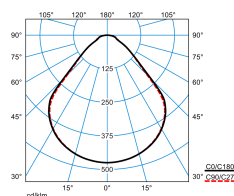
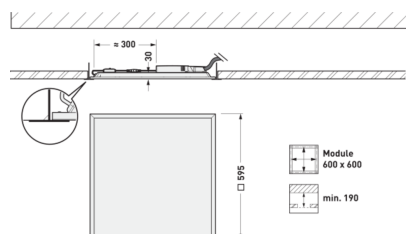


# 2330 G4 M73 PW19 30-42/4ML-8MC ET

TOC: 6000683040



## Product description

### Luminaire type

Square recessed LED ceiling luminaire with prismatic PMMA cover. Version M73 (600 mm x 600mm).

### Applications

Offices, Corridors, Foyers, Conference rooms, Retail areas, waiting zones.

### Mounting methods

For system ceilings with exposed grids.

### Optical system

PMMA cover with microprisms. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 19. 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. Harmonious light effect due to homogeneously illuminated light emission.

### LED system

Luminaire luminous flux and light color adjustable in 4 levels (Multilumen, Multicolour). Luminaire luminous flux 2700 lm - 3600 lm, connected load 24 W - 31 W, Power Faktor  $\lambda > 0,9$ , maximum luminous efficiency of luminaire 121 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)  $\leq 5 \text{ SDCM}$ . Mean rated service life  $L70 (t_{q} 25^\circ\text{C}) = 50,000 \text{ h}$ . Flicker: Pst LM  $\leq 1.0$  at full load. Stroboscopic effect: SVM  $\leq 0.4$  at full load.

### Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W): 595 mm x 595 mm, luminaire height 32 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, Protection rating on room side: IP40, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: . Permissible ambient temperature (ta): 25 °C . Weight: 2,4 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 Corridors Foyers Conference rooms Sales rooms Waiting zones	
<b>Luminaire type</b>	Square recessed LED ceiling luminaire with prismatic PMMA cover.	
<b>Mounting method</b>	Recessed	
<b>Luminaire optic</b>	PMMA cover with microprisms.	
<b>Light distribution curve</b>	Wide reduced glare UGR19 (W19)	
<b>FWHM</b>	89,60 °	
<b>Light Engine</b>	Level 1	Level 8
<b>Colour temperature</b>	3000 K	4000 K
<b>Rated luminous flux</b>	2800 lm	4200 lm
<b>Connected load</b>	21,00 W	29,00 W

## Product features and key data

<b>Luminous efficacy</b>	133 lm/W	145 lm/W
<b>Rated service life</b>	L80 (25 °C) = 50.000 h	
<b>Colour rendering index</b>	80	
<b>Colour tolerance</b>	5 SDCM	
<b>Photobiological class</b>	Group 0 - no risk	
<b>Luminaire colour</b>	RAL9016 Traffic white	
<b>Luminaire body</b>	Luminaire body of aluminium.	
<b>Electrical version</b>	With electronic control gear unit, switchable.	
<b>Wire diameter</b>	1,50 mm <sup>2</sup>	
<b>Connection method</b>	Plug-in terminal	
<b>Mains voltage</b>	220 - 240 V	
<b>Mains frequency</b>	50/60 Hz	
<b>Total harmonic distortion &lt; %</b>	14 %	
<b>Protection rating</b>	IP20	
<b>Protection rating on room side</b>	IP40	
<b>Protection class</b>	I	
<b>Impact resistance (IK)</b>	IK02	
<b>Ambient temperature</b>	25 °C	
<b>Net length</b>	595 mm	
<b>Net width</b>	595 mm	
<b>Net height</b>	32 mm	
<b>Recess length</b>	595 mm	
<b>Recess width</b>	595 mm	
<b>Recess depth</b>	190 mm	
<b>Weight</b>	2,4 kg	

## Available accessories

Material	Description
6000877700	Suspension accessories for luminaires of the series: 2330 M73/M84... G4 .

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	3000 K	2800 lm	21,00 W	133 lm/W
Level 2	3000 K	3150 lm	23,50 W	134 lm/W
Level 3	3000 K	3500 lm	26,50 W	132 lm/W
Level 4	3000 K	3900 lm	29,00 W	134 lm/W
Level 5	4000 K	3000 lm	21,00 W	143 lm/W
Level 6	4000 K	3400 lm	23,50 W	145 lm/W

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 7	4000 K	3800 lm	26,50 W	143 lm/W
Level 8	4000 K	4200 lm	29,00 W	145 lm/W

## EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
C	MPL-60x60-26.3WDC G1

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