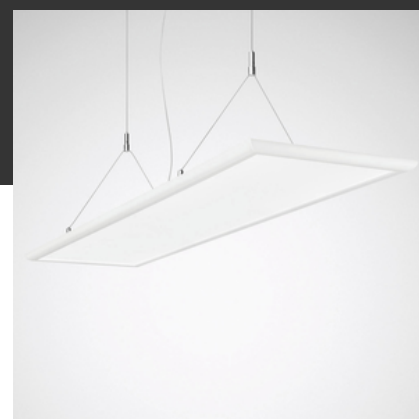
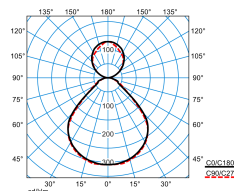
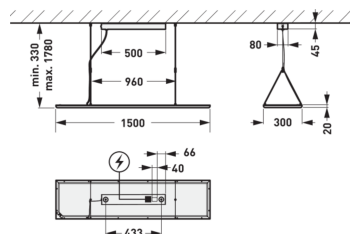


# 2360 G2 H2 PW19-IL 47/60/ML-8MC ET

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)  $\leq 5 \text{ SDCM}$ . Rated service life L70/B50 ( $t_q 25^\circ\text{C}$ ) = 50,000 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

<b>Luminaire type</b>	LED suspended luminaire with translucent PMMA cover.	
<b>Mounting method</b>	Suspension	
<b>Light distribution curve</b>	Wide reduced glare UGR19 (W19)	
<b>FWHM</b>	94 °	
<b>Light Engine</b>	Level 1	Level 4
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	4350 lm	6000 lm
<b>Connected load</b>	36,00 W	46,00 W
<b>Luminous efficacy</b>	121 lm/W	130 lm/W
<b>Rated service life</b>	L70 (25 °C) = 50.000 h	
<b>Colour rendering index</b>	80	
<b>Colour tolerance</b>	3 SDCM	
<b>Photobiological class</b>	Group 0 - no risk	
<b>Luminaire colour</b>	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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