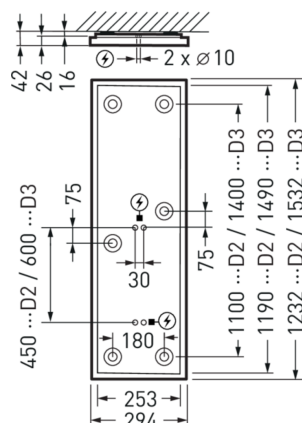
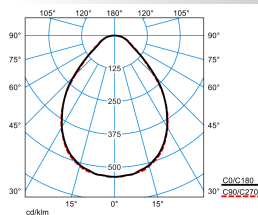




Product features and key data

Applications	Offices Banks Foyers Sales rooms Ticket halls Exhibition rooms Educational rooms
Luminaire type	Rectangular surface-mounted LED luminaire with microprismatic cover PW19.
Mounting method	Surface-mounting Suspension
Luminaire optic	The optical system consists of a highly efficient PMMA cover with microprisms.
Light distribution curve	Wide reduced glare UGR19 (W19)
Light Engine	standard product
Colour temperature	4000 K
Rated luminous flux	4200 lm
Connected load	32,00 W
Luminous efficacy	131 lm/W
Colour rendering index	80
Colour tolerance	3 SDCM
Photobiological class	Group 0 - no risk
Luminaire colour	RAL9016 Traffic white
Luminaire body	The surface-mounted luminaire consists of an installation body with connection unit, rapid plug connection and the control gear as well as a plug-on luminaire unit with LED-system, cover, rapid plug connection and frame.
Electrical version	With electronic transformer, digitally dimmable (DALI).
DALI-2-Standard EN 62386	Yes
Connection method	Plug-in terminal
Touch-Dim-capable	Yes
Number of DALI addresses	1
Dimming range	1 - 100 %
Monitoring Ready	Yes
Mains voltage	220 - 240 V
Mains frequency	50/60 Hz
Total harmonic distortion < %	14 %
Protection rating	IP40
Protection class	I
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	1.232 mm
Net width	294 mm
Net height	42 mm
Weight	7,7 kg

light distribution curve

ArimoFit G2 D2 PW19 42-840 ETDD X8 01/01

UGR I = 18,0
 UGR q = 18,0
 DIN 5040: A50
 UTE: 1.00 C
 DLOR: 100 %
 ULOR: 0 %
 CEN Flux Code: 65 89 97 100 100 0 0 0 0

Available accessories

Material	Description
 ZAA/01 4601700	Ceiling canopy, round. Colour white.
 ZAA/03 4601800	Ceiling canopy, round. Colour silver-grey.
 ZAE/01 515 4691700	Ceiling canopy for connection of the 5-pole mains cable in case of ceiling outlets. Square, white.
 ZAE/03 515 4691800	Ceiling canopy for connection of the 5-pole mains cable in case of ceiling outlets. Square, silver-grey.
 ZAR/01 7002300	Ceiling canopy, square, white.
 ZAR/03 7002400	Ceiling canopy, square, silver grey.
 ArimoFit D / Creavo D ZST 515/2000 7634500	Wire suspension for suspension lengths to: 2000 mm.

Offer text

Rectangular surface-mounted LED luminaire with microprismatic cover PW19. With LiveLink Wi-Fi RC control unit, ZigBee mesh network. For installation on ceilings and overhangs as well as horizontal wall installation indoors. Also suitable for suspended mounting with accessories to be ordered separately (ArimoFit D... ZST... 2000). 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) < 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. 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 4200 lm, connected load 35,00 W, Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) $\leq 3 \text{ SDCM}$. 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. The surface-mounted luminaire consists of an installation body with connection unit, rapid plug connection and the control gear as well as a plug-on luminaire unit with LED-system, cover, rapid plug connection and frame. Surface coated white (similar to RAL 9016). Dimensions (L x W): 1232 mm x 294 mm, height 42 mm. The frame is profiled in a 3-dimensional way. The undercut generates a shadow gap and reduces the perceived overall height. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK03, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650°C . Weight: 7,7 kg. 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 electronic transformer, digitally dimmable (DALI). Control gear unit according to DALI-2 standard (EN 62386). Luminaire is switchable and dimmable by means of touch functionality via DALI control terminals (Touch DIM). 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. The ENEC certification by an independent testing laboratory is in preparation. The luminaire can be equipped with the Monitoring Ready (MOR) functionality on request. The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol. The luminaire is part of a range of recessed, surface-mounted and suspended luminaires with a harmonised appearance. The application variety of the product series is underlined by variants regarding luminous flux packages, light distribution curves and protection ratings. On request, the basic range can be expanded with project-specific luminaire features.

Application note

In the case of horizontal wall installation, the closing springs must be aligned horizontally.
 Disassembly instructions (PDF) for the product available at: <https://www.trilux.com/EcoDesign>

EPREL - European Product Registry for Energy Labelling

Energy Efficiency Class	Model identifier
D	85401118-00

D

LEDM+Kk ArimoF EA650-840-M57s L122W1
