

Lumi

320 IP44 12W/840 PIR MS PCO WH

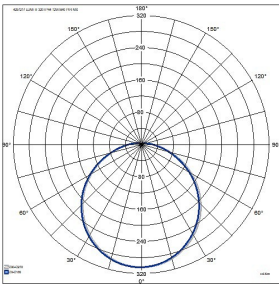
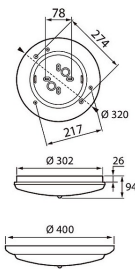
Sensor luminaire

The Lumi IP44 general lighting range is suitable for indoor wall and ceiling mounting in public spaces and residential properties. It is designed for corridors, staircases and bathrooms. These impact-resistant luminaires are suitable for surface and semi-recessed mounting, with a installation bracket included in the delivery. They are quick and easy to install, thanks to the bayonet fittings and LED lamps, which are located on the luminaire edge. Lumi series includes Radar 10-100 and Pir models. The luminaire with a screwless connector is suitable for surface wiring and linking. A white decorative frame is available as an accessory.

Lumi Sensor luminaire 12W 4000K 1000lm PIR M-S; IP44; IK10; Protection cl. II; L70B50 35000h; LED not exchangeable; CRI>80; SDCM5; Suitable for through wiring; 4x2.5mm²; Housing Plastic; Colour wh; Cover Plastic, opal; Movement sensor; C16 max. 92

Stocked: Yes

| 320 IP44 12W/840 PIR MS PCO WH |         |      |                |
|--------------------------------|---------|------|----------------|
| PRODUCT CODE                   | CODE    | KG   | PRODUCT FAMILY |
| 4297217                        | 4297217 | 0.85 | Lumi           |



## 320 IP44 12W/840 PIR MS PCO WH

EC002892 Ceiling / wall luminaire

| Mounting                                                                         |                             |
|----------------------------------------------------------------------------------|-----------------------------|
| Suitable for wall mounting                                                       | Yes                         |
| Suitable for suspended mounting                                                  | No                          |
| Suitable for ceiling mounting                                                    | Yes                         |
| Suitable for recessed mounting                                                   | Yes                         |
| Suitable for surface mounting                                                    | Yes                         |
| Suitable for light line configuration                                            | No                          |
| Suitable for clamp-mounting                                                      | No                          |
| Fit for workplace acc. EN 12464-1                                                | No                          |
| Degree of protection (IP)                                                        | IP44                        |
| Degree of protection (IP), rear side                                             | IP44                        |
| Degree of protection (IP), front side                                            | IP44                        |
| Max. number of luminaires per miniature circuit breaker C10 (MCB)                | 61                          |
| Max. number of luminaires per miniature circuit breaker B16                      | 61                          |
| Max. number of luminaires per miniature circuit breaker C16                      | 92                          |
| Impact strength                                                                  | IK10                        |
| 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                        |
| Luminaire may be covered with thermally insulating material                      | No                          |
| Type of wiring                                                                   | Suitable for through wiring |
| Number of poles                                                                  | 4                           |
| Conductor cross section (mm <sup>2</sup> )                                       | 2.5 mm <sup>2</sup>         |
| Connection type                                                                  | Screwless terminal          |
| 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>         |

| Structure                                                                    |                                         |
|------------------------------------------------------------------------------|-----------------------------------------|
| With mounting material                                                       | Yes                                     |
| Lamp type                                                                    | LED not exchangeable                    |
| Light source included                                                        | Yes                                     |
| Suitable for number of lamps                                                 | 1                                       |
| Lamp holder                                                                  | Other                                   |
| Housing material                                                             | Plastic                                 |
| Housing surface protection                                                   | Plastic-coated                          |
| Housing colour                                                               | White                                   |
| Cover material                                                               | Plastic, opal                           |
| Type of grid                                                                 | White                                   |
| Control gear included                                                        | Yes                                     |
| Exchangeable control gear                                                    | Yes                                     |
| Energy efficiency class of light source according to EU regulation 2019/2015 | E                                       |
| Containing product according to 2019/2020/EU                                 | Yes                                     |
| Emergency power supply system                                                | None                                    |
| Emergency power supply integrated                                            | No                                      |
| With switch                                                                  | No                                      |
| With air slots                                                               | No                                      |
| Filament test according to IEC 60695-2-11                                    | 650 °C - 30 s                           |
| Electrotechnical data                                                        |                                         |
| Voltage type                                                                 | AC                                      |
| Nominal voltage (min) (V)                                                    | 220 V                                   |
| Nominal voltage (max) (V)                                                    | 240 V                                   |
| Nominal current (min) (mA)                                                   | 250 mA                                  |
| Nominal current (max) (mA)                                                   | 250 mA                                  |
| Type of control gear                                                         | LED operating device current-controlled |
| Protection class according to IEC 61140                                      | II                                      |
| Suitable for lamp power (min) (W)                                            | 12 W                                    |
| Suitable for lamp power (max) (W)                                            | 12 W                                    |
| Luminaire efficacy (min) (lm/W)                                              | 83 lm/W                                 |
| Luminaire efficacy (max) (lm/W)                                              | 83 lm/W                                 |
| Maximum system power (W)                                                     | 12 W                                    |
| Luminaire efficacy (lm/W)                                                    | 83 lm/W                                 |
| Power factor                                                                 | 0.9                                     |
| Total harmonic distortion (THD) (%)                                          | 20 %                                    |
| Total harmonic distortion                                                    | 20 THD                                  |

