

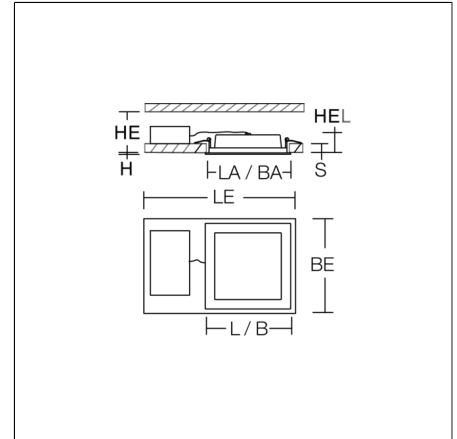
TOLEDO FLAT+ square

901815.002.2.730 | Recessed downlights



Recessed downlights
4051859932420
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. Tunable white dynamically adjustable from 2700 K to 6500 K. 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. With Casambi smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

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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	430 mm
Installation space width BE	330 mm
Installation space height HE	60 mm
Weight	802 g
Light source	LED
Colour temperature	2700 - 6500 K
Rated luminous flux	1750...1800 lm
System power	15...15 W
System efficiency	117...120 lm/W
Beam angle	113°
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, dimmable
Control	smart+free (Bluetooth)
Voltage	220 - 240 V / 50 Hz, 60 Hz
Luminaires on B10A fuse	10
Luminaires on B16A fuse	16
Luminaires on C10A fuse	16
Luminaires on C16A fuse	26
Inrush current / Inrush current duration	26.4 A / 224 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



983082.002
refurbishment frames for recessed luminaires