

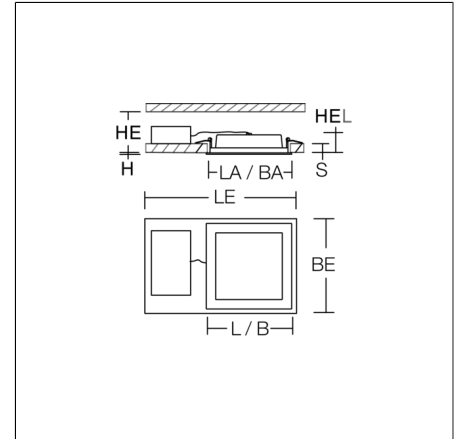
TOLEDO FLAT+ square

901815.0031.76 | Recessed downlights



Recessed downlights
4051859932246
L 230, B 230, 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. Suitable for through wiring as standard. Surface mounted housing as accessory for all sizes.

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Product specifications

| | |
|--|---|
| Length L | 230 mm |
| Width B | 230 mm |
| Height H | 2 mm |
| Cut-out length LA | 217 mm |
| Cut-out width BA | 217 mm |
| Luminaire: recess height HEL | 36 mm |
| Ceiling thickness S | 1-20 mm |
| Installation space length LE | 400 mm |
| Installation space width BE | 330 mm |
| Installation space height HE | 60 mm |
| Weight | 720 g |
| Light source | LED |
| Colour temperature | 3000 K 4000 K |
| Rated luminous flux | 1050 lm 1350 lm 1900 lm 2100 lm |
| System power | 8 W 10 W 13 W 15 W |
| System efficiency | 131 lm/W 135 lm/W 140 lm/W 146 lm/W |
| Glare evaluation UGR (4H 8H) | 24,5 25,4 26,6 27 |
| 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, dimmable |
| Control | DALI |
| Voltage | 220 - 240 V / 50 Hz, 60 Hz |
| Luminaires on B10A fuse | 66 |
| Luminaires on B16A fuse | 106 |
| Luminaires on C10A fuse | 66 |
| Luminaires on C16A fuse | 106 |
| Inrush current / Inrush current duration | 4.24 A / 41 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 |
| Safety marks | Do not cover the recessed luminaire! |
| Conformity mark | CE, EAC |

Accessories



982922.0031
Surface mounted housing



983082.0031
refurbishment frames for recessed luminaires