0 - C180 C90 - C270
Total Light Output:	4300 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):	1,607																								
Melanopic Ratio (Sun):	0,807																								

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	NOTES
- 75-00063-01: CBU-A2D - Casambi wireless control unit configured for Coelux LS Classic DALI	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.
- 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	