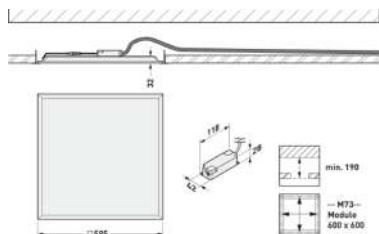


2330 G4 BS M73 36-840 ET

TOC: 6000683240



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. 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 fixed. Luminaire luminous flux 3600 lm, connected load 33 W, Power Faktor $\lambda > 0,9$, maximum luminous efficiency of luminaire 109 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) $\leq 5 \text{ SDCM}$. Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load.

Luminaire body

Luminaire body of aluminium. Surface coated white (similar to RAL 9016). Dimensions (L x W x H): 595 mm x 595 mm x 34 mm. Safety class (EN 61140): II, 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.

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	88,40 °
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	3600 lm
Connected load	33,00 W
Luminous efficacy	109 lm/W

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 mm ²
Connection method	Plug-in terminal
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Protection rating	IP20
Protection rating on room side	IP40
Protection class	II
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	28
Max. Luminaires B16	44
Max. Luminaires C10	41
Max. Luminaires C16	65
Net length	595 mm
Net width	595 mm
Net height	34 mm
Weight	2,2 kg

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