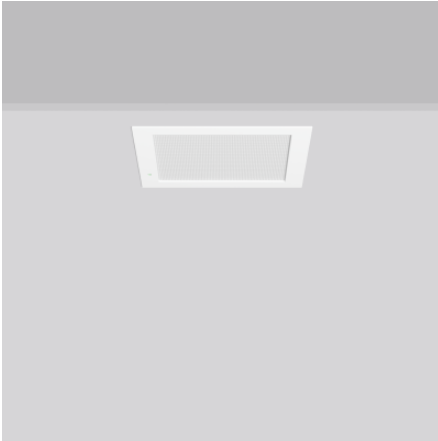


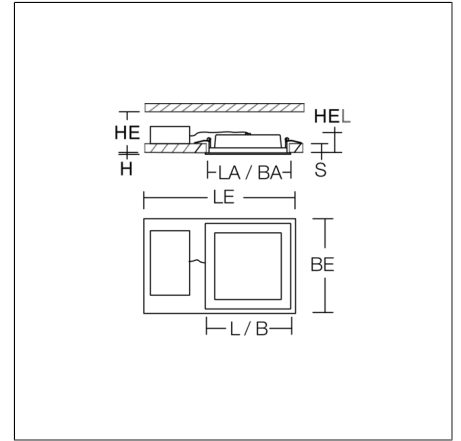
TOLEDO FLAT+ square

672751.002.04 |



Recessed downlights
4051859995128
L 230, B 230, H 2

Recessed ceiling mounting
white



Flexible square recessed multifunction downlight. Luminaire for escape route illumination. Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated. Diffuser made of non-yellowing plastic (PMMA) microprismatic. LED backlight technology for homogeneous illumination of the entire light-emitting surface. Ceiling installation with spring system. Including separate LED converter with connecting cable 250 mm.

TOLEDO FLAT+ square

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Product specifications

Typ of emergency lighting	Self-contained system
Monitoring	MultiDigit
Battery	LiFePO4
Duration	8 h
Operating mode	maintained power mode
Length L	230 mm
Width B	230 mm
Height H	2 mm
Cut-out length LA	217 mm
Cut-out width BA	217 mm
Installation space height HE	90 mm
Luminaire: recess height HEL	36 mm
Ceiling thickness S	1-20 mm
Weight	1.85 kg
Light source	LED
Colour temperature	3000 K 4000 K
Rated luminous flux, mains operation	1000 lm 1200 lm 1650 lm 1850 lm
System power, mains operation	11 W 13 W 16 W 18 W
Rated luminous flux, emergency operation	160 lm
System efficiency	91 lm/W 92 lm/W 103 lm/W 103 lm/W
Glare evaluation UGR (4H 8H)	20,9 21,6 22,7 23,1
Beam angle	91°
Rated life	50000 h
Colour rendering index (CRI)	80
Photobiological safety according to EN 62471	Risk group 1
Driver	Converter
Control	on/off
Voltage	220 - 240 V / 50 Hz, 60 Hz
Luminaires on B10A fuse	33
Luminaires on B16A fuse	54
Luminaires on C10A fuse	33
Luminaires on C16A fuse	54
Inrush current / Inrush current duration	14.5 A / 168 µs
CIE Flux Code / CEN Flux Code	62 89 98 100 100
Type of protection	IP 54 on room side IP 20
Protection class	II
Filament test	650 °C
Impact resistance	IK03
Ambient temperature for maintained power	5 °C ... + 35 °C
Ambient temperature for non-maintained power mode	5 °C ... + 35 °C
Safety marks	Do not cover the recessed luminaire!
Conformity mark	CE, EAC