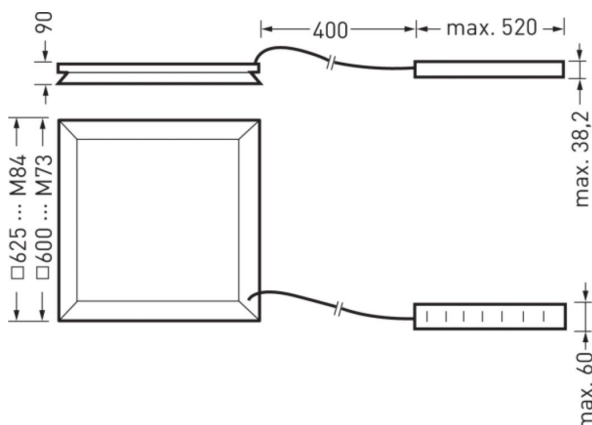
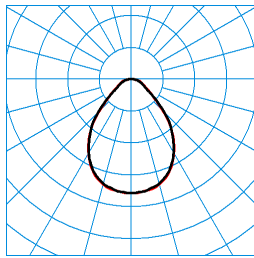


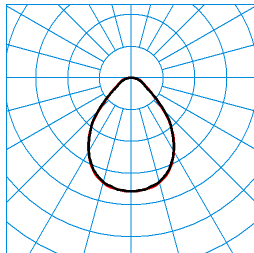


Product features and key data

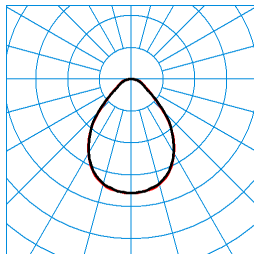
Applications	offices banks foyers sales rooms ticket halls exhibition rooms educational rooms		
Luminaire type	Square recessed LED ceiling luminaire with prismatic PMMA cover.		
Mounting method	Lay-in Recessed		
LED-System	HCL channel 1	HCL channel 2	HCL MAX
Connected load	40 W	37 W	40 W
Power factor	0,95		
Colour temperature	2.700 K	6.000 K	4.000 K
Rated luminous flux	4.200 lm	4.200 lm	4.200 lm
Luminous efficacy	105 lm/W	113 lm/W	105 lm/W
Interchangeability lightsource	Yes - interchangeable		
Service life	L80 (25 °C) = 100.000 h		
Colour rendering index	80		
Colour tolerance	3 SDCM		
Photobiological class	Group 0 - no risk		
Luminaire colour	RAL9016 Traffic white		
Luminaire body	Luminaire body sheet steel.		
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	3 - 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	18		
Max. Luminaires B16	28		
Max. Luminaires C10	28		
Max. Luminaires C16	40		
Net length	623 mm		
Net width	623 mm		
Net height	90 mm		
Recess length	620 mm		
Recess width	620 mm		
Recess depth	160 mm		
Weight	5,4 kg		

light distribution curve

**ArimoF Sky Act M84 PW19 42-8 (ActDWW)
TX149749**

■ C0 - C180
■ C90 - C270

UGR I = 18,2
UGR q = 18,1
DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 65 89 97 100 100 0 0 0 0

**ArimoF Sky Act M84 PW19 42-8 (ActDCW)
TX149750**

■ C0 - C180
■ C90 - C270

UGR I = 18,2
UGR q = 18,1
DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 65 89 97 100 100 0 0 0 0

**ArimoF Sky Act M84 PW19 42-8 (ActDSU)
TX149748**

■ C0 - C180
■ C90 - C270

UGR I = 18,2
UGR q = 18,1
DIN 5040: A50
UTE: 1,00 C
CEN Flux Code: 65 89 97 100 100 0 0 0 0

Available accessories

Material	Description
 ArimoFit M84 ZER 7574000	Recessing frame for plasterboard ceiling openings ArimoF M84...
 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

Square recessed LED ceiling luminaire with prismatic PMMA cover. Version M84 (625 mm x 625 mm). Luminaire with Active equipment for controlling light colour via separate control unit. Sky frame for spatially atmospheric depth effect in the classic, flat module ceiling. The 3-dimensional contour of a rooflight is simulated via the Sky frame. 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. Application also especially in rooms with low room heights for creating a deeper depth effect. Lay-in luminaire for ceilings with exposed grids. With narrow-wide light distribution. 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. 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 4200 lm, connected load 40,00 W, luminous efficiency of luminaire 105 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) ≤ 3 SDCM, Mean rated service life $L_{80}(t_q 25^\circ\text{C}) = 100,000 \text{ h}$. The light source is replaceable according to the ecodesign requirements (VO (EU) 2019/2020). Luminaire body sheet steel. (RAL 9016). Dimensions (L x W): 623 mm x 623 mm, luminaire height 90 mm. Protection rating on room side IP40. 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: 5,4 kg. With 5-pole terminal to $2,5 \text{ mm}^2$ for mains connection and further wiring. DALI connection and DALI through-wiring to $1,5 \text{ mm}^2$. Mains connection of control unit is with a connection terminal. For simple and rapid installation, connection between the luminaire and secondary connection control gear unit is via plug connection. 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. Connecting the luminaire to the control gear unit is possible with operating voltage on without disturbances. The luminaire is suitable for operation on a 230V direct voltage supply grid (DC). The luminaire complies with the fundamental requirements of applicable EU regulations and product safety legislation and bears the CE symbol.

EPREL ID



ArimoFit Sky Act M84 PW19 42-8 ETDD8

TOC: 7527562

C: 85401069

C: 85401070