

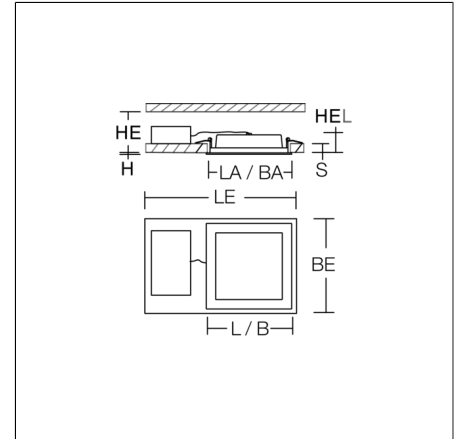
TOLEDO FLAT+ square

901815.002 | Recessed downlights



Recessed downlights
4051859932215
L 230, B 230, 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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Product specifications

Length L	230 mm
Width B	230 mm
Height H	2 mm
Cut-out length LA	217 mm
Cut-out width BA	217 mm
Luminaire: recess height HEL	36 mm
Ceiling thickness S	1-20 mm
Installation space length LE	400 mm
Installation space width BE	330 mm
Installation space height HE	60 mm
Weight	643 g
Light source	LED
Colour temperature	3000 K 4000 K
Rated luminous flux	1050 lm 1350 lm 1900 lm 2100 lm
System power	8 W 10 W 13 W 15 W
System efficiency	131 lm/W 135 lm/W 140 lm/W 146 lm/W
Glare evaluation UGR (4H 8H)	24,5 25,4 26,6 27
Beam angle	112°
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	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	-20 °C ... + 35 °C
Safety marks	Do not cover the recessed luminaire!
Conformity mark	CE, EAC

Accessories



982922.002
Surface mounted housing



982703.002
Through-wiring box



983082.002
refurbishment frames for recessed luminaires



983110.002
HF movement sensor in separate box.