# Office DI

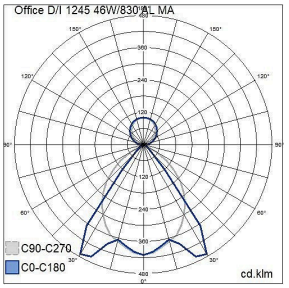


## 1245 46W/830 AL MA WH D/I

Suspension luminaire

The suspension-mounted Office D/I is a diffuse light office luminaire range in which the downlight and uplight can be controlled separately. Thanks to its modular design, the luminaire is easy to customise. Its optics features include an aluminium parabolic louvre and integrated opal shield, which eliminate glare from the LEDs and achieve a low Unified Glare Rating I/value (UGR <19). The luminaire is delivered with a 2-metre cable. Typical applications include schools, offices and other spaces where computers are used.

Office DI Suspension luminaire 46W 3000K 5500lm No dim; IP20; IK02; Protection cl. I; L80B10 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 5x1mm²; Housing Steel; Colour wh; Cover Plastic matt/satinized




Stocked: No

| 1245 46W/830 AL MA WH D/I | | | |
|---|---|---|---|
| PRODUCT CODE | CODE | KG | PRODUCT FAMILY |
| | A1OFCC | 3 | Office DI |

# 1245 46W/830 AL MA WH D/I

EC001743 Pendant luminaire

| Mounting | |
|---|---|
| Suitable for light line configuration | No |
| Fit for workplace acc. EN 12464-1 | Yes |
| Degree of protection (IP) | IP20 |
| Impact strength | IK02 |
| Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24 | Yes |
| Suitable for emergency lighting | No |
| Emergency function monitoring system | None |
| Type of wiring | Ending |
| Connectable conductor cross section (min) (mm²) | 1.5 mm² |
| Connectable conductor cross section (max) (mm²) | 2.5 mm² |
| Number of poles | 5 |
| Conductor cross section (mm²) | 1 mm² |
| Connection type | Other |

| Structure | |
|---|---|
| Lamp type | LED not exchangeable |
| Light source included | Yes |
| Suitable for number of lamps | 1 |
| Lamp holder | Other |
| Housing material | Steel |
| Housing colour | White |
| Cover material | Plastic matt/satinized |
| Type of grid | Matt |
| Control gear included | Yes |
| Exchangeable control gear | Yes |
| Reflector | Matt |
| Energy efficiency class of light source according to EU regulation 2019/2015 | D |
| Containing product according to 2019/2020/EU | Yes |
| Emergency power supply integrated | No |
| Emergency power supply system | None |
| Filament test according to IEC 60695-2-11 | 650 °C - 30 s |
| Suspension supplied with the product | No |
| Pendant length (min) (mm) | 500 mm |
| Pendant length (max) (mm) | 2000 mm |

| Electrotechnical data | |
|---|---|
| Voltage type | AC |
| Nominal voltage (min) (V) | 220 V |
| Nominal voltage (max) (V) | 240 V |
| Type of control gear | LED operating device current-controlled |
| Protection class according to IEC 61140 | I |
| Luminaire efficacy (min) (lm/W) | 120 lm/W |
| Luminaire efficacy (max) (lm/W) | 120 lm/W |
| Suitable for lamp power (min) (W) | 46 W |
| Suitable for lamp power (max) (W) | 46 W |
| Maximum system power (W) | 46 W |
| Luminaire efficacy (lm/W) | 120 lm/W |
| Power factor | 0.9 |

| Dimming and control | |
|---|---|
| Dimmable | No |
| Dimming 0-10 V | No |
| Dimming 1-10 V | No |
| Dimming DALI | No |
| Dimming DALI-2 | No |
| Dimming DMX | No |
| Dimming DSI | No |
| Dimming manufacturer's proprietary system | No |
| Dimming mains voltage modulation | No |
| Dimming trailing edge | No |
| Dimming leading edge | No |
| Dimming potentiometer (integrated) | No |
| Dimming programmable | No |
| Dimming RF | No |
| Dimming LineSwitch | No |
| Dimming Sine Wave Reduction | No |
| Dimming Touch and Dim | No |
| Dimming Zigbee | No |
| Dimming with push-button | No |
| No dimming function | Yes |
| With movement sensor | No |
| With presence indicator | No |
| With light sensor | No |
| Constant luminous flux control | No |
| Compatible with Apple HomeKit | No |
| Compatible with Google Assistant | No |
| Compatible with Amazon Alexa | No |
| Compatible with Casambi | No |
| IFTTT support available | No |
| Bluetooth operated | No |

| Photometric data | |
|---|---|
| Light distributor | Reflector |
| Colour consistency (McAdam ellipse) | SDCM3 |
| Light outlet | Direct/indirect |
| Direct-/indirect proportion separately controllabl | Yes |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 5500 lm |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 5500 lm |
| Effective luminous flux (lm) | 5500 lm |
| Colour of light (alphanumeric) | White |
| Colour temperature (min) (K) | 3000 K |
| Colour temperature (max) (K) | 3000 K |
| Colour rendering index (CRI/Ra) | 80-89 |
| Unified Glare Rating (UGR) | 19 |
| Flickering value Pst LM | 1 |
| Stroboscope effect value SVM | 0.4 |
| Colour temperature switchable | No |
| Lumen setting adjustable | No |
| Beam angle adjustable | No |

| Lifetime and capacity | |
|---|---|
| Rated life time L70/B50 at 25 °C (h) | 100000 h |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90 % |
| Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 85 % |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 5 % |
| Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%) | 10 % |

| Measurements | |
|---|---|
| Width (mm) | 140 mm |
| Height/depth (mm) | 60 mm |
| Length (mm) | 1245 mm |