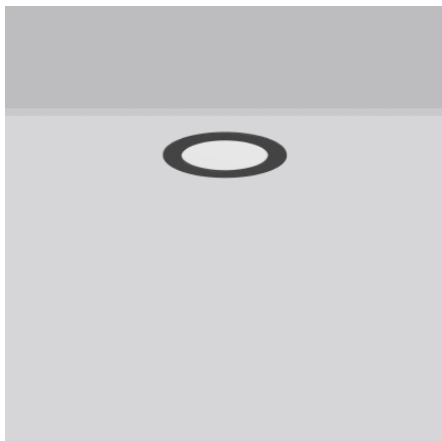


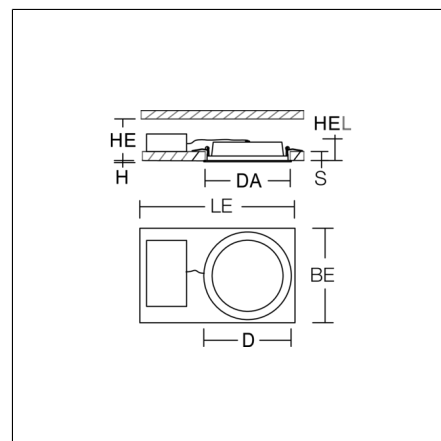
# TOLEDO FLAT+ round

901807.0031 | Recessed downlights



Recessed downlights  
4051859930440  
D 165, H 2

Recessed ceiling mounting  
anthracite metallic (DB703)



Flexible round 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. 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

901807.0031 | Recessed downlights



## Product specifications

|  |   |
|--|---|
| Diameter D                                   | 165 mm                                    |
| Height H                                     | 2 mm                                      |
| Cut-out diameter DA                          | 152 mm                                    |
| Luminaire: recess height HEL                 | 35 mm                                     |
| Ceiling thickness S                          | 1-20 mm                                   |
| Installation space length LE                 | 330 mm                                    |
| Installation space width BE                  | 270 mm                                    |
| Installation space height HE                 | 60 mm                                     |
| Weight                                       | 317 g                                     |
| Light source                                 | LED                                       |
| Colour temperature                           | 3000 K   4000 K                           |
| Rated luminous flux                          | 570 lm   720 lm   1000 lm   1150 lm       |
| System power                                 | 4.5 W   6 W   8 W   9.5 W                 |
| System efficiency                            | 120 lm/W   121 lm/W   125 lm/W   127 lm/W |
| Glare evaluation UGR (4H 8H)                 | 26,2   27   28,2   28,7                   |
| 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                      | 53  |
| Luminaires on B16A fuse                      | 85  |
| Luminaires on C10A fuse                      | 53  |
| Luminaires on C16A fuse                      | 85  |
| Inrush current / Inrush current duration     | 3.46 A / 90 µs                            |
| CIE Flux Code / CEN Flux Code                | 48 79 96 100 100                          |
| Type of protection                           | IP 54 on room side<br>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                                   |

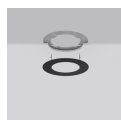
## Accessories



982917.0031  
Surface mounted housing



982703.002  
Through-wiring box



983077.0031  
refurbishment frames for recessed luminaires



983110.002  
HF movement sensor in separate box.