

# Office P

1545 58W/TW CA AL MA WH P

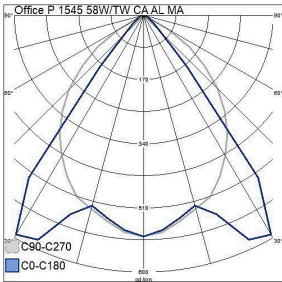
Suspension luminaire

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 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 P Suspension luminaire 58W 2700K-6500K 7000lm Dim programmable; IP20; IK02; Protection cl. I; L80B10 100000h; LED not exchangeable; Lamp included; CRI>80; SDCM3; Ending; 3x1mm²; Housing Steel; Colour wh; Cover Plastic matt/satinized

Stocked: No

| 1545 58W/TW CA AL MA WH P |           |    |                |
|---------------------------|-----------|----|----------------|
| PRODUCT CODE              | CODE      | KG | PRODUCT FAMILY |
|                           | A1OFBL-CA | 3  | Office P       |



## 1545 58W/TW CA AL MA WH P

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) (mm <sup>2</sup> )                     | 1.5 mm <sup>2</sup>    |
| Connectable conductor cross section (max) (mm <sup>2</sup> )                     | 2.5 mm <sup>2</sup>    |
| Number of poles                                                                  | 3                      |
| Conductor cross section (mm <sup>2</sup> )                                       | 1 mm <sup>2</sup>      |
| 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                                   |
| Nominal current (min) (mA)              | 700 mA                                  |
| Nominal current (max) (mA)              | 700 mA                                  |
| 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)       | 58 W                                    |
| Suitable for lamp power (max) (W)       | 58 W                                    |
| Maximum system power (W)                | 58 W                                    |
| Luminaire efficacy (lm/W)               | 120 lm/W                                |
| Power factor                            | 0.9                                     |

| 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 |

| 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) | 7000 lm               |
| Rated luminous flux according to IEC 62722-2- 1 (max) (lm) | 7000 lm               |
| Effective luminous flux (lm)                               | 7000 lm               |
| Colour of light (alphanumeric)                             | White                 |
| Colour temperature (min) (K)                               | 2700 K                |
| Colour temperature (max) (K)                               | 6500 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                              | Continuously variable |
| 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)       | 1545 mm |