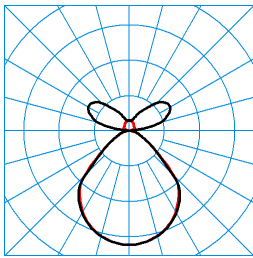


Product features and key data












Luminaire type	Rectangular suspended LED luminaire, direct-indirect distribution, with full-surface, borderless PMMA cover.
Mounting method	Suspension
Luminaire optic	With an internal microprismatic cover and an opal PMMA cover smooth on room side.
Connected load	45 W
Colour temperature	4.000 K
Rated luminous flux	5.300 lm
Luminous efficacy	117 lm/W
Service life	L80 (25 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 1 - no risk
Luminaire colour	RAL9016 Traffic white
Electrical version	With electronic transformer, digitally dimmable (DALI).
Connection method	Terminal
Touch-Dim-capable	Yes
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
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	13
Max. Luminaires B16	24
Max. Luminaires C10	24
Max. Luminaires C16	40
Net length	1.127 mm
Net width	160 mm
Net height	47 mm
Weight	4,4 kg

light distribution curve

**Opendo H1-L PW19 53-840 ETDD +LLWRM 01
TX277378**

 ■ C0 - C180
 ■ C90 - C270

 UGR I = 16.1
 UGR q = 16.5
 DIN 5040: B52
 UTE: 0,68 C + 0,32 T
 CEN Flux Code: 62 90 98 68 100 18 49 83 32

Available accessories

Material	Description
 03630S Vacuum Plug 2926500	Suction pad for removal of covers for maintenance.
 ZAA/01 4601700	Ceiling rose, round, white.
 ZAA/03 4601800	Ceiling rose, round, silver grey.
 ZAR/01 7002300	Ceiling rose, angular, white.
 ZAR/03 7002400	Ceiling rose, angular, silver grey.
 Opendo D/H ZDV 515 L1 7753100	Through-wiring with heat-resistant individual wires. For surface-mounted and suspended luminaires with a length of: 1200 mm. 5-wire version, Ø 1,5 mm ²
 Opendo H ZZT 515/1000 7753700	Transparent mains connection cable with integrated snap-in cable strain relief. For suspension lengths to 1000 mm. 5-wire version, Ø 1,5 mm ²
 Opendo H ZZT 515/2000 7753800	Transparent mains connection cable with integrated snap-in cable strain relief. For suspension lengths to 2000 mm. 5-wire version, Ø 1,5 mm ²
 Opendo D/H ZLK 01 7754100	Continuous line coupling for structuring a continuous line of surface-mounted and suspended luminaires. Made of plastic, colour white.
 Opendo H ZST/2000 7755500	Y wire suspension for suspension lengths to: 2000 mm.
 Opendo D/H ZKS 01 7755300	End caps for individual luminaires and continuous line front ends. Packaging unit 2 pieces. Made of plastic, colour white.

Offer text

Rectangular suspended LED luminaire, direct-indirect distribution, with full-surface, borderless PMMA cover. For individual or continuous line applications by means of accessories to be ordered separately. Suitable for through-wiring. With an internal microprismatic cover and an opal PMMA cover smooth on room side. With symmetric wide light distribution, direct-indirect (70/30 %). Glare evaluation (EN 12464-1) according to UGR < 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 5300 lm, connected load 45,00 W, luminous efficiency of luminaire 117 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, Colour locus tolerance (initial MacAdam) $\leq 3 \text{ SDCM}$, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L_{80}(t_a 25^\circ \text{C}) = 50,000 \text{ h}$. Luminaire body of sheet steel, powder-coated white (RAL 9016). Dimensions (L x W): 1127 mm x 160 mm, luminaire height 47 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. With electronic transformer, digitally dimmable (DALI). The luminaire is monitoring-ready (MOR), supplies luminaire data for monitoring or for predictive maintenance and is therefore compatible to the TRILUX Digital Services (Energy Monitoring and Light Monitoring). The luminaire complies with fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. With integrated LiveLink WiFi RC control unit and LiveLink IR Micro sensor for daylight-dependent control and presence detection. Wi-Fi module for reliable commissioning and operation (WPA2 encryption) and a radio module for setting up a ZigBee mesh network. Radio signal range: > 20 m. Predefined room configurations (Use Cases) with all planning-relevant data enable simple, quick commissioning. control of up to 32 DALI devices and 50 radio devices. Commissioning is carried out with the LiveLink Install commissioning app for tablet PCs.

LiveLink sensor 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. Electrical supply via the DALI interface of

the control unit. Occupies 2 DALI devices. Temperature range -25°C - +55 °C. Integrated pyro-sensor for maximum detection quality with 168 detection zones. Presence range of 16 m² detects minimum movements. Square detection zone, detection squares for presence max. 4 m x 4 m (16 m²) / radial max. 4 m x 4 m (16 m²) / tangential max. 6 m x 6 m (36 m²) at recommended mounting height of 3 m, permissible mounting height 2.5 m to 4 m.

Application note :

Connection cables, end caps, continuous line couplings, wire suspensions and ceiling rose must be ordered separately.