

MECHANICAL FEATURES

Device dimensions:	1200 x 600 x h250 mm 47.2 x 23.6 x h9.8 in	Sky-light size:	520 x 1070 mm 22.4 x 42.1 in
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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
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Fixing kit: The fixing kit is included without threaded rods. Ceiling fasteners are not supplied.

FRAME

Material and Visible dimensions:	Recessed trim, Powder-coated steel sheet 1200 x 600 x h25 mm 47.2 x 23.6 x h1 in	Weight:	3.8 kg 8.4 lb
		Finishing:	White Matte RAL 9010

ELECTRICAL FEATURES

Type of source:	LED
Light output control:	Dimmable by DALI or 0-10V
Light output range:	0.4-100%
Power input:	2 channel at 24 V DC
Max power consumption:	210W
Typical power consumption:	210W
Power supply:	Smart Sky Driver (DALI or 0-10V) included. To be ordered separately: 2x 27-00008-01 Mean Well HLG-100H-24A

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: 520 x 1070 mm (22.4 x 42.1 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 drivers remotely.

OPTICAL FEATURES

Total Light Output:	5300 lm (noon) - 4500 lm (sunset)
Lumen maintenance (L90B10):	> 50000h
LED CRI (Ra):	> 92
CCT of transmitted beam (noon):	5500K
CCT of the Sky (noon):	>10000K
CCT of transmitted beam (sunset):	3100K
CCT of the Sky (sunset):	9000K
Photometric diagram (simulated .ies .ldt file, without frame):	Available
Beam angle:	Zenith
Divergence (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)

OPERATING CONDITIONS

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

SHIPPING INFORMATION

-1 Wooden Box:
1270 x 725 x h545 mm/50 x 28.5 x h21.4 in
95 kg/ 198.4 lb

ACCESSORIES

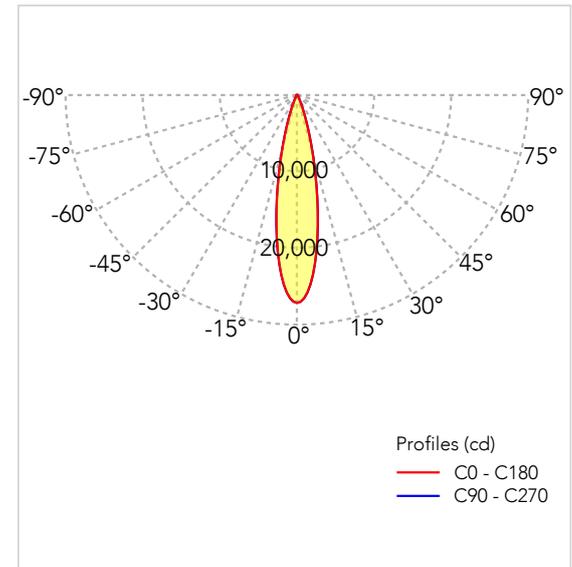
-75-00055-01: CBU-A2D
Casambi wireless control unit configured for CoeLux SmartSky DALI
-75-00056-01: CBU-A2D
Casambi wireless control unit configured for CoeLux SmartSky 0-10V
-75-00057-01: Casambi
Xpress - Casambi wireless Keypad user interface - White
-75-00058-01: Casambi
Xpress - Casambi wireless Keypad user interface - Black

CERTIFICATIONS

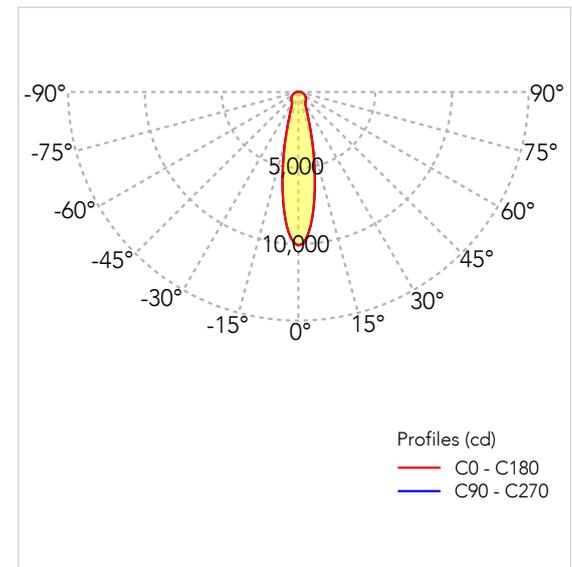
Certifications (main system):	CE, CB, UL ongoing
Certification code (main system):	CoeLux HT25 SS
Warranty:	2 years

PHOTOMETRIC CURVES

Noon Set



Sunset Set



NOTES

- 1) Please note that there are two Order codes for this product. Select the Order code that best suits your needs: HT25-SS-DAL-01 (DALI) and HT25-SS-010-01 (0-10V).
- 2) The driver must be purchased separately, make sure you order it. The Order code is indicated in the section ELECTRICAL FEATURES (Power supply) of this datasheet.
- 3) In order to ensure an easier maintenance, it is suggested to position the power supply remotely.