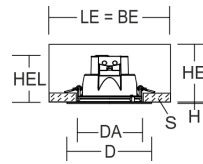


Arelo

901703.002 | Recessed downlights

Recessed downlights
4051859499183
LED
D 172, H 2



Round recessed downlight. Housing: plastic (polycarbonate), UV-resistant. Bezel ring: die-cast aluminium, powder-coated Aluminium faceted reflector, highly polished anodised finish for brilliant illumination. Satin finish LED diffuser to reduce direct glare. 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. Converter integrated in the luminaire housing. Suitable for through-wiring.

Colour

Colour white

Dimensions

Diameter D 172 mm
Height H 2 mm
Cut-out diameter DA 150 mm
Recess height HE 140 mm
Luminaire: recess height HEL 92 mm
Ceiling thickness S 1-25 mm
Weight 341 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 1.800 lm
Glare evaluation UGR (4H 8H) 1 22,5
Beam angle 91°
Colour temperature 2 3.000 K
Rated luminous flux 2 1.650 lm
Glare evaluation UGR (4H 8H) 2 22
Beam angle 2 88°

Electrical

Control gear Converter
Voltage 220 - 240 V / 50 Hz, 60 Hz
Luminaires on B10A fuse 82
Luminaires on B16A fuse 130
Luminaires on C10A fuse 135
Luminaires on C16A fuse 221
Inrush current / inrush current duration 3.7 A / 5 µs
Ripple current / Flicker 24 %
System power 16 W
Luminaire efficacy 113 lm/W
System power 2 16 W
Luminaire efficacy 2 104 lm/W

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	73 98 100 100 100
Energy efficiency class LED	A++
Energy class of included lamp	A++