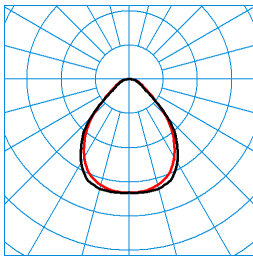


Product features and key data

Luminaire type	Square 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.
Connected load	31 W
Colour temperature	3.000 K
Rated luminous flux	4.000 lm
Luminous efficacy	129 lm/W
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	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. The frame is profiled in a 3-dimen
Electrical version	With electronic transformer, switchable.
Connection method	Terminal
Mains frequency	50/60 Hz
Mains voltage	220 - 240 V
Total harmonic distortion < %	14 %
Ingress Protection (IP) rating	IP20
Protection rating of lamp compartment	IP40
Protection class	I
Impact resistance (IK)	IK02
Hot wire resistance	650 °C
Ambient temperature	25 °C
Max. Luminaires B10	22
Max. Luminaires B16	35
Max. Luminaires C10	35
Max. Luminaires C16	59
Net length	632 mm
Net width	632 mm
Net height	42 mm
Weight	7,4 kg

light distribution curve

ArimoFit D PW19 42-830 01/01
TX122459

 ■ C0 - C180
 ■ C90 - C270

 UGR I = 17.4
 UGR q = 17.4
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 64 89 97 100 100 0 0 0 0

Available accessories

Material	Description
 ZAA/01 4601700	Ceiling rose, round, white.
 ZAA/03 4601800	Ceiling rose, round, silver grey.
 ZAE/01 515 4691700	Ceiling rose, angular, white.
ZAE/03 515 4691800	Ceiling rose, angular, silver grey.
 ZAR/01 7002300	Ceiling rose, angular, white.
 ZAR/03 7002400	Ceiling rose, angular, silver grey.
 ArimoFit D / Creavo D ZST 315/2000 7640500	Wire suspension for suspension lengths to: 2000 mm.

Offer text

Square surface-mounted LED luminaire with microprismatic cover PW19. For installation on ceilings, walls and overhangs indoors. 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 narrow-wide light distribution. Glare evaluation (EN 12464-1) according to UGR < 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 4000 lm, connected load 31,00 W, luminous efficiency of luminaire 129 lm/W. Light colour warm white, correlated colour temperature (CCT) 3000 K, Colour locus tolerance (initial MacAdam) ≤ 3 SDCM, general colour rendering index (CRI) $R_a > 80$. Mean rated service life $L_{80}(t_q 25^\circ\text{C}) = 100,000 \text{ h}$, mean rated service life $L_{90}(t_q 25^\circ\text{C}) = 50,000 \text{ h}$. 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. The frame is profiled in a 3-dimensional way. The undercut generates a shadow gap and reduces the perceived overall height. Frame of extruded aluminium profile, colour white. Installation body of sheet steel, colour white. (RAL 9016). Dimensions (L x W): 632 mm x 632 mm, height 42 mm. Safety class (EN 61140): I, protection rating (DIN EN 60529): IP20, impact resistance level in accordance with IEC 62262: IK02, testing temperature of wire glow test in accordance with IEC 60695-2-11: 650°C . 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, switchable. Control gear unit is open-circuit proof and protected against faulty connection, short circuit, overload and overtemperature. The control gear is replaceable. The luminaire complies with 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 wall installation, the closing springs must be aligned horizontally.