

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:	200 W		
Typical power consumption:	190 W		
Electrical rating	EU Class III (UL class 2)		
Power supply units and drivers:	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 Classic 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 remotely.

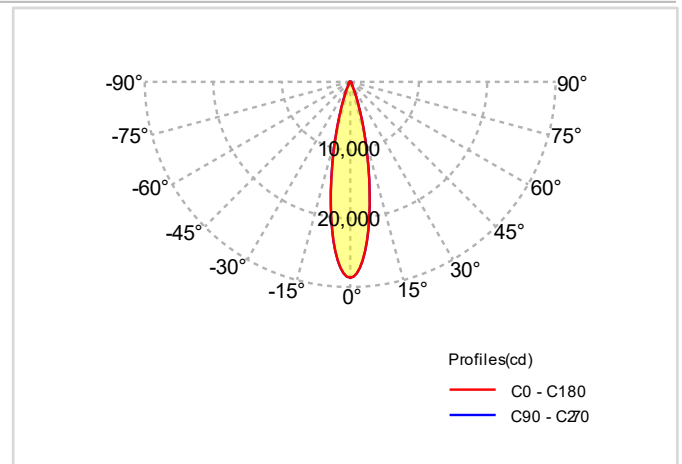
CERTIFICATIONS

Certifications:	CE, CB, UL, PSE Certified (DALI version) CE, CB, UL, PSE Ongoing certification (0-10V version)
Certification code:	Coelux HT25
Warranty:	2 years

OPTICAL FEATURES

Total Light Output:	5900 lm
Lumen maintenance(L90B10):	> 50000 h
LED CRI (Ra)	> 92
CCT of transmitted beam:	4800 K
CCT of the Sky:	> 10000 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):	1.58
Melanopic Ratio (Sun):	0.87

PHOTOMETRIC CURVES



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

- 75-00050-01: CBU-A2D - Casambi wireless control unit configured for Coelux HT Classic DALI
- 75-00054-01: CBU-A2D - Casambi wireless control unit configured for Coelux HT 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

NOTES

- 1) Please note that there are two Order codes for this product. Select the Order code that best suits your needs: HT25-3L-DAL-01 (DALI) and HT25-3L-010-01 (0-10 V).
- 2) The power supply 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 supplies remotely.