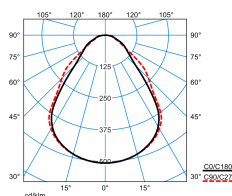
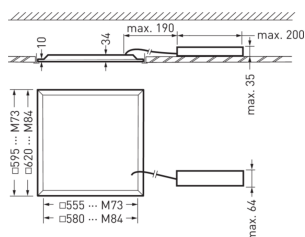


2330 G3 M73 PW19 36/29/ML-830 ET

Recessed LED luminaire

TOC: 7632040



Product description

Luminaire type

Square recessed LED ceiling luminaire with prismatic PMMA cover. Version M73 (600 mm x 600mm).

Applications

Offices, Corridors, Foyers, Conference rooms, Retail areas, waiting zones.

Mounting methods

For system ceilings with exposed grids.

Optical system

PMMA cover with microprisms. With symmetric limited wide light distribution. beam angle 81°. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \leq 3000 \text{ cd/m}^2$ for beam angle above 65° all-round. Harmonious light effect due to homogeneously illuminated light emission.

LED system

Luminaire luminous flux adjustable in 2 steps (Multilumen). Luminaire luminous flux 2800 lm - 3400 lm, connected load 24 W - 31 W, Power Factor $\lambda > 0,95$, maximum luminous efficiency of luminaire 117 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) $\leq 5 \text{ SDCM}$. Mean rated service life L70 ($t_q 25^\circ\text{C}$) = 50,000 h.

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W): 595 mm x 595 mm, luminaire height 65 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, Protection rating on room side: IP40, 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: 2,0 kg.

Electrical version

With electronic control gear unit, 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.

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

Product features and key data

| | | |
|---------------------------------|---|----------|
| Applications | offices corridors foyers conference rooms sales rooms waiting zones | |
| Luminaire type | Square recessed LED ceiling luminaire with prismatic PMMA cover. | |
| Mounting method | Recessed | |
| Luminaire optic | PMMA cover with microprisms. | |
| Light distribution curve | Wide reduced glare UGR19 (W19) | |
| FWHM | 80,60 ° | |
| Light Engine | Level 1 | Level 2 |
| Colour temperature | 3000 K | 3000 K |
| Rated luminous flux | 2800 lm | 3400 lm |
| Connected load | 24,00 W | 31,00 W |
| Luminous efficacy | 117 lm/W | 110 lm/W |

Product features and key data

| | |
|--------------------------------|--|
| Rated service life | L70 (25 °C) = 50.000 h |
| 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 control gear unit, 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 rating on room side | IP40 |
| Protection class | I |
| Impact resistance (IK) | IK02 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 31 |
| Max. Luminaires B16 | 50 |
| Max. Luminaires C10 | 52 |
| Max. Luminaires C16 | 85 |
| Net length | 595 mm |
| Net width | 595 mm |
| Net height | 65 mm |
| Recess length | 595 mm |
| Recess width | 595 mm |
| Recess depth | 190 mm |
| Weight | 2,0 kg |

Light Engine Data

| Light Engine | Color temperature | Rated light current | Power supply value Typ | Luminous efficacy |
|--------------|-------------------|---------------------|------------------------|-------------------|
| Level 1 | 3000 K | 2800 lm | 24,00 W | 117 lm/W |
| Level 2 | 3000 K | 3400 lm | 31,00 W | 110 lm/W |

EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| D | S10229194A |

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