

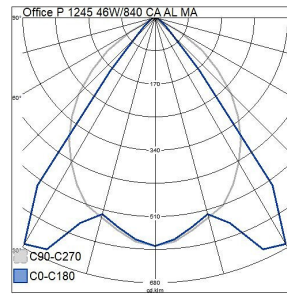


# Office P

## 1245 46W/840 CA AL MA WH P

The suspension-mounted Office P is an energy-efficient office luminaire range with a downlight. This extensive range offers numerous customisation options. 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 l/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 P Suspension luminaire 46W 4000K 5500lm Dim programmable; IP20; IK02; Protection cl. I; L80B10 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 3x1mm<sup>2</sup>; Housing Steel; Colour wh; Cover Plastic matt/satinized



| 1245 46W/840 CA AL MA WH P |           |     |                |
|----------------------------|-----------|-----|----------------|
| PRODUCT CODE               | CODE      | KG  | PRODUCT FAMILY |
| A10FBD-CA                  | A10FBD-CA | 2.7 | Office P       |

| 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) (mm <sup>2</sup> )                     | 1.5    |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5    |
| Number of poles                                                                  | 3      |
| Conductor cross section (mm <sup>2</sup> )                                       | 1      |
| 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                    |
| Pendant length (max) (mm)                                                    | 2000                   |

| Dimming and control                       |         |
|-------------------------------------------|---------|
| Dimmable                                  | Yes     |
| 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                      | Yes     |
| 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                       | No      |
| With movement sensor                      | No      |
| With presence indicator                   | No      |
| With light sensor                         | No      |
| Constant luminous flux control            | Yes     |
| Compatible with Apple HomeKit             | No      |
| Compatible with Google Assistant          | No      |
| Compatible with Amazon Alexa              | No      |
| Compatible with Casambi                   | Yes     |
| IFTTT support available                   | No      |
| Bluetooth operated                        | Yes     |
| Wireless lighting control                 | Casambi |

| Photometric data                                           |           |
|------------------------------------------------------------|-----------|
| Light distributor                                          | Reflector |
| Light sharing                                              | Symmetric |
| Colour consistency (McAdam ellipse)                        | SDCM3     |
| Light outlet                                               | Direct    |
| Direct-/indirect proportion separately controllabl         | No        |
| Rated luminous flux according to IEC 62722-2- 1 (min) (lm) | 5500      |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 5500      |
| Effective luminous flux (lm)                               | 5500      |
| Colour of light (alphanumeric)                             | White     |
| Colour temperature (min) (K)                               | 4000      |
| Colour temperature (max) (K)                               | 4000      |
| 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 |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 90     |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 5      |

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

| Electrotechnical data                   |                                         |
|-----------------------------------------|-----------------------------------------|
| Voltage type                            | AC                                      |
| Nominal voltage (min) (V)               | 220                                     |
| Nominal voltage (max) (V)               | 240                                     |
| Nominal current (min) (mA)              | 800                                     |
| Nominal current (max) (mA)              | 800                                     |
| Type of control gear                    | LED operating device current-controlled |
| Protection class according to IEC 61140 | I                                       |
| Luminaire efficacy (min) (lm/W)         | 120                                     |
| Luminaire efficacy (max) (lm/W)         | 120                                     |
| Suitable for lamp power (min) (W)       | 46                                      |
| Suitable for lamp power (max) (W)       | 46                                      |
| Maximum system power (W)                | 46                                      |
| Luminaire efficacy (lm/W)               | 120                                     |
| Power factor                            | 0.9                                     |