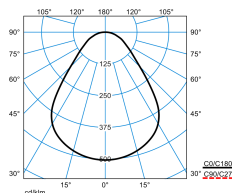
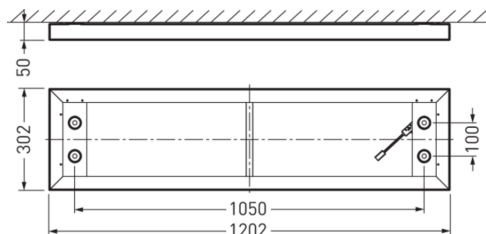


2350 G4 D2 PW19 4000-8MC ETDD

LED surface-mounted luminaire

TOC: 8537451



Product description

Luminaire type

Surface-mounted LED ceiling luminaire with translucent PMMA cover.

Applications

Offices, Corridors, Foyers, Conference rooms, Retail areas, waiting zones, Education, Care homes.

Mounting methods

For ceiling mounting indoors.

Optical system

Cover of translucent PMMA with photometrically effective prism structure. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19.

LED system

Luminaire luminous flux and light color fixed. Luminaire luminous flux 4000 lm - 4000 lm, connected load 36 W - 36 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 111 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 °C) = 50,000 h.

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W): 1202 mm x 302 mm, luminaire height 50 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: 3,6 kg.

Electrical version

With electronic control gear unit, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). 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.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

Product features and key data

| | | |
|---------------------------------|--|----------|
| Applications | Offices Banks Foyers Sales rooms Ticket halls Exhibition rooms Educational rooms | |
| Luminaire type | Surface-mounted LED ceiling luminaire with translucent PMMA cover. | |
| Mounting method | Surface-mounting | |
| Luminaire optic | Cover of translucent PMMA with photometrically effective prism structure. | |
| Light distribution curve | Wide reduced glare UGR19 (W19) | |
| FWHM | 82,20 ° | |
| Light Engine | Level 2 | Level 1 |
| Colour temperature | 3000 K | 4000 K |
| Rated luminous flux | 3800 lm | 4000 lm |
| Connected load | 36,00 W | 36,00 W |
| Luminous efficacy | 106 lm/W | 111 lm/W |

Product features and key data

| | |
|--------------------------------|---|
| Rated service life | L70 (25 °C) = 50.000 h |
| Colour rendering index | 80 |
| Colour tolerance | 4 SDCM |
| Photobiological class | Group 0 - no risk |
| Luminaire colour | RAL9016 Traffic white |
| Luminaire body | Luminaire body of aluminium. |
| Electrical version | With electronic control gear unit, digitally dimmable (DALI). |
| DALI-2-Standard EN 62386 | Yes |
| Wire diameter | 1,50 mm² |
| Connection method | Plug-in terminal |
| Touch-Dim-capable | Yes |
| Number of DALI addresses | 1 |
| Dimming range | 5 - 100 % |
| 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 | 7 |
| Max. Luminaires B16 | 12 |
| Max. Luminaires C10 | 12 |
| Max. Luminaires C16 | 20 |
| Net length | 1.202 mm |
| Net width | 302 mm |
| Net height | 50 mm |
| Weight | 3,6 kg |

Light Engine Data

| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
|--------------|-------------------|---------------------|------------------------|-------------------|
| Level 2 | 3000 K | 3800 lm | 36,00 W | 106 lm/W |
| Level 1 | 4000 K | 4000 lm | 36,00 W | 111 lm/W |

EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| C | S10342759-1 |

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