

MECHANICAL FEATURES

Device dimensions:	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8 in	Sky-light size:	1070 x 520 mm 42.1 x 20.4 in
Necessary space for installation (largest volume including device, assembled frame, fixing kit):	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8 in	Weight:	50 kg 110 lb
Fixing kit	The fixing kit is included without threaded rods. Ceiling fasteners are not supplied.		

ELECTRICAL FEATURES

FRAME

Type of source:	LED	Material and Visible dimensions:	Recessed trim, Powder-coated steel sheet 1200 x 600 x h25 mm / 47.2 x 23.6 x h1 in
Light output control:	Dimmable by DALI or 0-10V	Weight:	3.8 kg / 8.4 lb
Light output range:	0.4-100%	Finishing:	White Matte, RAL 9010
Power input:	2 channels at 24 V DC		
Max power consumption:	210 W		
Typical power consumption:	210 W		
Electrical rating	To be defined		
Power supply units and drivers:	<p>Power supply units to be ordered separately: 2x 27- 00008- 01 Mean Well HLG- 100H- 24A Smart Sky Driver and its power supply are not included and must be ordered separately.</p> <p>Each Smart Sky Driver can operate up to 2 products:</p> <ul style="list-style-type: none"> order code DALI: 27-00025-01 order code 0-10V: 27-00021-01 <p>Each Smart Sky Driver requires one power supply unit (24 Vdc, 12 W minimum):</p> <ul style="list-style-type: none"> order code: 27-00031-01 		

DESCRIPTION

Coelux HT25 is a recessed ceiling system that artificially reproduces natural light from the sky and the sun. It includes a LED light source, optical components and a Coelux Smart Sky panel, all housed in a metal structure. Skylight dimensions: 1070 x 520 mm (42.1 x 20.4 in). Appearance of the sun: visible, slightly frosted. Beam direction: zenith. Appearance of the sky: clear. Frame: included (mandatory for optimal yield). It may also be mounted on normally inflammable surfaces. Inspection hatch: not required. It is recommended to position the power supplies and the Smart Sky driver remotely.

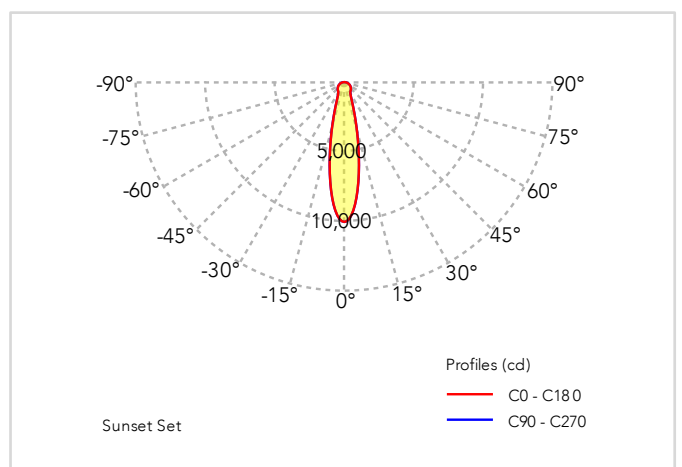
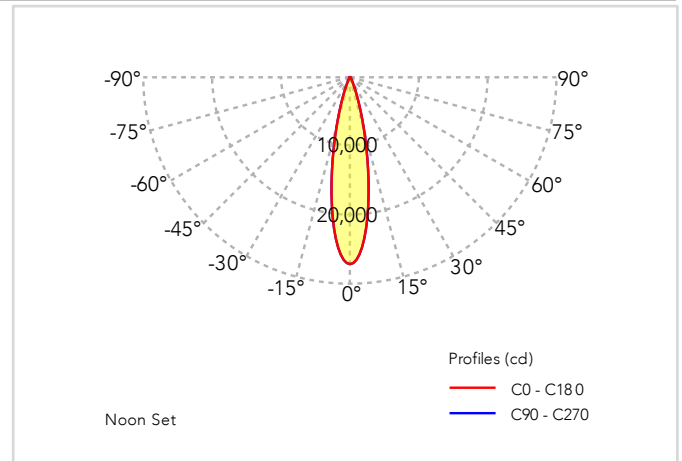
CERTIFICATIONS

Certifications:	CE, CB, UL Ongoing
Certification code:	Coelux HT25 SS
Warranty:	2 years

OPTICAL FEATURES

Total Light Output:	5300 lm (noon) - 4500 lm (sunset)
Lumen maintenance(L90B10):	> 50000 h
LED CRI (Ra)	> 92
CCT of transmitted beam (noon):	5500 K
CCT of the Sky (noon):	> 10000 K
CCT of transmitted beam (sunset):	3100 K
CCT of the Sky (sunset):	9000 K
Photometric diagram (simulated .ies .ldt file, without frame):	Available
Beam angle:	Zenith
Divergence-FWHM (H/V)(without frames, refer to photometric curves):	23°/23°
Sun appearance:	Visible slightly frosted
Sky appearance:	Clear
Melanopic Ratio (Sky):	1.49 (noon) - 1.21 (sunset)
Melanopic Ratio (Sun):	0.94 (noon) - 0.54 (sunset)

PHOTOMETRIC CURVES



OPERATING CONDITIONS

Min/max operating temperature:	-10 / 40 °C
Max operating relative humidity (no condensing):	95%
IP grade:	IP20

SHIPPING INFORMATION

- 1 Carton Box:
1270 x 725 x h545 mm / 50 x 28.5 x h21.4 in
75 kg / 165,347 lb

ACCESSORIES

- 75-00055-01: CBU-A2D - Casambi wireless control unit configured for Coelux HT SmartSky DALI
- 75-00056-01: CBU-A2D - Casambi wireless control unit configured for Coelux HT SmartSky 0-10V
- 75-00057-01: Casambi Xpress - Casambi wireless Keypad user interface - White
- 75-00058-01: Casambi Xpress - Casambi wireless Keypad user interface - Black
- 38-00070-01: extension cord for Smart Sky - 5 m
- 38-00071-01: 3-way Distributor for Smart Sky

NOTES

- 1) Please note that there are two Order codes for this product. Select the Order code that best suits your needs: HT25MI-SSND-DAL-A-01 (DALI) and HT25MI-SSND-010-A-01 (0-10 V).
- 2) The power supply and the Smart Sky driver must be purchased separately, make sure you order them. The Order codes are indicated in the section ELECTRICAL FEATURES (Power supply) of this datasheet.
- 3) A Smart Sky driver operates up to 2 products through the use of a Distributor (order code 38-00071-01). One Smart Sky Distributor can be connected to maximum 3 products.
- 4) In order to ensure an easier maintenance, it is suggested to position the power supply and the Smart Sky driver remotely.

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.