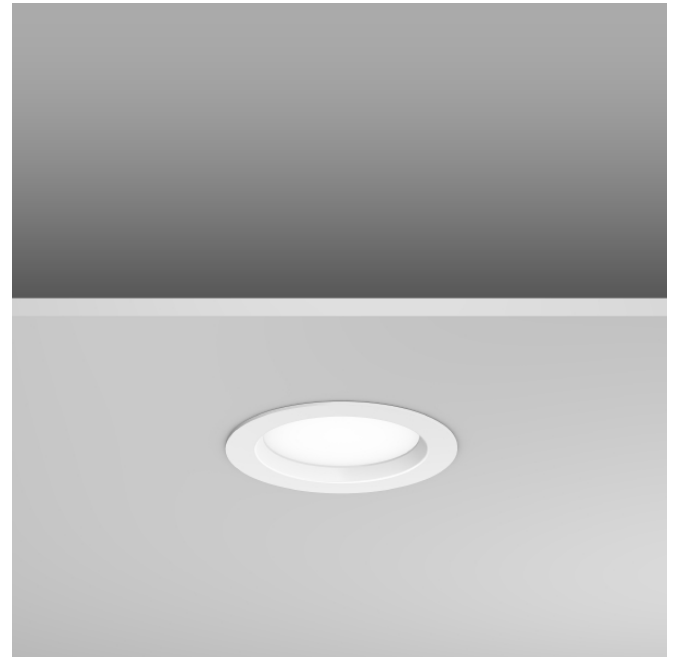
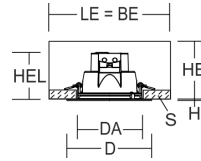


# Toledo

901699.002 | Recessed downlights

Recessed downlights  
4051859498919  
LED  
D 130, H 2



Round recessed downlight. Housing: plastic (polycarbonate), UV-resistant. Bezel ring: die-cast aluminium, powder-coated Diffuser plastic (polycarbonate UV-resistant) opal, impact resistant. Multicolour function: colour temperature variable via rear switching element. Choice of 3000 K or 4000 K. Factory-set to 4000 K. Installation without tools thanks to spring fastening system. Suitable for through-wiring. Electronic ballast included.

## Colour

Colour white

## Dimensions

Diameter D 130 mm  
Height H 2 mm  
Cut-out diameter DA 105 mm  
Recess height HE 100 mm  
Luminaire: recess height HEL 71 mm  
Ceiling thickness S 1-25 mm  
Weight 190 g

## Lamp

Lamp LED  
Colour temperature 3000K, 4000K  
Colour rendering index (CRI) 80  
Colour consistency (McAdam) 4  
Lifetime 50000 h (L70/B50)  
Photobiological safety according to EN 62471 Risk group 1

## Lighting technology

Colour temperature	4.000 K
Rated luminous flux	750 lm
Glare evaluation UGR (4H 8H) 1	27,4
Beam angle	104°
Colour temperature 2	3.000 K
Rated luminous flux 2	700 lm
Glare evaluation UGR (4H 8H) 2	27,2
Beam angle 2	104°

## Electrical

Control gear	Converter
Voltage	220 - 240 V / 50 Hz, 60 Hz
Luminaires on B10A fuse	102
Luminaires on B16A fuse	162
Luminaires on C10A fuse	168
Luminaires on C16A fuse	275
Inrush current / inrush current duration	5.5 A / 3 µs
Ripple current / Flicker	19 %
System power	6,5 W
Luminaire efficacy	116 lm/W
System power 2	6,5 W
Luminaire efficacy 2	108 lm/W

# Toledo

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## Approbations

Type of Protection	IP 20, IP 44
Anmerkung Schutzart	IP 20, IP 44 on room side
Protection Class	II
Glow Wire Test	750°C - 30 seconds
Impact Protection	IK05 (0,70 Joule)
Test marks	EAC
Safety marks	Einbauleuchte nicht bedecken!, F-mark
Ambient temperature min.	-30 °C
Ambient temperature max.	40 °C
ULOR	0
Handelszeichen	CE, EAC
CIE Flux Code / CEN Flux Code	51 83 98 100 100
Energy efficiency class LED	A++
Energy class of included lamp	A++