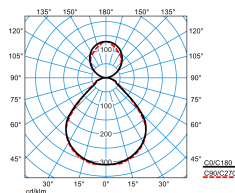
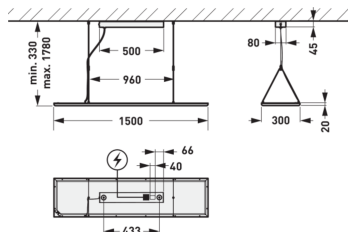


2360 G2 H2 PW19-IL 47/60/ML-8MC ET

TOC: 8909240



Product description

Luminaire type

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

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 $L \leq 3000 \text{ cd/m}^2$ for beam angle above 65° all-round.

LED system

Luminaire luminous flux and light color fixed. Luminaire luminous flux 6000 lm, connected load 55 W, Power Faktor $\lambda > 0,95$, maximum luminous efficiency of luminaire 109 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) $\leq 5 \text{ SDCM}$. Mean rated service life $L70 (t_q 25^\circ\text{C}) = 50,000 \text{ h}$.

Luminaire body

Luminaire body of extruded aluminium profile. Surface coated white (similar to RAL 9016). Dimensions (L x W): 1500 mm x 300 mm, luminaire height 20 mm. Safety class (EN 61140): II, 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: 5,8 kg.

Electrical version

With external operating device, 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

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 4
Colour temperature	3000 K	4000 K
Rated luminous flux	4350 lm	6000 lm
Connected load	36,00 W	46,00 W
Luminous efficacy	121 lm/W	130 lm/W
Rated service life	$L70 (25^\circ\text{C}) = 50.000 \text{ h}$	
Colour rendering index	80	
Colour tolerance	3 SDCM	
Photobiological class	Group 0 - no risk	
Luminaire colour	RAL9016 Traffic white	

Product features and key data

Luminaire body	Luminaire body of extruded aluminium profile.
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	IP20
Protection class	II
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	33
Max. Luminaires B16	52
Max. Luminaires C10	54
Max. Luminaires C16	88
Net length	1.500 mm
Net width	300 mm
Net height	20 mm
Weight	5,8 kg

Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	4350 lm	36,00 W	121 lm/W
Level 3	3000 K	5600 lm	46,00 W	122 lm/W
Level 2	4000 K	4700 lm	36,00 W	131 lm/W
Level 4	4000 K	6000 lm	46,00 W	130 lm/W

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