



MECHANICAL FEATURES

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| Device dimensions: | 2318 x 1675 x h797 mm 91.3 x 65.9 x h31.4 in | Sky-light size: | 960 x 460 mm 37.8 x 18.1 in |
| Necessary space for installation (largest volume including device, assembled frame, fixing kit): | 2376 x 1913 x h923 mm 93.6 x 75.3 x h36.3 in | Weight: | 300 Kg 660 lb |
| Fixing kit: | The fixing kit includes: - 4 plates for slab fixing, - 4 threaded rods (1.5 m; M12 metric system) | | |

ELECTRICAL FEATURES

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| Type of source: | LED |
| Light output control: | Dimmable by DALI with supplied Keypad |
| Light output range: | 55-100% |
| Power input: | 100-240V, 50/60Hz |
| Max power consumption: | 300W |
| Typical power consumption: | 270W |
| Power supply: | Included |

FRAME

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|---------------------|----------------------------------------------|
| Material: | Recessed Flushed mounted |
| Visible dimensions: | Wood, 1458x1095x164 mm / 57.4x43.1x6.5 in |
| Weight: | 30 kg / 66 lb |
| Finishing: | White primer, to be painted |

DESCRIPTION

Coelux® 45 LC 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 Sky panel, all housed in a metal structure. Skylight dimensions: 960 x 460 mm (37.8 x 18.1 in). Appearance of the sun: visible, sharp. Beam direction: 45°. Appearance of the sky: clear. Frame: included (mandatory for optimal yield). It may also be mounted on normally inflammable surfaces. Inspection hatch: required close to the projector.

CERTIFICATIONS

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| Certifications: | CE, CB, PSE |
| Certification code: | Coelux 45LC_P |

OPTICAL FEATURES

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| Total Light Output*: | 4800 lm |
| Lumen maintenance (L90B10)*: | > 50000h |
| LED CRI (Ra) : | > 92 |
| CCT of transmitted beam: | 4100K |
| CCT of the Sky: | > 15000 K |

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| Photometric diagram (simulated .ies .ldt file, without frame): | Not available, support upon customer request |
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| Beam angle: | 45° |
| Divergence (H/V) (without frames, refer to photometric curves) | 30°/10° |
| Sun appearance: | Visible sharp |
| Sky appearance: | Clear |
| Melanopic Ratio (Sky): | 1,444 |
| Melanopic Ratio (Sun): | 0,701 |

PHOTOMETRIC CURVES

More information upon request

OPERATING CONDITIONS

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

SHIPPING INFORMATION

_ No. 2 Wooden boxes:
1130x1970x1115 mm / 44.5x77.5x45.3 in - 350 kg / 771.6 lb and
1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb;
_ No. 1 Pallet:
1650x1300x410 mm / 65.0x51.2x16.1 in - 55 kg / 121.3 lb;
_ No. 1 Carton Box:
1700x160x70 mm / 66.9x6.3x2.8 in - 20 kg / 44.0 lb
Dimensions and weights may differ depending on packaging and shipping conditions.

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.