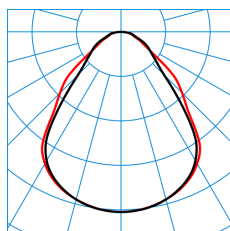
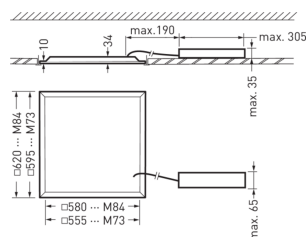


2330 G3 M73 PW19 36/29/ML-865 ET

Recessed LED luminaire

TOC: 7767740



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. Version M84, system dimension 625 x 625 mm.

Optical system

PMMA cover with microprisms. With narrow-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 $L \leq 3000 \text{ cd/}^2$ 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 24,00 W - 31,00 W, Power Factor $\lambda > 0,95$, luminous efficiency of luminaire 120 lm/W - 116 lm/W. Light colour daylight white, correlated colour temperature (CCT) 6500 K, general colour rendering index (CRI) $R_a > 80$. 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): 595 mm x 595 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: 2,0 kg.

Electrical version

With electronic transformer, 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

Applications	offices corridors foyers conference rooms sales rooms waiting zones	
Luminaire type	Square recessed LED ceiling luminaire with prismatic PMMA cover.	
Mounting method	Recessed	
Luminaire optic	PMMA cover with microprisms.	
LED-System	Luminous flux (level 0)	Luminous flux (level F)
Connected load	24 W	31 W
Power factor	0,95	
Colour temperature	6.500 K	6.500 K
Rated luminous flux	2.900 lm	3.600 lm
Luminous efficacy	120 lm/W	116 lm/W
Interchangeability lightsource	No - Electrical safety	
Service life	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 transformer, switchable.
Wire diameter	1,50 mm ²
Connection method	Plug-in terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
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
Net length	595 mm
Net width	595 mm
Net height	65 mm
Recess length	595 mm
Recess width	595 mm
Recess depth	190 mm
Weight	2,0 kg

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