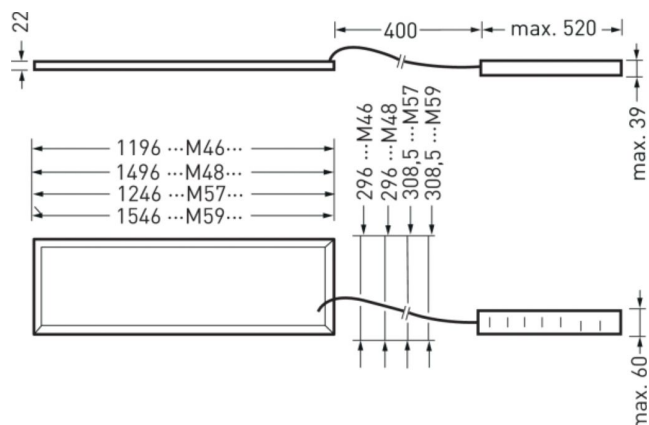


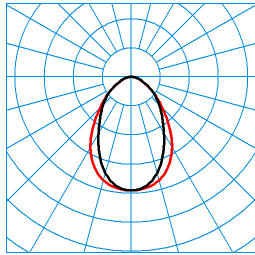


Product features and key data

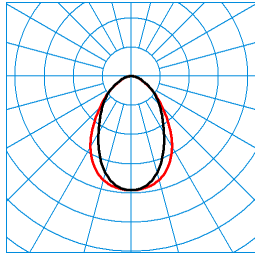
Applications	offices banks foyers sales rooms ticket halls exhibition rooms educational rooms		
Luminaire type	Rectangular recessed LED luminaire with translucent cover DW.		
Light sources	LED panels configured with warm white and daylight white light colour LEDs.		
Mounting method	Lay-in		
Luminaire optic	The optical system consists of a translucent, non-yellowing PMMA cover with high transmission factor. The cover surface is smooth and free of visible microprism structures.		
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	Luminaire body of extruded aluminium profile.		
Electrical version	With external electronic control gear unit to switch, dim and control light colour via DALI device type 8-capable controller.		
DALI-2-Standard EN 62386	Yes		
Connection method	Plug-in terminal		
Dimming range	1 - 100 %		
Mains frequency	50/60 Hz		
Mains voltage	220 - 240 V		
Total harmonic distortion < %	14 %		
Ingress Protection (IP) rating	IP20		
Protection rating on room side	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	1.546 mm		
Net width	309 mm		
Net height	22 mm		
Recess length	1.546 mm		
Recess width	309 mm		
Recess depth	160 mm		

Weight

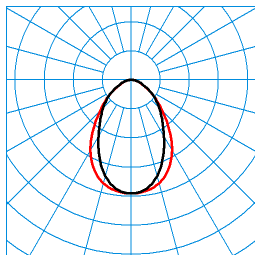
5,3 kg

light distribution curve

**ArimoFit Act M59-TS DW19 53-8 (ActDWW)
TX149870**

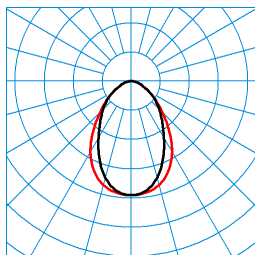
 ■ C0 - C180
 ■ C90 - C270

 UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 62 88 98 100 100 0 0 0 0

**ArimoFit Act M59-TS DW19 53-8 (ActDCW)
TX149868**

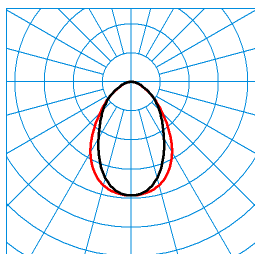
 ■ C0 - C180
 ■ C90 - C270

 UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 62 88 98 100 100 0 0 0 0

**ArimoFit Act M59-TS DW19 53-8 (ActDSU)
TX149869**

 ■ C0 - C180
 ■ C90 - C270

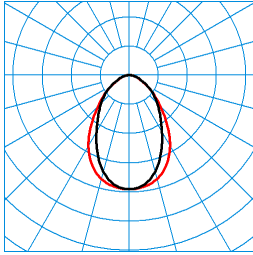
 UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 62 88 98 100 100 0 0 0 0

**ArimoFit Act M59-TS DW19 53-8 + ArimoF M59 ZER (ActDWW)
TX150054**

 ■ C0 - C180
 ■ C90 - C270

 UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 62 88 98 100 100 0 0 0 0

**ArimoFit Act M59-TS DW19 53-8 + ArimoF M59 ZER (ActDCW)
TX150056**

 ■ C0 - C180
 ■ C90 - C270

 UGR I = 18,3
 UGR q = 18,3
 DIN 5040: A50
 UTE: 1,00 C
 CEN Flux Code: 62 88 98 100 100 0 0 0 0


ArimoFit Act M59-TS DW19 53-8 + ArimoF M59 ZER (ActDSU) TX150055

UGR I = 18,3
UGR q = 18,3
DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 62 88 98 100 100 0 0 0 0

■ C0 - C180
■ C90 - C270

Available accessories

Material	Description
 ArimoFit M59 ZER 7574200	Recessing frame for plasterboard ceiling openings ArimoF M59...
 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.

Offer text

Rectangular recessed LED luminaire with translucent cover DW. Version M59 (312.5 mm x 1550 mm). Luminaire with Active equipment for controlling light colour via separate control unit. 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 500 lm. Generation of an enhanced depth effect in the room. Suitable for use in HACCP, IFS version 6 and/or BRC Global Standard Food version 7 certified companies (DIN 10500). For system ceilings with exposed grids. ... 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 translucent, non-yellowing PMMA cover with high transmission factor. The cover surface is smooth and free of visible microprism structures. 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. connected load 50,00 W, 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). Luminaire body of extruded aluminium profile. Surface coated white, (RAL 9016). The narrow side profile is flush with the trunking. 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 be also be used. Safety class (EN 61140): I, 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 . Weight: 5,3 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 electronic control gear unit to switch, dim and control light colour via DALI device type 8-capable controller. 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. Output ripple of the control gear unit $\leq 4 \%$ for effective control of the LED system and for flicker-free light. 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.