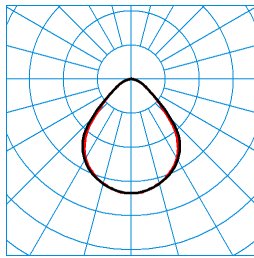




Product features and key data


| | |
|--|---|
| Luminaire type | Rectangular recessed LED luminaire with full-surface, borderless PMMA cover. |
| Mounting method | Recessed |
| Luminaire optic | With an internal microprismatic cover and an opal PMMA cover smooth on room side. |
| Connected load | 37 W |
| Colour temperature | 4.000 K |
| Rated luminous flux | 4.700 lm |
| Luminous efficacy | 127 lm/W |
| Interchangeability lightsource | Yes - interchangeable |
| Service life | L80 (25 °C) = 50.000 h |
| Colour rendering index | 80 |
| Colour tolerance | 3 SDCM |
| Photobiological class | Group 0 - no risk |
| Luminaire colour | RAL9016 Traffic white |
| Electrical version | With electronic transformer, digitally dimmable (DALI). |
| DALI-2-Standard EN 62386 | Yes |
| Connection method | Plug-in terminal |
| Touch-Dim-capable | Yes |
| Dimming range | 1 - 100 % |
| Monitoring Ready | On request |
| Mains frequency | 50/60 Hz |
| Mains voltage | 220 - 240 V |
| Total harmonic distortion < % | 14 % |
| Ingress Protection (IP) rating | IP20 |
| Protection rating on room side | IP20 |
| Protection rating of lamp compartment | IP40 |
| Protection class | I |
| Impact resistance (IK) | IK03 |
| Hot wire resistance | 650 °C |
| Ambient temperature | 25 °C |
| Max. Luminaires B10 | 13 |
| Max. Luminaires B16 | 24 |
| Max. Luminaires C10 | 24 |
| Max. Luminaires C16 | 40 |
| Net length | 1.497 mm |
| Net width | 184 mm |
| Net height | 90 mm |
| Recess length | 1.480 mm |
| Recess width | 167 mm |
| Recess depth | 160 mm |
| Weight | 6,0 kg |

light distribution curve

**Opendo M38 PW19 47-840 ETDD+LLWM
TX377075**

 CO - C180
 C90 - C270

 UGR I = 18,3
 UGR q = 18,8
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 90 98 99 100 14 43 71 1

Available accessories

| Material | Description |
|--|---|
| diff.vac plug 3604PSH/... vp 2881100 | Tool for removing the cover from the luminaire body |
|  Creavo/ Opendo ZBB 1144900 | 1 set suspension material, rapid mounting swivel brackets |

Offer text

Rectangular recessed LED luminaire with full-surface, borderless PMMA cover. Version M38 (185 mm x 1500 mm). With an internal microprismatic cover and an opal PMMA cover smooth on room side. With symmetric wide light intensity distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \leq 3000 \text{ cd/m}^2$ for beam angle above 65° all-round. Luminaire luminous flux 4700 lm, connected load 37,00 W, luminous efficiency of luminaire 127 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L80(t_{q 25^\circ\text{C}}) = 50,000 \text{ h}$. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body of sheet steel, powder-coated white (RAL 9016). Dimensions (L x W): 1497 mm x 184 mm, luminaire height 90 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650 °C. Weight: 6,0 kg. With electronic transformer, 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 can be equipped with the Monitoring Ready (MOR) functionality on request. With integrated LiveLink WiFi control unit and LiveLink sensor for daylight-dependent control and presence detection as well as WLAN module for reliable commissioning and operation (WPA2 encryption). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

EPREL ID

 C: SI-B8T15B56CEU
 C: SI-B8T07B28CEU