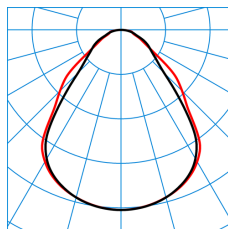
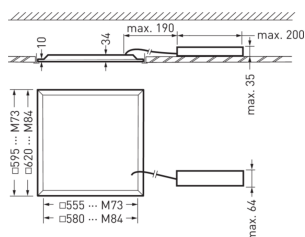


# 2330 G3 S M84 PW19 36/29/ML-840 ET

## Recessed LED luminaire

TOC: 8332740



## Product description

### Luminaire type

Square recessed LED ceiling luminaire with prismatic PMMA cover. Version M84 (625 mm x 625 mm).

### 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. 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 adjustable in 2 steps. Luminaire luminous flux 2900 lm - 3600 lm, connected load 24 W - 31 W, Power Faktor  $\lambda > 0,95$ , 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  $L65(t_q 25^\circ\text{C}) = 50,000 \text{ h}$ .

### Luminaire body

Luminaire body of aluminium. Surface coated white (RAL 9016). Dimensions (L x W): 620 mm x 620 mm, luminaire height 65 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: 650 °C. Weight: 2,2 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.

### Sustainability

Environmental Product Declaration in accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 and verified carbon offset. 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 Engine</b>	Level 1	Level 2
<b>Colour temperature</b>	4000 K	4000 K
<b>Rated luminous flux</b>	2900 lm	3600 lm
<b>Connected load</b>	24,00 W	31,00 W
<b>Luminous efficacy</b>	121 lm/W	116 lm/W
<b>Service life</b>	L65 (25 °C) = 50.000 h	

## Product features and key data

Colour rendering index	80
Colour tolerance	5 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 mm²
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	IP40
Protection class	I
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	620 mm
Net width	620 mm
Net height	65 mm
Recess length	620 mm
Recess width	620 mm
Recess depth	190 mm
Weight	2,2 kg

## Light Engine Data

Light Engine	Color temperature	Rated light current	Power supply value Typ	Luminous efficacy
Level 1	4000 K	2900 lm	24,00 W	121 lm/W
Level 2	4000 K	3600 lm	31,00 W	116 lm/W

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