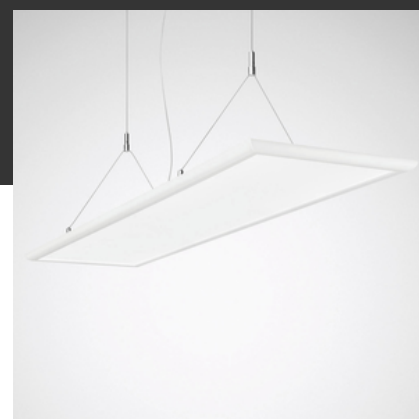
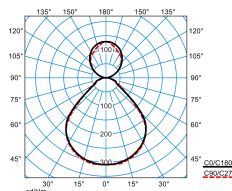
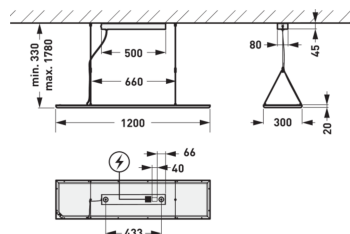


2360 G2 H1 PW19-IL 4400-8MC ETDD

TOC: 8909151



Product description

Luminaire type

LED suspended luminaire with translucent PMMA cover. Suspended luminaire for single luminaire applications.

Light management

The luminaire is DALI-dimmable and can be integrated into the TRILUX LiveLink light management system.

Mounting methods

Y wire suspension for suspension lengths to 1450 mm. Y-wire suspension and electric connection cable included in scope of supply.

Optical system

With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \leq 3000 \text{ cd/}^2$ for beam angle above 65° all-round.

LED system

Luminaire luminous flux and light color fixed. Luminaire luminous flux 4400 lm, connected load 40 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 110 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) $\leq 5 \text{ SDCM}$. Rated service life L70/B50 ($t_q 25 \text{ }^\circ\text{C}$) = 50,000 h.

Luminaire body

Luminaire body of extruded aluminium profile. Surface coated white (similar to RAL 9016). Dimensions (L x W): 1200 mm x 300 mm, luminaire height 20 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: 5,5 kg.

Electrical version

With external operating device, 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

| | | |
|---------------------------------|--|----------|
| Luminaire type | LED suspended luminaire with translucent PMMA cover. | |
| Mounting method | Suspension | |
| Light distribution curve | Wide reduced glare UGR19 (W19) | |
| FWHM | 94 ° | |
| Light Engine | Level 1 | Level 2 |
| Colour temperature | 3000 K | 4000 K |
| Rated luminous flux | 4100 lm | 4400 lm |
| Connected load | 34,00 W | 34,00 W |
| Luminous efficacy | 121 lm/W | 129 lm/W |
| Rated service life | L70 (25 °C) = 50.000 h | |
| Colour rendering index | 80 | |
| Colour tolerance | 3 SDCM | |

Product features and key data

| | |
|--------------------------------|---|
| Photobiological class | Group 0 - no risk |
| Luminaire colour | RAL9016 Traffic white |
| Luminaire body | Luminaire body of extruded aluminium profile. |
| Connection method | Plug-in terminal |
| Touch-Dim-capable | Yes |
| Mains voltage | 220 - 240 V |
| Mains frequency | 0/50/60 Hz |
| Total harmonic distortion < % | 14 % |
| Ingress Protection (IP) rating | IP20 |
| Protection rating on room side | IP20 |
| Protection class | I |
| Impact resistance (IK) | IK02 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 9 |
| Max. Luminaires B16 | 14 |
| Max. Luminaires C10 | 14 |
| Max. Luminaires C16 | 23 |
| Net length | 1.200 mm |
| Net width | 300 mm |
| Net height | 20 mm |
| Weight | 5,5 kg |

Light Engine Data

| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
|--------------|-------------------|---------------------|------------------------|-------------------|
| Level 1 | 3000 K | 4100 lm | 34,00 W | 121 lm/W |
| Level 2 | 4000 K | 4400 lm | 34,00 W | 129 lm/W |

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