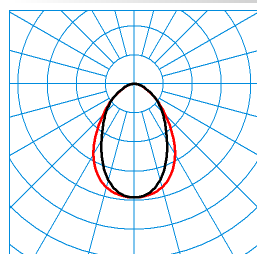


### Product features and key data

<b>Applications</b>	Offices Banks Foyers Sales rooms Ticket halls Exhibition rooms Educational rooms
<b>Luminaire type</b>	Square recessed LED luminaire with microprismatic cover PW.
<b>Mounting method</b>	Recessed Lay-in
<b>Luminaire optic</b>	The optical system consists of a highly efficient PMMA cover with microprisms. PW (prismatic wide).
<b>Connected load</b>	31 W
<b>Power factor</b>	0,95
<b>Colour temperature</b>	4.000 K
<b>Rated luminous flux</b>	4.200 lm
<b>Luminous efficacy</b>	135 lm/W
<b>Interchangeability lightsource</b>	Yes - interchangeable
<b>Service life</b>	L80 (25 °C) = 100.000 h L90 (25 °C) = 50.000 h
<b>Colour rendering index</b>	80
<b>Colour tolerance</b>	3 SDCM
<b>Photobiological class</b>	Group 0 - no risk
<b>Luminaire colour</b>	RAL9005 Jet black
<b>Luminaire body</b>	Luminaire body of extruded aluminium profile.
<b>Electrical version</b>	With external operating device, switchable.
<b>Mains voltage</b>	220 - 240 V
<b>Net length</b>	596 mm
<b>Net width</b>	596 mm
<b>Net height</b>	22 mm
<b>Recess length</b>	596 mm
<b>Recess width</b>	596 mm
<b>Recess depth</b>	160 mm
<b>Weight</b>	3,5 kg

### light distribution curve




**ArimoFit M73 DW19 42-840 ET 05**  
**TX376414**

UGR I = 18,4  
UGR q = 18,4  
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
 <b>ArmoFit M84-TV ZER</b> 7650300	Recessing frame for recessing M73 lay-in luminaires in M84 ceilings with concealed grids.

**ArimoFit ZAS/1000 anti fall/câble de séc**  
 7570500

Fall arrester for recessed ceiling luminaire type: ArimoF M73...



**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 Sky M73-TS ZER**  
 8190200

Sky frame for spatially atmospheric depth effect in the classic, flat module ceiling.

## Offer text

Square recessed LED luminaire with microprismatic cover PW. Version M73 (600 mm x 600mm). 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. ... 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. PW (prismatic wide). 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  $65^\circ$  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 4200 lm, connected load 31,00 W, luminous efficiency of luminaire 135 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI)  $R_a > 80$ . 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. Black powder-coated frame (RAL 9005). Luminaire dimensions (L x W x H): 596 mm, 596 mm, 22 mm. 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 insulation material at  $t_a 25^\circ\text{C}$ ,  $t_{a35^\circ\text{C}}$  without insulation material can be also be used. Safety class (EN 61140): , protection rating (DIN EN 60529): IP, Protection rating on room side: IP, impact resistance level in accordance with IEC 62262: , testing temperature of wire glow test in accordance with IEC 60695-2-11: . 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 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.

## EPREL ID

D: 85401088  
 D: 85401090  
 E: LEDM+Kk ArimoF EA300-840-M73s L57W1 L  
 E: LEDM+Kk ArimoF EA300-840-M73s L57W1 R