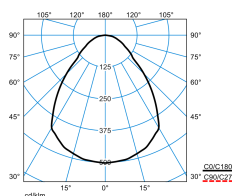
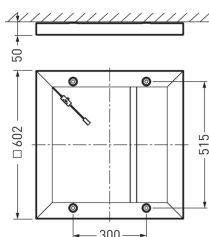


# 2350 G4 D PW19 36/29/ML-8MC ET

## LED surface-mounted luminaire

TOC: 8537240



## Product description

### Luminaire type

Surface-mounted LED ceiling luminaire with translucent PMMA cover.

### Applications

Offices, Corridors, Foyers, Conference rooms, Retail areas, waiting zones, Education, Care homes.

### Mounting methods

For ceiling mounting indoors.

### Optical system

Cover of translucent PMMA with photometrically effective prism structure. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19.

### LED system

Luminaire luminous flux and light color adjustable in 4 levels (Multilumen, Multicolour). Luminaire luminous flux 2700 lm - 3600 lm, connected load 25 W - 33 W, Power Faktor  $\lambda > 0,95$ , maximum luminous efficiency of luminaire 116 lm/W. Light colour warm white or neutral white, correlated colour temperature (CCT) 3000 K or 4000 K, general colour rendering index (CRI)  $R_a > 80$ . Colour locus tolerance (initial MacAdam)  $\leq 5$  SDCM. Rated service life L70/B50 ( $t_q 25^\circ\text{C}$ ) = 50,000 h.

### Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W): 602 mm x 602 mm, luminaire height 50 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: 2,8 kg.

### Electrical version

With electronic control gear unit, 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>Applications</b>	Offices Banks Foyers Sales rooms Ticket halls Exhibition rooms Educational rooms	
<b>Luminaire type</b>	Surface-mounted LED ceiling luminaire with translucent PMMA cover.	
<b>Mounting method</b>	Surface-mounting	
<b>Luminaire optic</b>	Cover of translucent PMMA with photometrically effective prism structure.	
<b>Light distribution curve</b>	Wide reduced glare UGR19 (W19)	
<b>FWHM</b>	84,60 °	
<b>Light Engine</b>	Level 4	Level 1
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	2900 lm	3600 lm
<b>Connected load</b>	25,00 W	33,00 W
<b>Luminous efficacy</b>	116 lm/W	109 lm/W
<b>Rated service life</b>	L70 (25 °C) = 50.000 h	

## Product features and key data

Colour rendering index	80
Colour tolerance	4 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of aluminium.
Electrical version	With electronic control gear unit, switchable.
Wire diameter	1,50 mm <sup>2</sup>
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 class	II
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	14
Max. Luminaires B16	23
Max. Luminaires C10	24
Max. Luminaires C16	39
Net length	602 mm
Net width	602 mm
Net height	50 mm
Weight	2,8 kg

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 4	3000 K	2900 lm	25,00 W	116 lm/W
Level 3	3000 K	3600 lm	33,00 W	109 lm/W
Level 2	4000 K	2900 lm	25,00 W	116 lm/W
Level 1	4000 K	3600 lm	33,00 W	109 lm/W

## EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
C	S10342758-1

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