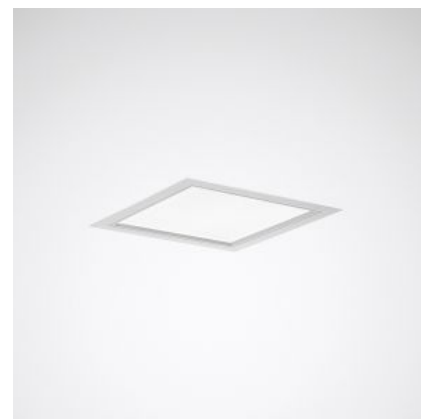
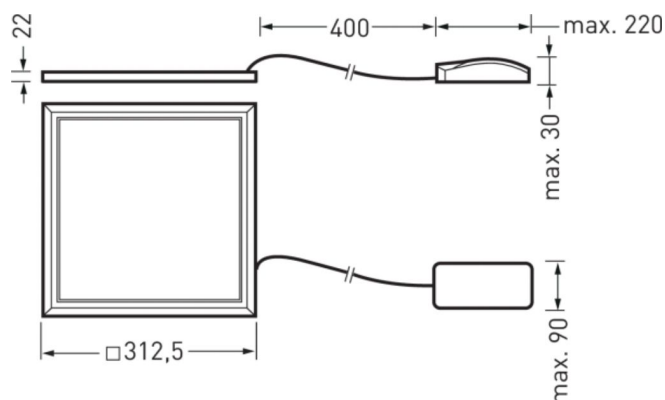
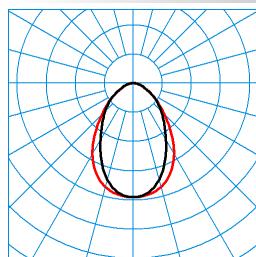




Product features and key data

Applications	offices banks foyers sales rooms ticket halls exhibition rooms educational rooms
Luminaire type	Square recessed LED ceiling luminaire with translucent PMMA cover DW.
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.
Connected load	18 W
Power factor	0,90
Colour temperature	4.000 K
Rated luminous flux	2.100 lm
Luminous efficacy	116 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 operating device, switchable.
Connection method	Plug-in terminal
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	II
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	310 mm
Net width	310 mm
Net height	22 mm
Recess length	297 mm
Recess width	297 mm
Recess depth	100 mm
Weight	1,3 kg

light distribution curve

**ArimoFit M52 DW 20-840
TX370000**

UGR I = 21,8
 UGR q = 21,8
 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 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 translucent PMMA cover DW. Version M52 (312,5 mm x 312,5 mm). 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 475 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). Luminaires only suitable for plasterboard ceilings, installation accessories included in the scope of supply. 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. 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. Connected load 18,00 W, connected load 18,00 W, luminous efficiency of luminaire 116 lm/W. Light colour neutral white, correlated colour temperature (CCT) 4000 K, general colour rendering index (CRI) $R_a > 80$. Colour locus tolerance (initial MacAdam) ≤ 3 SDCM, Mean rated service life $L_{80}(t_{q 25^\circ C}) = 100,000$ h, mean rated service life $L_{90}(t_{q 25^\circ C}) = 50,000$ 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 insulation material at $t_a 25^\circ C$, $t_{a35^\circ C}$ without insulation material can be also be used. Safety class (EN 61140): II, 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: 1,3 kg. Polarity-protected rapid connection with mains through-wiring up to $\varnothing 2.5$ mm². 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 also ENEC-certified by an independent testing authority. 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: 85401078
 D: 85401080