

DESCRIPTION

CoeLux® LS Array 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: (2x)498 x 295 mm | (2x)19.6 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: | CCC |
| Certification code: | CoeLux LS (Serie 2) |

OPTICAL FEATURES

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| Total Light Output*: | 3000 lm |
| Lumen maintenance (L90B10)*: | > 50000h |
| LED CRI (Ra) : | > 92 |
| CCT of transmitted beam: | 4800K |
| CCT of the Sky: | > 30000 K |

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| 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 |

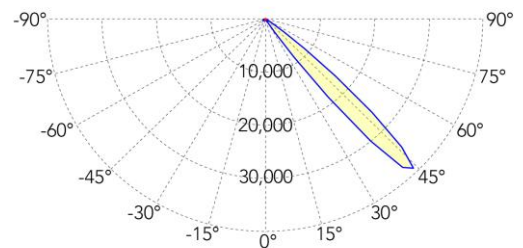
OPERATING CONDITIONS

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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

All values marked with an * are rated values.

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 patents applications. Details available at www.coelux.com/en/patents/index

CoeLux reserves the right to carry out variations to technical details.