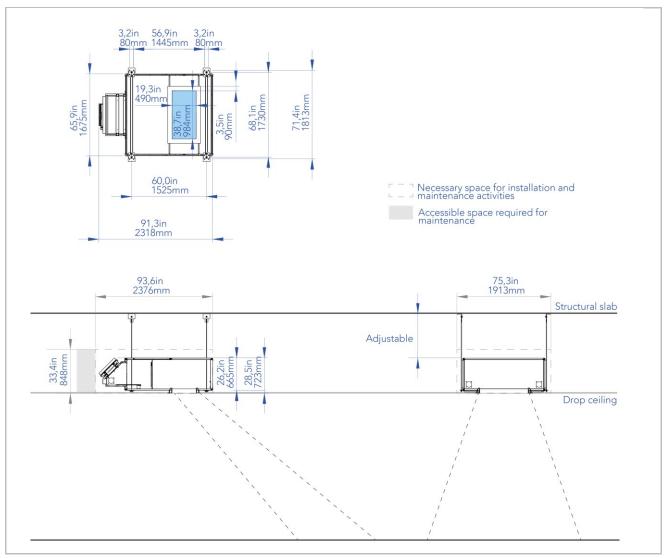


45LC\_9CM\_S\_CE



Order Code:



## MECHANICAL FEATURES

2318 x 1675 x h723 mm 984 x 490 mm Sky-light size: Device dimensions: 91.3 x 65.9 x h28.5 in  $38.7 \times 19.3 \text{ in}$ Necessary space for installation

300 Kg 2376 x 1913 x h848 mm (largest volume including device, Weight: 93.6 x 75.3 x h33.4 in 660 lb assembled frame, fixing kit):

Fixing kit: The fixing kit includes:

- 4 plates for slab fixing, - 4 threaded rods (1.5 m; M12 metric system)

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| ELECTRICAL FEATURES                                       |   | FRAME                                       |   |
|---|---|---|---|
| Type of source: Light output control: Light output range: | LED Dimmable by DALI with supplied Keypad 55-100% | Material:<br>Visible dimensions:<br>Weight: | Recessed Flushed mounted<br>Wood, 1164x670x90 mm /<br>45.8x26.4x3.5 in<br>4 kg / 9 lb |
| Power input:  | 100-240V, 50/60Hz                                 |   |   |
| Max power consumption: Typical power consumption:         | 300W<br>270W                                      |   |   |
| Power supply:   | Included  | Finishing:                                  | White primer, to be painted   |
|   |   |   |   |





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## 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:  $984 \times 490$  mm ( $38.7 \times 19.3$  in). Appearance of the sun: visible, sharp. Beam direction:  $45^\circ$ . 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  |             |
|-----------------|-------------|
| Certifications: | CE, CB, PSE |

CoeLux 45LC\_P

| OPTICAL FEATURES   |  |
|--|--|
| Total Light Output:  | 4800 lm                                      |
| Lumen maintenance (L90B10):                                    | > 50000h                                     |
| LED CRI (Ra) :   | > 92   |
| CCT of transmitted beam:                                       | 4100K  |
| CCT of the Sky:  | > 15000 K                                    |
| Photometric diagram (simulated .ies .ldt file, without frame): | Not available, support upon customer request |
| Beam angle:  | 45°  |
| Divergence (H/V)   |  |
| (without frames, refer to                                      | 30°/10°                                      |

| Beam angle:               | 45°           |
|---------------------------|---------------|
| Divergence (H/V)          |               |
| (without frames, refer to | 30°/10°       |
| photometric curves)       |               |
| Sun appearance:           | Visible sharp |
| Sky appearance:           | Clear         |
| Melanopic Ratio (Sky):    | 1,444         |
| Melanopic Ratio (Sun):    | 0,701         |
|                           |               |

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

## SHIPPING INFORMATION

\_ No. 3 Wooden boxes:

1130x1970x1115 mm / 44.5x77.5x45.3 in - 360 kg / 793.7 lb and

1930x120x970 mm / 76.0x74x38.2 in - 53 kg / 116.8 lb;

1260x770x280 mm / 49.6x30.3x11.0 in - 55 kg / 121.3 lb

Dimensions and weights may differ depending on packaging and shipping conditions.

## PHOTOMETRIC CURVES

Certification code:

More information upon request

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 <a href="www.coelux.com/en/patents/index">www.coelux.com/en/patents/index</a> CoeLux reserves the right to carry out variations to technical details.