

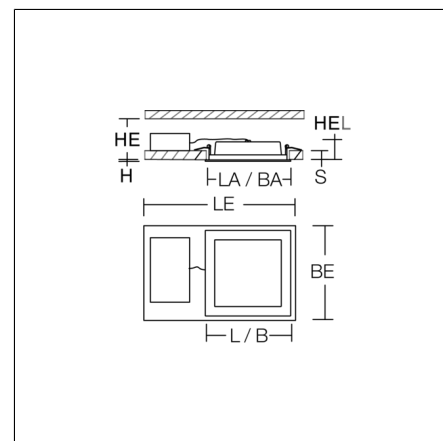
# TOLEDO FLAT+ square

672746.002.07 |



Recessed downlights  
4051859994978  
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), opal. 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.

## Product specifications

Typ of emergency lighting	Self-contained system
Monitoring	DALI-Sibe
Battery	LiFePO4
Duration	3 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	1050 lm   1350 lm   1900 lm   2100 lm
System power, mains operation	11 W   13 W   16 W   18 W
Rated luminous flux, emergency operation	430 lm
System efficiency	95 lm/W   104 lm/W   117 lm/W   119 lm/W
Glare evaluation UGR (4H 8H)	24,5   25,4   26,6   27
Beam angle	112°
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	47 79 96 100 100
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