| 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 LineSwitch                           | No               |
| Dimming manufacturer's proprietary system    | No               |
| Dimming mains voltage modulation             | No               |
| Dimming trailing edge                        | No               |
| Dimming leading edge                         | No               |
| Dimming programmable                         | No               |
| Dimming potentiometer (integrated)           | No               |
| Dimming RF                                   | No               |
| Dimming Sine Wave Reduction                  | No               |
| Dimming Touch and Dim                        | No               |
| Dimming Zigbee                               | No               |
| Dimming with push-button                     | No               |
| No dimming function                          | Yes              |
| With presence indicator                      | Yes              |
| With movement sensor                         | Yes              |
| Movement sensor/presence detector technology | Passive infrared |
| With light sensor                            | Yes              |
| Constant luminous flux control               | No               |
| Bluetooth operated                           | No               |
| Compatible with Casambi                      | No               |
| Compatible with Apple HomeKit                | No               |
| Compatible with Google Assistant             | No               |
| Compatible with Amazon Alexa                 | No               |
| IFTTT support available                      | No               |

| Photometric data                                          |                           |
|-----------------------------------------------------------|---------------------------|
| Light distributor                                         | Diffuser lens/optic/panel |
| Light sharing                                             | Symmetric                 |
| Beam angle                                                | Open beam                 |
| Colour consistency (McAdam ellipse)                       | SDCM5                     |
| Light outlet                                              | Direct                    |
| Rated luminous flux according to IEC 62722-2-1 (min) (lm) | 1000 lm                   |
| Rated luminous flux according to IEC 62722-2-1 (max) (lm) | 1000 lm                   |
| Colour of light (alphanumeric)                            | White                     |
| Effective luminous flux (lm)                              | 1000 lm                   |
| Colour temperature (min) (K)                              | 4000 K                    |
| Colour temperature (max) (K)                              | 4000 K                    |
| Flickering value Pst LM                                   | 1                         |
| Colour rendering index (CRI/Ra)                           | 80-89                     |
| Stroboscope effect value SVM                              | 0.4                       |
| Photobiological safety according to EN 62471              | RG0                       |
| Unified Glare Rating (UGR)                                | 22                        |
| Colour temperature switchable                             | No                        |
| Lumen setting adjustable                                  | No                        |
| Beam angle adjustable                                     | No                        |

| Lifetime and capacity                                                           |         |
|---------------------------------------------------------------------------------|---------|
| Rated life time L70/B50 at 25 °C (h)                                            | 50000 h |
| Rated life time L80/B50 at 25 °C                                                | 35000 h |
| Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%) | 80 %    |
| Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%) | 70 %    |
| Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)      | 10 %    |
| Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)      | 10 %    |
| Rated ambient temperature acc. IEC62722-2-1 (min) (°C)                          | 0 °C    |
| Rated ambient temperature acc. IEC62722-2-1 (max) (°C)                          | 25 °C   |

| Measurements               |        |
|----------------------------|--------|
| Width (mm)                 | 320 mm |
| Height/depth (mm)          | 94 mm  |
| Length (mm)                | 320 mm |
| Outer diameter (mm)        | 320 mm |
| Built-in width (mm)        | 300 mm |
| Built-in height/depth (mm) | 26 mm  |
| Built-in diameter (mm)     | 300 mm |