

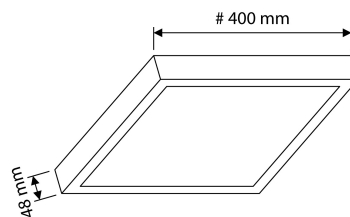
LED Pro-Ceiling 400x400 mm (surface mount)

# 40001845

EAN: 8721063000289

### THE WARMTH OF DECORATIVE LIGHTING COMBINED WITH A SOPHISTICATED, MODERN DESIGN

The Prolumia Pro-Ceiling series are unique in their design. They combine the warmth of decorative lighting with the refinement of a high-end, contemporary luminaire. Available in round, square or rectangular shapes and various sizes for recessed or surface mounted installation onto wall or ceiling. Pro-Ceiling has a lifespan of more than 50.000 hours, the luminaire comes with an integrated power supply and offers ease of installation.



### PRODUCT FEATURES

|  |   |   |                        |
|--|---|---|------------------------|
| Suitable for wall mounting                     | ✓                                       | Suitable for number of light sources                                      | 1                      |
| Suitable for wall mounting                     | ✓                                       | LED nominal current at constant current                                   | 700 1050 Milliampere   |
| Suitable for suspended mounting                | ✗                                       | Nominal voltage   | 220 240 Volt           |
| Suitable for ceiling mounting                  | ✓                                       | Nominal current   | 700 1050 Milliampere   |
| Suitable for built-in mounting                 | ✗                                       | Rated lifetime L80/B50 at 25 °C   | 99000 Hour             |
| Suitable for surface mounting                  | ✓                                       | Rated lifetime L70/B50 at 25 °C   | 157000 Hour            |
| Suitable for light line configuration          | ✗                                       | Rated life time L70/B10 at 25 °C  | 110000 Hour            |
| Suitable for workplace according to EN 12464-1 | ✗                                       | Lumen maintenance at median useful life of 35,000 h at 25 °C ambient (tq) | 92 Percentage          |
| Lamp type                                      | LED not exchangeable                    | Lumen maintenance at median useful life of 50,000 h at 25 °C ambient (tq) | 89 Percentage          |
| With light source                              | ✓                                       | Lumen maintenance at median useful life of 75,000 h at 25 °C ambient (tq) | 83 Percentage          |
| Lamp holder                                    | Other                                   | Failure rate at median useful life of 35,000 h at 25 °C ambient (tq)      | 0 Percentage           |
| Housing material                               | Aluminium                               | Failure rate at median useful life of 50,000 h at 25 °C ambient (tq)      | 0 Percentage           |
| Surface protection housing                     | Powder coating                          | Rated life time L80/B10 at 25 °C  | 70000 Hour             |
| Housing colour                                 | Black                                   | Rated life time L90/B10 at 25 °C  | 35000 Hour             |
| Material cover                                 | Plastic, opal                           | Failure rate at median useful life of 75,000 h at 25 °C ambient (tq)      | 0 Percentage           |
| Type of grid                                   | None                                    | Rated life time L90/B50 at 25 °C  | 48000 Hour             |
| Voltage type                                   | AC                                      | Max. number of luminaires per miniature circuit breaker B16 (MCB)         | 7                      |
| Type of control gear                           | LED operating device current-controlled | Max. number of luminaires per miniature circuit breaker C16 (MCB)         | 12                     |
| With control gear                              | ✓                                       | Rated ambient temperature according to IEC 62722-2-1                      | -10 40 Degrees celsius |
| Exchangeable control gear                      | ✓                                       | Luminaire efficacy  | 101 Lumen/Watt         |
| Dimmable                                       | ✓                                       | Rated luminous flux according to IEC 62722-2-1                            | 4500 Lumen             |
| Dimming 0-10 V                                 | ✗                                       | Suitable for lamp power   | 26.2 39.3 Watt         |
| Dimming 1-10 V                                 | ✗                                       | Luminaire efficacy  | 101 101 Lumen/Watt     |
| Dimming DALI                                   | ✗                                       | Max. system power   | 40 Watt                |

