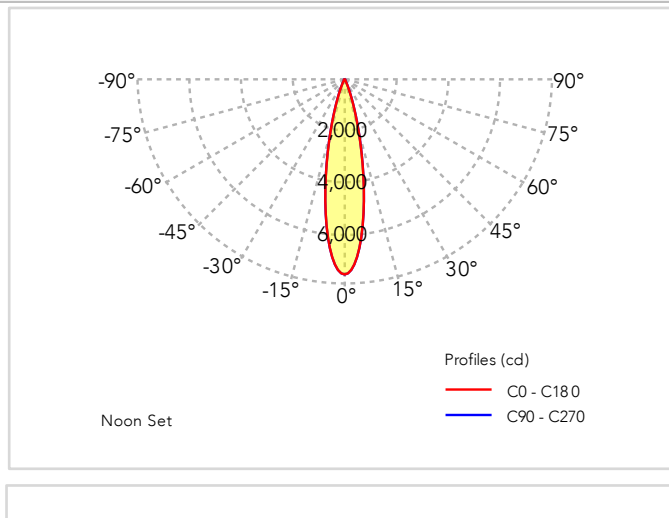## MECHANICAL FEATURES

| | | | |
|---|---|---|---|
| Device dimensions: | 636 x 377 x h250 mm<br>25 x 14.8 x h9.8 in | Sky-light size: | 492 x 233 mm<br>19.3 x 9.1 in |
| Necessary space for installation (largest volume including device, assembled frame, fixing kit): | 630 x 371 x h125 mm<br>24.8 x 14.6 x h4.9 in | Weight: | 17.5 kg<br>38.5 lb |
| Fixing kit | The fixing kit is included without threaded rods. Ceiling fasteners are not supplied. | | |

## ELECTRICAL FEATURES / FRAME

| ELECTRICAL FEATURES | | FRAME | |
|---|---|---|---|
| Type of source: | LED | Material and Visible dimensions: | Semi receseed mounted, Powder-coated steel sheet<br>636 x 377 x h130 mm / 25 x 14.8 x h5.1 in |
| Light output control: | Dimmable by DALI or 0-10V | Weight: | 5.33 kg / 11.75 lb |
| Light output range: | 0.4-100% | Finishing: | White Matte, RAL 9010 |
| Power input: | 1 channel at 24 V DC | | |
| Max power consumption: | 50 W | | |
| Typical power consumption: | 46 W | | |
| Electrical rating | EU Class III (UL class 2) | | |
| Power supply units and drivers: | Smart Sky Driver (DALI or 0-10V) included.<br>Power supply unit to be ordered separately:<br>27-00020-01 Power Supply 75W - Mean Well XLG-75-24-A. | | |

## DESCRIPTION

CoeLux HT25 Mini is a semi-recessed compact 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: 492 x 233 mm (19.3 x 9.1 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. It is recommended to position the power supply and the Smart Sky driver remotely.

## CERTIFICATIONS

| | |
|---|---|
| Certifications: | CE, CB, UL ongoing |
| Certification code: | Coelux HT25 MINI SS |
| Warranty: | 2 years |

## OPTICAL FEATURS

| | |
|---|---|
| Total Light Output: | 1400 lm (noon) - 1200 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): | 1.50 (noon) - 1.22 (sunset) |
| Melanopic Ratio (Sun): | 0.96 (noon) - 0.55 (sunset) |

## OPERATING CONDITIONS

| | |
|---|---|
| Min/max operating temperature: | -10 / 40°C |
| Max operating relative humidity (no condensing): | 95% |
| IP grade: | IP 65 |

## SHIPPING INFORMATION

- 1 cardboard box:
795 x 530 x h415 mm / 31.2 x 20.8 x h16.3 in
22.5 kg / 48.5 lb
- 1 cardboard box:
650 x 400 x h145 mm / 25.6 x 15.7 x h5.7 in
5.86 kg / 12.92 lb

## PHOTOMETRIC CURVES



Noon Set

Profiles (cd)
— C0 - C180
— C90 - C270



Sunset Set

Profiles (cd)
— C0 - C180
— C90 - C270

## 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
- 22-00009-01: IP 68 Connector

## NOTES

1) Please note that there are two Order codes for this product. Select the Order code that best suits your needs: HT25MINI-SS-DAL-C-01 (DALI) and HT25MINI-SS-010-C-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 supply and the Smart Sky driver remotely.