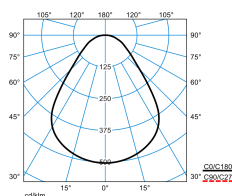
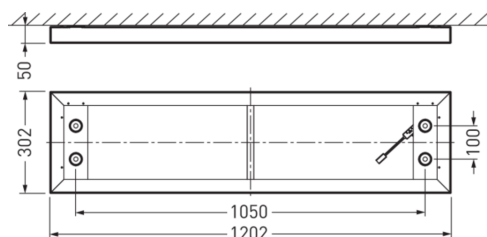


# 2350 G4 D2 PW19 4000-8MC ETDD

## LED surface-mounted luminaire

TOC: 8537451



## 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 fixed. Luminaire luminous flux 4000 lm - 4000 lm, connected load 36 W - 36 W, Power Faktor  $\lambda > 0,95$ , maximum luminous efficiency of luminaire 111 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): 1202 mm x 302 mm, luminaire height 50 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. Permissible ambient temperature ( $t_a$ ): 25 °C Weight: 3,6 kg.

### Electrical version

With electronic control gear unit, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). 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>	82,20 °	
<b>Light Engine</b>	Level 2	Level 1
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	3800 lm	4000 lm
<b>Connected load</b>	36,00 W	36,00 W
<b>Luminous efficacy</b>	106 lm/W	111 lm/W

## Product features and key data

Rated service life	L70 (25 °C) = 50.000 h
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, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Wire diameter	1,50 mm <sup>2</sup>
Connection method	Plug-in terminal
Touch-Dim-capable	Yes
Number of DALI addresses	1
Dimming range	5 - 100 %
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
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	7
Max. Luminaires B16	12
Max. Luminaires C10	12
Max. Luminaires C16	20
Net length	1.202 mm
Net width	302 mm
Net height	50 mm
Weight	3,6 kg

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 2	3000 K	3800 lm	36,00 W	106 lm/W
Level 1	4000 K	4000 lm	36,00 W	111 lm/W

## EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
C	S10342759-1

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