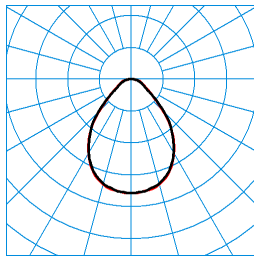
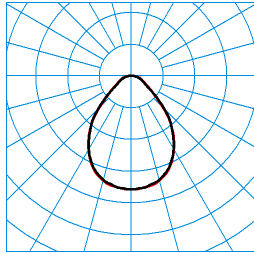

Product features and key data

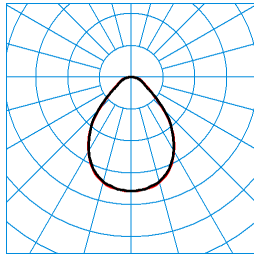
Applications	offices banks foyers sales rooms ticket halls exhibition rooms educational rooms		
Luminaire type	Rectangular surface-mounted LED luminaire with microprismatic cover PW19.		
Light sources	LED panels configured with warm white and daylight white light colour LEDs.		
Mounting method	Surface-mounting Suspension		
Luminaire optic	The optical system consists of a highly efficient PMMA cover with microprisms.		
LED-System	HCL channel 1	HCL channel 2	HCL MAX
Connected load	50 W	46 W	50 W
Power factor	0,95		
Colour temperature	2.700 K	6.000 K	4.000 K
Rated luminous flux	5.300 lm	5.300 lm	5.300 lm
Luminous efficacy	106 lm/W	115 lm/W	106 lm/W
Interchangeability lightsource	Yes - interchangeable		
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.		
Electrical version	With electronic control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit.		
DALI-2-Standard EN 62386	Yes		
Connection method	Plug-in terminal		
Dimming range	3 - 100 %		
Mains frequency	50/60 Hz		
Mains voltage	220 - 240 V		
Total harmonic distortion < %	14 %		
Ingress Protection (IP) rating	IP40		
Protection class	I		
Impact resistance (IK)	IK03		
Hot wire resistance	650 °C		
Ambient temperature	25 °C		
Max. Luminaires B10	9		
Max. Luminaires B16	15		
Max. Luminaires C10	15		
Max. Luminaires C16	25		
Net length	1.557 mm		
Net width	320 mm		
Net height	42 mm		
Weight	9,5 kg		

light distribution curve

**ArimoF Act D3 PW19 53-8 01/01 (ActDWW)
TX150241**

 CO - C180
 C90 - C270

 UGR I = 18,1
 UGR q = 18,0
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 89 97 100 100 0 0 0 0

**ArimoF Act D3 PW19 53-8 01/01 (ActDCW)
TX150239**

 CO - C180
 C90 - C270

 UGR I = 18,1
 UGR q = 18,0
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 89 97 100 100 0 0 0 0

**ArimoF Act D3 PW19 53-8 01/01 (ActDSU)
TX150240**

 CO - C180
 C90 - C270

 UGR I = 18,1
 UGR q = 18,0
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 65 89 97 100 100 0 0 0 0

Available accessories

Material	Description
 ZAA/01 4601700	Ceiling rose, round. Colour white.
 ZAA/03 4601800	Ceiling rose, round. Colour silver-grey.
 ZAE/01 515 4691700	Ceiling rose, angular, white.
 ZAE/03 515 4691800	Ceiling rose for connection of the 5-pole mains cable in case of ceiling outlets. Square, silver-grey.
 ZAR/01 7002300	Ceiling rose, square, white.
 ZAR/03 7002400	Ceiling rose, square, silver grey.

Offer text

Rectangular surface-mounted LED luminaire with microprismatic cover PW19. Luminaire with Active equipment for controlling light colour via separate control unit. For installation on ceilings and overhangs as well as horizontal wall installation 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 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. LED panels configured with warm white and daylight white light colour LEDs. The following information on luminaire luminous flux and power consumption of the system refer to operation of this luminaire with dynamic, settable light colour (HCL) in warm white light colour (2700 K) operating mode. Luminaire luminous flux 5300 lm, connected load 50,00 W, luminous efficiency of luminaire 106 lm/W. Light colour variable (warm white - daylight white), correlated colour temperature (CCT) variable (2700 K - 6000 K), general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) $\leq 3 \text{ SDCM}$, Mean rated service life $L80(t_q 25^\circ\text{C}) = 100,000 \text{ h}$, mean rated service life $L90(t_q 25^\circ\text{C}) = 50,000 \text{ h}$. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). 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. Frame of extruded aluminium profile, colour white. Installation body of sheet steel, colour white. (RAL 9016). Dimensions (L x W): 1557 mm x 320 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): 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. Weight: 9,5 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 control gear unit for switching, dimming and controlling the light colour using DALI Device Type 8-capable control unit. Control gear unit according to DALI-2 standard (EN 62386). 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 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.