

MECHANICAL FEATURES

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| Device dimensions: | 1200 x 600 x h460 mm 47.2 x 23.6 x h18.1 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 h460 mm 47.2 x 23.6 x h18.1 in | Weight: | 24 Kg 55 lb |
| Fixing kit: | The fixing kit includes 4 threaded rods (0.5 m; M6 metric system) | | |

ELECTRICAL FEATURES

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| Type of source: | LED |
| Light output control: | Dimmable by DALI |
| Light output range: | 0.1-100% |
| Power input: | 4 channels, 450 mA each channel, 42 Vdc |
| Max power consumption: | 80W |
| Typical power consumption: | 80W |
| Power supply: | Not included. Suggested power supply: EldoLED SL0563A4 (x2) |

FRAME

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|---------------------|---|
| Material: | hpl |
| Visible dimensions: | 1200x600x130 mm / 47.2x23.6x5.1 in |
| Weight: | 6 kg / 13 lb |
| | Steel (1200x600x130 mm / 47.2x23.6x5.1 in) (Weight 7 kg / 15.4 lb) |
| Finishing: | White |

DESCRIPTION

CoeLux® LS Matte 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 CoeLux® 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), matte. It may also be mounted on normally inflammable surfaces. Inspection hatch: not required.

CERTIFICATIONS

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| Certifications: | CE, CB, PSE |
| Certification code: | CoeLux LS (Serie 2) |

OPTICAL FEATURES

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| Total Light Output: | 3300 lm |
| Lumen maintenance (L90B10): | > 50000h |
| LED CRI (Ra) : | > 92 |
| CCT of transmitted beam: | 4800K |
| CCT of the Sky: | > 30000 K |

Photometric diagram (simulated .ies .ldt file, without frame): Available

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| Beam angle: | 45° |
| Divergence (H/V) (without frames, refer to photometric curves) | 13° / 18° |
| Sun appearance: | Visible slightly frosted |
| Sky appearance: | Clear |
| Melanopic Ratio (Sky): | 1,577 |
| Melanopic Ratio (Sun): | 0,822 |

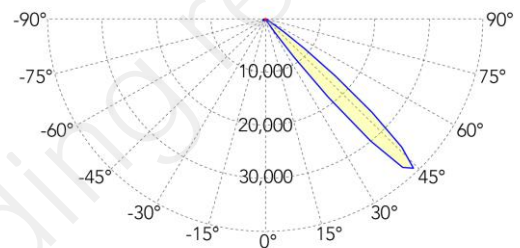
OPERATING CONDITIONS

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| 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. 3 Carton boxes:
 1200x500x650 mm / 47.2x19.7x25.6 in - 32 kg / 70.5 lb and
 1250x660x185 mm / 49.2x26.0x7.3 in - 10 kg / 22 lb and
 1250x660x185 mm / 49.2x26.0x7.3 in - 10 kg / 22 lb
 Dimensions and weights may differ depending on packaging and shipping conditions.

PHOTOMETRIC CURVES



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

CoeLux technical sheets and 3D files can be downloaded directly from our website www.coelux.com
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 CoeLux reserves the right to carry out variations to technical details.