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(continuation)

|  |                           |   |                       |
|--|---------------------------|---|-----------------------|
| Dimming DALI-2   | ✗                         | Rated luminous flux according to IEC 62722-2- 1 | 2650 3950 Lumen       |
| Dimming DMX  | ✗                         | Colour temperature                              | 2700 4000 Kelvin      |
| Dimming GPRS   | ✗                         | Flickering value Pst LM                         | 0.01                  |
| Dimming LineSwitch   | ✗                         | Power factor                                    | 0.92                  |
| Dimming DSI  | ✗                         | Stroboscope effect value SVM                    | 0.4                   |
| Dimming manufacturer's proprietary system  | ✗                         | Width   | 400 Millimetre        |
| Dimming mains voltage modulation   | ✗                         | Height/depth                                    | 48 Millimetre         |
| Dimming phase cut-off (trailing edge)  | ✓                         | Length  | 400 Millimetre        |
| Dimming phase cut-on (leading edge)  | ✓                         | Total harmonic distortion                       | 20                    |
| Dimming programmable   | ✗                         | Number of poles                                 | 2                     |
| Dimming potentiometer (integrated)   | ✗                         | Conductor cross section                         | 2.5 Square millimetre |
| Dimming RF   | ✗                         | Unified Glare Ratio (UGR)                       | 22                    |
| Dimming Sine Wave Reduction  | ✗                         |   |                       |
| Dimming Touch and Dim  | ✗                         |   |                       |
| Dimming Zigbee   | ✗                         |   |                       |
| Dimming with push-button   | ✗                         |   |                       |
| No dim function  | ✗                         |   |                       |
| Dimming depending on control gear  | ✓                         |   |                       |
| Light distributor  | Diffuser lens/optic/panel |   |                       |
| Light distribution   | Symmetric                 |   |                       |
| Beam angle   | > 80° - Extreme wide beam |   |                       |
| Colour consistency (McAdam ellipse)  | SDCM4                     |   |                       |
| Light outlet   | Direct                    |   |                       |
| Energy efficiency class of the light source according to EU regulation 2019/2015 | C                         |   |                       |
| Energy efficiency class of the built-in lamp                                     | Other                     |   |                       |
| Power supply energy efficiency index (EEI)                                       | Other                     |   |                       |
| Energy efficiency class of the provided exchangeable built-in lamp               | C                         |   |                       |
| Degree of protection (IP)  | IP40                      |   |                       |
| Degree of protection (NEMA)  | 3                         |   |                       |
| Impact strength  | IK08                      |   |                       |
| Protection class according to IEC 61140  | II                        |   |                       |
| Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24  | ✗                         |   |                       |
| Emergency power supply integrated  | ✗                         |   |                       |
| Suitable for emergency lighting  | ✗                         |   |                       |
| With movement sensor   | ✗                         |   |                       |
| With light sensor  | ✗                         |   |                       |
| Covering of the luminaire with thermally insulating material possible            | ✗                         |   |                       |
| With air slots   | ✗                         |   |                       |
| Filament test according to IEC 60695-2-11  | 650 °C - 30 s             |   |                       |
| Colour of light according to EN 12464-1  | Neutral white 3300-5300 K |   |                       |
| Colour of light  | White                     |   |                       |
| Colour rendering index CRI   | 80-89                     |   |                       |
| Constant light output (CLO)  | ✗                         |   |                       |
| Type of wiring   | Ending                    |   |                       |
| Connection type  | Push-in clamp             |   |                       |
| Photobiological safety according to EN 62471                                     | RG1                       |   |                       |
| Colour of light adjustable   | Positions                 |   |                       |

## LED Pro-Ceiling

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(continuation)

|   |           |
|---|-----------|
| Luminous flux adjustable  | Positions |
| Beam angle adjustable   | No        |
| Operation by Bluetooth  | ✘         |
| Compatible with Casambi   | ✘         |
| Compatible with Apple HomeKit   | ✘         |
| Compatible with Google Assistant                                      | ✘         |
| Compatible with Amazon Alexa  | ✘         |
| IFTTT support available   | ✘         |
| Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25 °C) | ✘         |