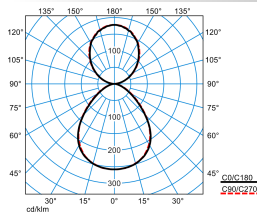








Product features and key data

| | |
|---|--|
| Applications | banks offices reception areas Prestigious office lighting |
| Luminaire type | Exclusive rectangular suspended LED luminaire with rounded corners and visible light edge. |
| Mounting method | Suspension |
| Luminaire optic | With inner CDP-I microprismatics. |
| Light distribution curve | Wide reduced glare UGR19 (W19) |
| Light Engine | standard product |
| Colour temperature | 3000 K |
| Rated luminous flux | 6300 lm |
| Connected load | 62,00 W |
| Luminous efficacy | 102 lm/W |
| Rated service life | L80 (25 °C) = 70.000 h L90 (25 °C) = 50.000 h |
| Colour rendering index | 80 |
| Colour tolerance | 3 SDCM |
| Photobiological class | Group 1 - no risk |
| Luminaire colour | RAL9016 Traffic white |
| Luminaire body | Luminaire body of extruded aluminium profile. End caps of die-cast aluminium. |
| Electrical version | With electronic transformer, digitally dimmable (DALI). |
| DALI-2-Standard EN 62386 | Yes |
| Connection method | Plug-in terminal |
| Number of DALI addresses | 5 |
| Dimming range | 1 - 100 % |
| Monitoring Ready | Yes |
| Mains voltage | 230 - 240 V |
| Mains frequency | 50/60 Hz |
| Total harmonic distortion < % | 14 % |
| Protection rating | IP20 |
| Protection class | I |
| Impact resistance (IK) | IK03 |
| Hot wire resistance | 650 °C |
| Ambient temperature | -20 - 25 °C |
| Max. Luminaires B10 | 13 |
| Max. Luminaires B16 | 20 |
| Max. Luminaires C10 | 20 |
| Max. Luminaires C16 | 34 |
| Net length | 1.200 mm |
| Net width | 200 mm |
| Net height | 45 mm |
| Weight | 9,0 kg |

light distribution curve

Lunexo H1 CDP-I 6500 830 ETDD +LLWM 01

UGR I = 14,8
 UGR q = 14,4
 DIN 5040: C53
 UTE: 0.55 C + 0.45 T
 DLOR: 55 %
 ULOR: 45 %
 CEN Flux Code: 61 88 98 55 100 50 81 96 45

Available accessories

| Material | Description |
|---|--|
|  ZAA/01 4601700 | Ceiling canopy, round. Colour white. |
|  ZAA/03 4601800 | Ceiling canopy, round. Colour silver-grey. |
|  ZAE/01 515 4691700 | Ceiling canopy for connection of the 5-pole mains cable in case of ceiling outlets. Square, white. |
|  ZAE/03 515 4691800 | Ceiling canopy for connection of the 5-pole mains cable in case of ceiling outlets. Square, silver-grey. |
|  ZAR/01 7002300 | Ceiling canopy, square, white. |
|  ZAR/03 7002400 | Ceiling canopy, square, silver grey. |

Offer text

Exclusive rectangular suspended LED luminaire with rounded corners and visible light edge. 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). Predefined room configurations (Use Cases) with all planning-relevant data enable simple, quick commissioning. Control of up to 64 DALI devices. Commissioning is carried out with the LiveLink Install commissioning app for tablet PCs. LiveLink sensor MSensor G3 PIR 5DPI for daylight-dependent control and presence detection. Constant light control with switch-off function with sufficient daylight. Passive infrared presence sensor, with high-sensitivity multi-segment pyro-sensors, settable switch-off delay time, optionally in automatic mode (automatic on, automatic off) or semi-automatic mode (automatic off, manual on). Special IQ mode for automatic adaptation of delay time to room use. Connection and electrical supply via the DALI interface of the LiveLink control unit. Number of occupied DALI devices: 5. Detection range: Ø 4,5 m, Mounting height 2,5 m - 5 m. Suspended luminaire for single luminaire applications. Suspended mounting via Y-wire suspension included in scope of supply. With inner CDP-I microprismatics. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. VDU workstation-compliant in accordance with 12464-1 Luminaire luminous flux and light color fixed. Luminaire luminous flux 6300 lm, connected load 62 W, maximum luminous efficiency of luminaire 102 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) ≤ 3 SDCM. Mean rated service life L80 (t_q 25 °C) = 70,000 h., Mean rated service life L90 (t_q 25 °C) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load. Luminaire body of extruded aluminium profile. End caps of die-cast aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W): 1200 mm x 200 mm, luminaire height 45 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. Permissible ambient temperature (ta): -20 °C to 25 °C. Weight: 9,0 kg. Wire suspension and electric connection cable included in scope of supply. Standard suspension length: 1500 mm. With electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Number of occupied DALI devices: 5. The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Monitoring Services. 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. Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

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

EPREL - European Product Registry for Energy Labelling

| Energy Efficiency Class | Model identifier |
|-------------------------|------------------|
| D | 85400194 |
| D | 85300656 |