

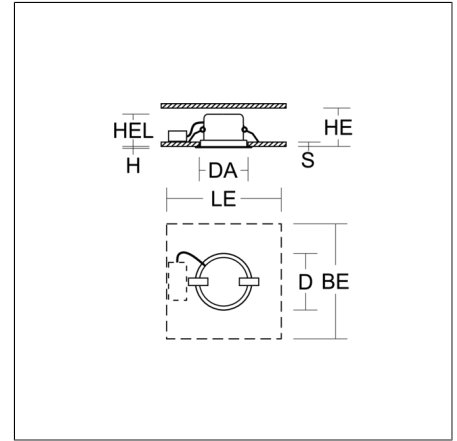
# LEDONA round

901797.002.1.76 | Recessed downlights



Recessed downlights  
4051859917977  
D 180, H 3

Recessed ceiling mounting  
white



Recessed LED downlight featuring advanced technology and sophisticated design. Housing: die-cast aluminium constructed as heat sink. Bezel ring: die-cast aluminium, powder-coated. Standard Gore™ Protective Vents diaphragm valve to avoid condensation. Luminaire also maintains the high protection type inside the false ceiling (does not apply to converter, IP 20). Closed version. Cover clear single-pane toughened glass. Faceted reflector: parabolic four-segment design, frosted aluminium, with highly polished light mixing chamber. MultiLumen: Luminous flux adjustable in different steps. Best colour rendering index Ra>90. Installation without tools thanks to spring fastening system. Connected converter included in separate gearbox. With connecting cable (L 250 mm). Suitable for through wiring as standard. Ball impact proof in accordance with DIN 18032-3. Qualified for use in the food and drink industry.

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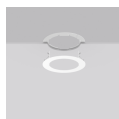
## Product specifications

Diameter D	180 mm
Height H	3 mm
Cut-out diameter DA	160 mm
Luminaire: recess height HEL	92 mm
Ceiling thickness S	1-20 mm
Installation space length LE	500 mm
Installation space width BE	500 mm
Installation space height HE	92 mm
Weight	1.2 kg
Light source	LED
Colour temperature	4000 K
Rated luminous flux	1650 lm   2650 lm   3550 lm   4750 lm
System power	12 W   19 W   27 W   39 W
System efficiency	122 lm/W   131 lm/W   138 lm/W   139 lm/W
Glare evaluation UGR (4H 8H)	18,7   20,4   21,4   22,4
Beam angle	65°
Rated life	50000 h (L90/B50)
Colour rendering index (CRI)	92
Colour tolerance	2
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	18
Luminaires on B16A fuse	30
Luminaires on C10A fuse	23
Luminaires on C16A fuse	36
Inrush current / Inrush current duration	50 A / 10 µs
CIE Flux Code / CEN Flux Code	89 99 100 100 100
Type of protection	IP 65 on room side IP 20
Protection class	II
Filament test	850 °C
Impact resistance	IK07
Ambient temperature	5 °C ... + 35 °C
Safety marks	Do not cover the recessed luminaire!
Conformity mark	CE, EAC

## Accessories



982703.002  
Through-wiring box



982622.002  
refurbishment frames for recessed luminaires