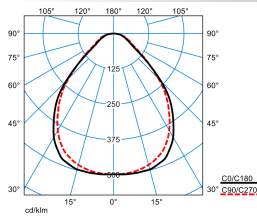
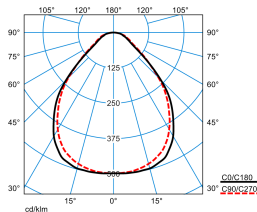

Product features and key data

Applications	Offices Banks Foyers Sales rooms Ticket halls Exhibition rooms Educational rooms
Luminaire type	Square recessed LED luminaire with microprismatic cover PW.
Mounting method	Lay-in Recessed
Luminaire optic	The optical system consists of a highly efficient PMMA cover with microprisms.
Light distribution curve	Wide reduced glare UGR16 (W16)
FWHM	88,60 °
Light Engine	standard product
Colour temperature	3000 K
Rated luminous flux	2900 lm
Connected load	19,00 W
Luminous efficacy	153 lm/W
Rated service life	L80 (25 °C) = 100.000 h L90 (25 °C) = 50.000 h
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	Luminaire body of extruded aluminium profile.
Electrical version	With external operating device, switchable.
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)	IK03
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	12
Max. Luminaires B16	20
Max. Luminaires C10	20
Max. Luminaires C16	34
Net length	620 mm
Net width	620 mm
Net height	22 mm
Recess length	600 mm
Recess width	600 mm
Recess depth	100 mm
Weight	3,5 kg







light distribution curve

ArimoFit G2 M84 PW16 30-830 ET

UGR I = 16,6
 UGR q = 16,6
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 64 89 97 100 100 0 0 0 0


ArimoFit G2 M84 PW16 30-830 ET + ArimoFit G2 Sky M84-TS ZER

UGR I = 15,7
 UGR q = 15,8
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 64 89 97 100 100 0 0 0 0

Available accessories

Material	Description
 ArimoFit Kit EB3 round 7714550	Emergency light system for ceiling recessing with an emergency light operation time of 3 hours.
 ArimoFit Kit EB3 square 7714650	Emergency light system for ceiling recessing with an emergency light operation time of 3 hours.
 ArimoFit G2 ZD5/M84 7856400	Surface-mount frame for ceiling mounting.
 ArimoFit G2 Sky M84-TS ZER 8190300	Sky frame for spatially atmospheric depth effect in the classic, flat module ceiling.
 ArimoFit G2 ZBB M84/57 7950500	Mounting accessory for installation in cut ceiling apertures.
 ArimoFit G2 ZBB-TV M84/57 8589000	Mounting accessory for installation in system ceilings with concealed grids.

Offer text

Square recessed LED luminaire with microprismatic cover PW. Version M84 (625 mm x 625 mm). Optionally, the luminaire can be equipped with an emergency light system for ceiling recessing with an emergency light operation time of 3 hours. In emergency light operation, the luminaire luminous flux is 575 lm. Generation of an enhanced depth effect in the room. For system ceilings with exposed grids. The luminaire body is flush with the ceiling system on the room side. In combination with accessories to be ordered separately, suitable for plasterboard ceiling openings and for flush ceiling surface mounting. The Sky frame, optionally available as an accessory, creates a room-atmospheric depth effect in the classic, flat modular ceiling; the 3-dimensional contour of a skylight is reproduced. The optical system consists of a highly efficient PMMA cover with microprisms. The microstructured PMMA prism surface of the optical system has a glare-reducing effect, is non-yellowing and does not cloud. With symmetric limited wide light distribution. Glare evaluation according to UGR rating (EN 12464-1) < 16. 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. Individual design of the light emission surface (e.g. with printing) and other special solutions are possible on request. Luminaire luminous flux and light color fixed. Luminaire luminous flux 2900 lm, connected load 19 W, maximum luminous efficiency of luminaire 153 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM. Mean rated service life L80 ($t_q 25^\circ\text{C}$) = 100,000 h., Mean rated service life L90 ($t_q 25^\circ\text{C}$) = 50,000 h. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Flicker: Pst LM ≤ 1.0 at full load. Stroboscopic effect: SVM ≤ 0.4 at full load. Luminaire body of extruded aluminium profile. Surface coated white (similar to RAL 9016). Luminaire dimensions (L x W x H): 620 mm, 620 mm, 22 mm. The all-round edge of the frame profile assists mounting. The luminaire frame is profiled in a 3-dimensional way to generate a depth effect on the ceiling. Luminaire can be covered with insulating material at $t_a 25^\circ\text{C}$, $t_a 35^\circ\text{C}$ without insulation material can also be used. 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: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650°C . Permissible ambient temperature (t_a): 25°C . Weight: 3,5 kg. Polarity-protected rapid connection with mains through-wiring up to $\varnothing 2.5 \text{ mm}^2$. Connection of the ballast unit to the luminaire (Plug 'N Play). The luminaire's packaging concept facilitates separate removal of the control gear unit for pre-assembly, leaving the remaining luminaire components protected until final assembly. With external operating device, switchable. The control gear unit is replaceable in accordance with the ecodesign requirements (VO (EU) 2019/2020). Control gear unit is open-circuit proof and protected against faulty connection, short circuit, overload and overtemperature. Output ripple of the control gear unit $\leq 4\%$ for effective control of the LED system and for flicker-free light. The ENEC certification by an independent testing laboratory is in preparation. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

Luminaire available for 10 years, spare parts (LED module, control gear unit, optical system) for 15 years from date of invoice, subject to reasonable modifications in the interests of progress.

Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

This product contains (a) light source(s) of energy efficiency class(es):

Energy Efficiency Class	Model identifier
B	L-PL-C30-03-A-V2.0-3000K
B	85402811
B	L-PL-C30-03-A-V2.0-3000K
B	85402812