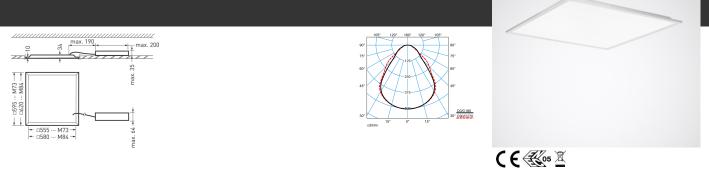


2330 G3 S M73 PW19 36/29/ML-840 ET Recessed LED luminaire

TOC: 8332840



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. beam angle 81°. Glare evaluation according to UGR rating (EN 12464-1) < 19. Suitable for VDU workstations according to EN 12464-1 via limited luminance $L \le 3000 \text{ cd}/2$ 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 (Multilumen). 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 SDCM. Mean rated service life L70 (t _q 25 °C) = 50,000 h.

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to 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. Permissible ambient temperature (ta): 25 °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

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.		
Light distribution curve	Wide reduced glare UGR19 (W19)		
FWHM	80,60 °		
Light Engine	Level 1	Level 2	
Colour temperature	4000 K	4000 K	
Rated luminous flux	2900 lm	3600 lm	
Connected load	24,00 W	31,00 W	

All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted. Product illustrations serve as examples and may differ from the original. We reserve the right to make alterations in the interest of improving our products.

Product features and key data

Luminous efficacy 121 Im/W 116 Im/W Rated service life L70 (25 °C) = 50.000 h Colour redering index 80 Colour tolerance 5 SDCM SDCM SDCM Photobiological class Group 0 - no risk Image: State S		-				
Colour tolerance80Colour tolerance5 SDCMPhotobiological classGroup 0 - no riskLuminaire colourRAL9016 Traffic whiteLuminaire bodyLuminaire body of aluminium.Electrical versionWite electronic control gear unit, switchable.Wire diameter1,50 mm²Connection methodPlug-in terminalMains voltage220 - 240 VMains frequency5060 HzTotal harmonic distorion <%	Luminous efficacy	121 lm/W	116 lm/W			
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Recess length595 mmRecess width595 mmRecess depth190 mm	Net width	595 mm				
Recess width 595 mm Recess depth 190 mm	Net height	65 mm				
Recess depth 190 mm	Recess length	595 mm				
	Recess width	595 mm				
Weight 2,2 kg	Recess depth	190 mm				
	Weight	2,2 kg				

Light Engine Data

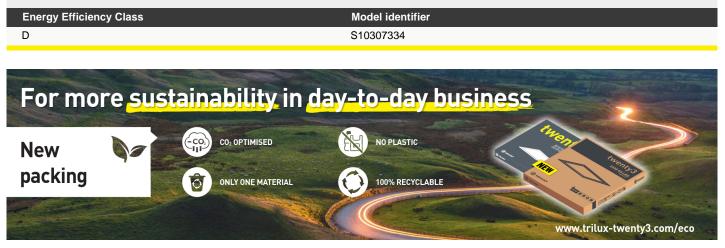
Light Engine	Color temperature	Rated light current	Power supply value TypeLuminous efficacy	
Level 1	4000 K	2900 lm	24,00 W	121 lm/W
Level 2	4000 K	3600 lm	31,00 W	116 lm/W

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