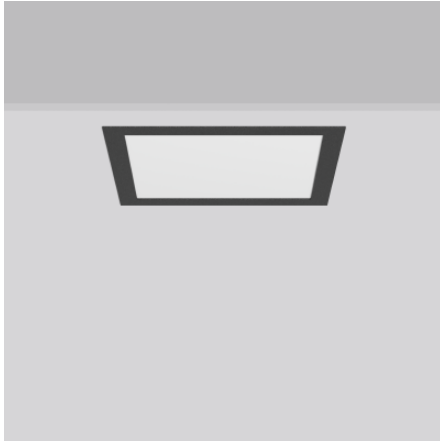


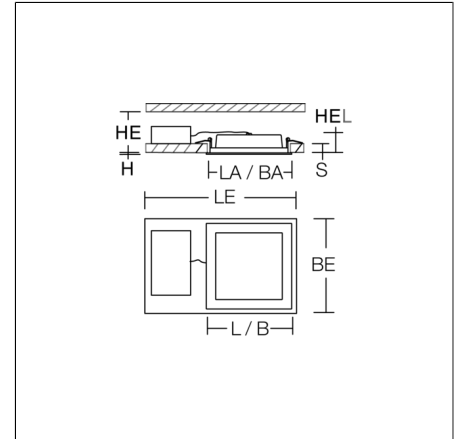
TOLEDO FLAT+ square

901817.0031.19 | Recessed downlights



Recessed downlights
4051859933007
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. 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. 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

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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	1.17 kg
Light source	LED
Colour temperature	3000 K 4000 K
Rated luminous flux	1650 lm 2150 lm 2650 lm 3050 lm
System power	13 W 17 W 21 W 24 W
System efficiency	126 lm/W 126 lm/W 127 lm/W 127 lm/W
Glare evaluation UGR (4H 8H)	23,6 24,6 25,3 25,8
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	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	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
Conformity mark	CE, EAC

Accessories



983083.0031
refurbishment frames for recessed luminaires