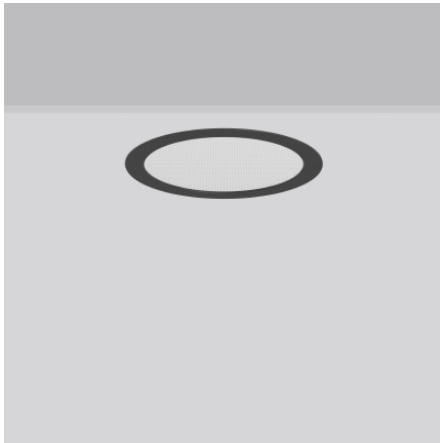


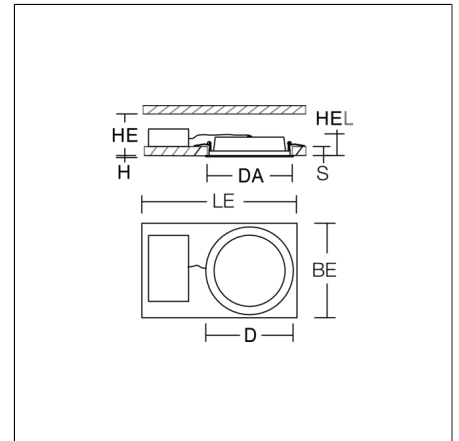
# TOLEDO FLAT+ round

901809.0031 | Recessed downlights



Recessed downlights  
4051859930921  
D 270, H 2

Recessed ceiling mounting  
anthracite metallic (DB703)



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.

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## Product specifications

Diameter D	270 mm
Height H	2 mm
Cut-out diameter DA	257 mm
Luminaire: recess height HEL	40 mm
Ceiling thickness S	1-20 mm
Installation space length LE	440 mm
Installation space width BE	380 mm
Installation space height HE	60 mm
Weight	674 g
Light source	LED
Colour temperature	3000 K   4000 K
Rated luminous flux	1450 lm   1950 lm   2450 lm   2800 lm
System power	12 W   15 W   19 W   22 W
System efficiency	121 lm/W   127 lm/W   129 lm/W   130 lm/W
Glare evaluation UGR (4H 8H)	21,7   22,7   23,5   24
Beam angle	89°
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	63 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
Safety marks	Do not cover the recessed luminaire!
Conformity mark	CE, EAC

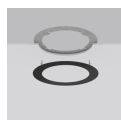
## Accessories



982918.0031  
Surface mounted housing



982703.002  
Through-wiring box



983078.0031  
refurbishment frames for recessed luminaires



983110.002  
HF movement sensor in separate box.