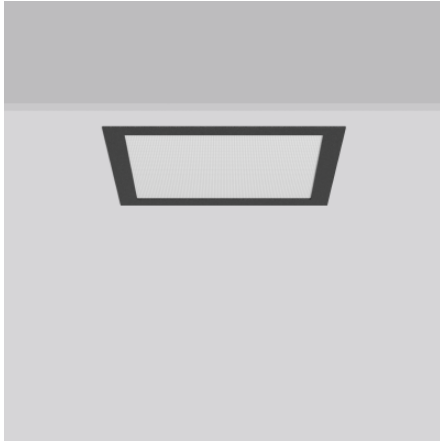


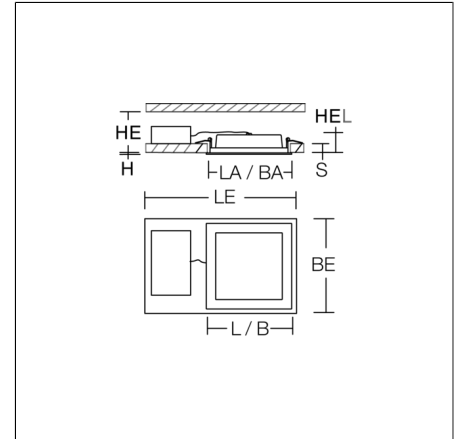
TOLEDO FLAT+ square

901818.0031.19 | Recessed downlights



Recessed downlights
4051859933205
L 310, B 310, H 2

Recessed ceiling mounting
anthracite metallic (DB703)



Flexible square recessed multifunction downlight. 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. 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. Connected HF motion detector in a separate ballast box. Easy setup via buttons. Adjustable functions: Holding time: 5 sec. - 15 min., adjustable in 4 steps. Detection angle 30°-150°. Range: up to 10 m, adjustable in 4 steps.

TOLEDO FLAT+ square

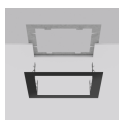
901818.0031.19 | Recessed downlights



Product specifications

Length L	310 mm
Width B	310 mm
Height H	2 mm
Cut-out length LA	297 mm
Cut-out width BA	297 mm
Luminaire: recess height HEL	42 mm
Ceiling thickness S	1-20 mm
Installation space length LE	550 mm
Installation space width BE	500 mm
Installation space height HE	70 mm
Weight	1.2 kg
Light source	LED
Colour temperature	3000 K 4000 K
Rated luminous flux	1500 lm 1950 lm 2400 lm 2800 lm
System power	13 W 17 W 21 W 24 W
System efficiency	114 lm/W 115 lm/W 115 lm/W 117 lm/W
Glare evaluation UGR (4H 8H)	19,8 20,8 21,5 22
Beam angle	91°
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	35
Luminaires on B16A fuse	56
Luminaires on C10A fuse	40
Luminaires on C16A fuse	64
Inrush current / Inrush current duration	14 A / 166 µs
CIE Flux Code / CEN Flux Code	62 89 97 100 100
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
Conformity mark	CE, EAC

Accessories



983083.0031
refurbishment frames for recessed luminaires