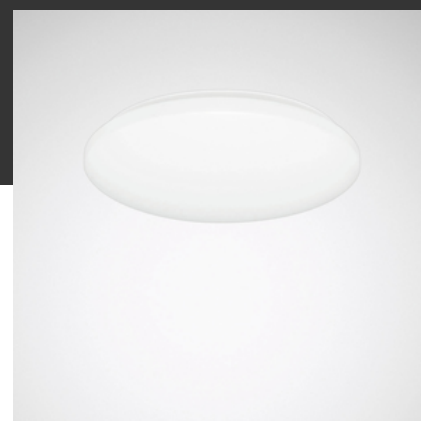
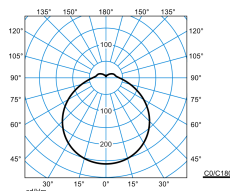
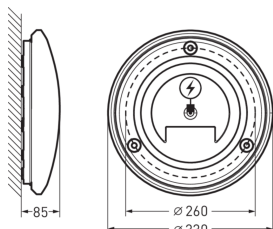


2340 G2 WD1 LED 14/08/ML-8MC ET+HFS

LED wall and ceiling luminaire

TOC: 7790240



Product description

Luminaire type

Round surface-mounted LED luminaire with polystyrene diffuser.

Light management

With integrated HF motion sensor.

Applications

For entrance areas, corridors, stairways, lounges, hotels, restaurants and residential zones.

Mounting methods

For wall or ceiling mounting. Secure diffuser fixing with bayonet fixing mechanism.

Optical system

Round, opal diffuser, spherical construction. With Lambertian light distribution.

LED system

Luminaire luminous flux and light color adjustable in 4 levels (Multilumen, Multicolour). Luminaire luminous flux 760 lm - 1400 lm, connected load 9 W - 14 W, Power Faktor $\lambda > 0,9$, maximum luminous efficiency of luminaire 100 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 5 SDCM. Mean rated service life L70 ($t_{q \ 25 \text{ °C}}$) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020).

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Diameter of diffuser Ø 330 mm, luminaire height 85 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Permissible ambient temperature (t_a): 25 °C Weight: 0,9 kg.

Electrical version

With electronic transformer, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is also ENEC-certified by an independent testing authority.

Product features and key data

| | | |
|---------------------------------|--|----------|
| Applications | Entrance areas Corridors Stairways Recreation rooms Hotels and restaurants Residential areas | |
| Luminaire type | Round surface-mounted LED luminaire with polystyrene diffuser. | |
| Mounting method | Surface-mounting | |
| Luminaire optic | Round, opal diffuser, spherical construction. | |
| Light distribution curve | Lambertian (L) | |
| FWHM | 122,60 ° | |
| Light Engine | Level 3 | Level 2 |
| Colour temperature | 3000 K | 4000 K |
| Rated luminous flux | 760 lm | 1400 lm |
| Connected load | 9,00 W | 14,00 W |
| Luminous efficacy | 84 lm/W | 100 lm/W |
| Rated service life | L70 (25 °C) = 50.000 h | |

Product features and key data

| | |
|--------------------------------|--|
| Colour rendering index | 80 |
| Colour tolerance | 5 SDCM |
| Photobiological class | Group 0 - no risk |
| Luminaire colour | RAL9016 Traffic white |
| Luminaire body | Luminaire body of aluminium. |
| Electrical version | With electronic transformer, switchable. |
| Wire diameter | 1,50 mm² |
| Connection method | Plug-in terminal |
| Mains voltage | 220 - 240 V |
| Mains frequency | 50/60 Hz |
| Total harmonic distortion < % | 14 % |
| Ingress Protection (IP) rating | IP20 |
| Protection class | I |
| Impact resistance (IK) | IK02 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 19 |
| Max. Luminaires B16 | 30 |
| Max. Luminaires C10 | 31 |
| Max. Luminaires C16 | 51 |
| Net height | 85 mm |
| Outside diameter | 330 mm |
| Weight | 0,9 kg |

Light Engine Data

| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
|--------------|-------------------|---------------------|------------------------|-------------------|
| Level 3 | 3000 K | 760 lm | 9,00 W | 84 lm/W |
| Level 4 | 3000 K | 1300 lm | 14,00 W | 93 lm/W |
| Level 1 | 4000 K | 800 lm | 9,00 W | 89 lm/W |
| Level 2 | 4000 K | 1400 lm | 14,00 W | 100 lm/W |

EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| D | MCL-D330-12W G1 |

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