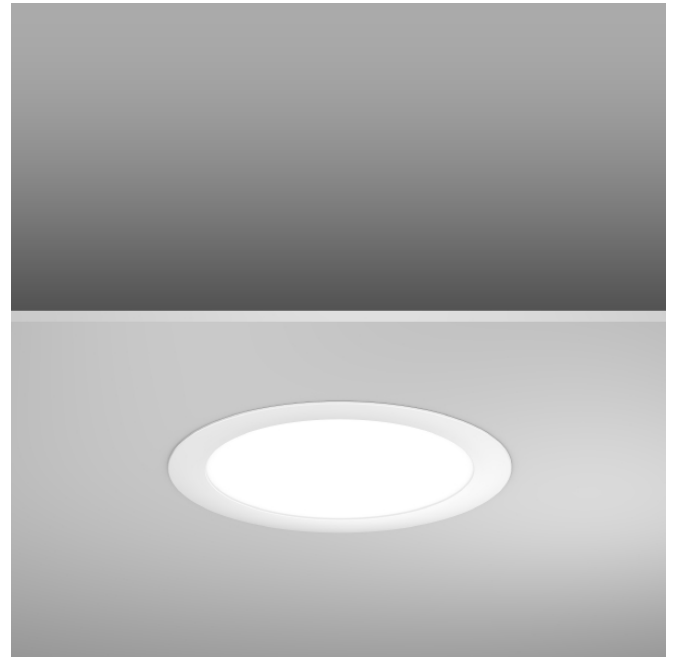
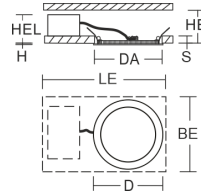


Toledo Flat Round

901484.002 | Recessed downlights



Recessed downlights
4051859087052
LED
D 317, H 3, HEL 31-51



Ultra thin recessed LED downlight. Housing: die-cast aluminium. Light guide and diffuser made of non-yellowing PMMA, opal matt. Can be directly covered with thermal insulation material. Ceiling installation with spring system. Mounting depth depends on ceiling strength. Including separate LED converter with connecting cable 250 mm. Surface mounted housing as accessory for all sizes. Retrofittable decorative cylinders made of chintz fabric as accessory, optional with satin finish plastic diffuser. Through-wiring box (5 pole) available as accessory.

Colour

Colour white

Dimensions

Diameter D 317 mm
Height H 3 mm
Cut-out diameter DA 288 mm
Recess height HE 31-54 mm
Luminaire: recess height HEL 31-51 mm
Ceiling thickness S 1-20 mm
Dimensions L 128 x B 41 x H 30 mm
Weight 1,26 kg

Lamp

Lamp LED
Colour temperature 3000K
Colour rendering index (CRI) 80
Colour tolerance 4
Rated life 50000 h (L70/B10)
Photobiological safety according to EN 62471 Risk group 0

Lighting technology

Colour temperature 3.000 K
Rated luminous flux 2.150 lm
Glare evaluation UGR (4H 8H) 1 25,5
Beam angle Down 1 107°
Beam angle combined Up 1 0°

Electrical

Control gear Converter
Voltage 220 - 240 V / 50 - 60 Hz
Luminaires on B10A fuse 32
Luminaires on B16A fuse 51
Luminaires on C10A fuse 32
Luminaires on C16A fuse 51
Inrush current / Inrush current duration 7 A / 100 µs
Ripple current / Flicker 5 %
System power 22 W
Luminaire efficacy 98 lm/W
Total harmonic distortion 20 %
Power factor 0,9

Approbations

Type of protection IP 20, IP 54
Protection class II
Filament test 650°C - 30 seconds
Impact resistance IK06 (1 Joule)
Safety marks F-mark
Ambient temperature min. -20 °C
Ambient temperature max. 35 °C
ULOR 0
Conformity mark CE, EAC
CIE Flux Code / CEN Flux Code 49 80 96 100 100
Energieeffizienzklasse 2019/2015 D
Non-maintained power mode Umgebungstemperatur / temperature ambiante
=> -20 °C ... + 35 °C

Toledo Flat Round

901484.002 | Recessed downlights



Accessories

982119.002	Surface mounted housing D 319, H 60 for Toledo Flat Round D 317
982322.002	Chintz lampshades D 322, H 60 Chintz decorative cylinder for Toledo Flat Round D 317
982703.002	Through-wiring box DALI L 98, B 55, H 28 Through-wiring box, 5 pole