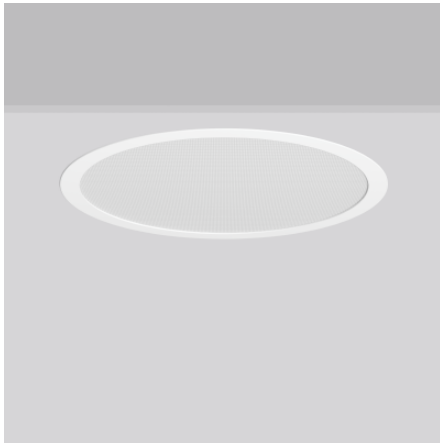


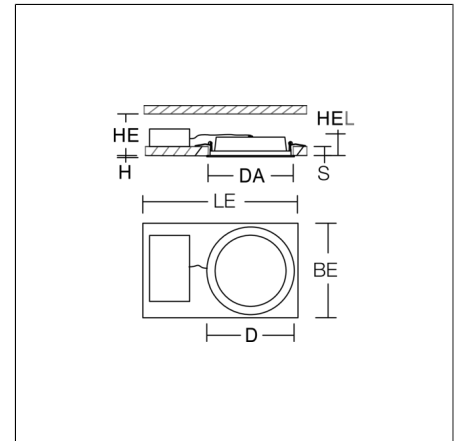
TOLEDO FLAT+ round

901813.002 | Recessed downlights



Recessed downlights
4051859931751
D 470, H 2

Recessed ceiling mounting
white



Flexible round 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. Suitable for through-wiring with separately available accessories. Through-wiring box (5 pole) available as accessory. Surface mounted housing as accessory for all sizes.

TOLEDO FLAT+ round

901813.002 | Recessed downlights



Product specifications

Diameter D	470 mm
Height H	2 mm
Cut-out diameter DA	457 mm
Luminaire: recess height HEL	41 mm
Ceiling thickness S	1-20 mm
Installation space length LE	630 mm
Installation space width BE	570 mm
Installation space height HE	70 mm
Weight	1.65 kg
Light source	LED
Colour temperature	3000 K 4000 K
Rated luminous flux	2600 lm 3050 lm 3450 lm 3800 lm
System power	22 W 26 W 30 W 33 W
System efficiency	115 lm/W 115 lm/W 117 lm/W 118 lm/W
Glare evaluation UGR (4H 8H)	18,5 19 19,4 19,8
Beam angle	78°
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	21
Luminaires on B16A fuse	33
Luminaires on C10A fuse	27
Luminaires on C16A fuse	44
Inrush current / Inrush current duration	27.3 A / 144 µs
CIE Flux Code / CEN Flux Code	67 90 98 100 100
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



982920.002
Surface mounted housing



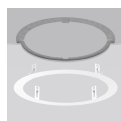
982924.002
Insert frames for modular grid ceilings 600.



982925.002
Insert frames for modular grid ceilings 625.



982703.002
Through-wiring box



983080.002
refurbishment frames for recessed luminaires



983110.002
HF movement sensor in separate box.