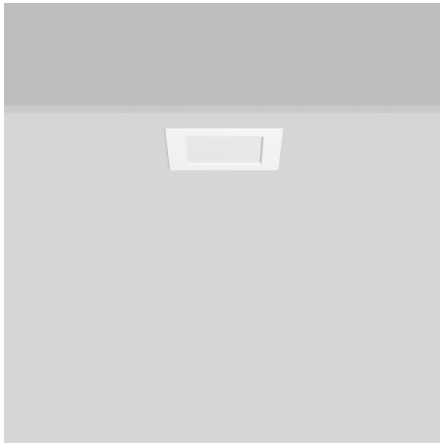


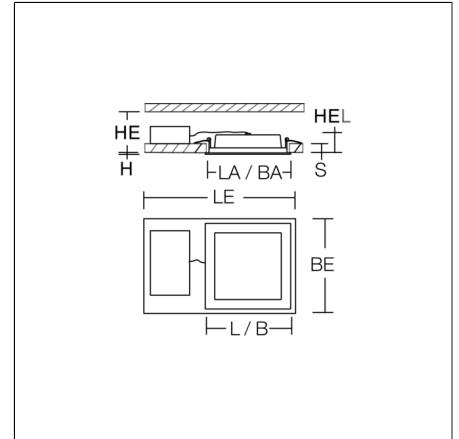
# TOLEDO FLAT+ square

901814.002 | Recessed downlights



Recessed downlights  
4051859932017  
L 150, B 150, H 2

Recessed ceiling mounting  
white



Flexible square recessed multifunction downlight. Housing: sheet steel, powder-coated. Luminaire frame: aluminium, powder-coated. Light guide and diffuser made of non-yellowing PMMA, opal matt. LED backlight technology for homogeneous illumination of the entire light-emitting surface. MultiColour: Colour temperature individually adjustable either 3000 K or 4000 K via switching element. Factory setting is 4000 K. MultiLumen: 4 steps adjustable luminous flux. Factory setting is step 2. Suitable for Recessed ceiling mounting. Ceiling installation with spring system. Can be directly covered with thermal insulation material (applies only to the lower lumen levels). Including separate LED converter with connecting cable 250 mm. Suitable for through-wiring with separately available accessories. Through-wiring box (5 pole) available as accessory. Surface mounted housing as accessory for all sizes.

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901814.002 | Recessed downlights

## Product specifications

Length L	150 mm
Width B	150 mm
Height H	2 mm
Cut-out length LA	137 mm
Cut-out width BA	137 mm
Luminaire: recess height HEL	37 mm
Ceiling thickness S	1-20 mm
Installation space length LE	330 mm
Installation space width BE	260 mm
Installation space height HE	60 mm
Weight	326 g
Light source	LED
Colour temperature	3000 K   4000 K
Rated luminous flux	570 lm   720 lm   1000 lm   1150 lm
System power	4.5 W   6 W   8 W   9.5 W
System efficiency	120 lm/W   121 lm/W   125 lm/W   127 lm/W
Glare evaluation UGR (4H 8H)	26,3   27,1   28,3   28,8
Beam angle	111°
Rated life	50000 h (L80/B10)
Colour rendering index (CRI)	80
Colour tolerance	3
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	53
Luminaires on B16A fuse	85
Luminaires on C10A fuse	53
Luminaires on C16A fuse	85
Inrush current / Inrush current duration	3.46 A / 90 µs
CIE Flux Code / CEN Flux Code	48 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	-20 °C ... + 35 °C
Safety marks	Do not cover the recessed luminaire!
Conformity mark	CE, EAC

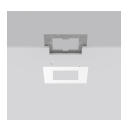
## Accessories



982921.002  
Surface mounted housing



982703.002  
Through-wiring box



983081.002  
refurbishment frames for recessed luminaires



983110.002  
HF movement sensor in separate box.