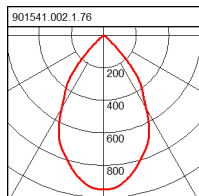
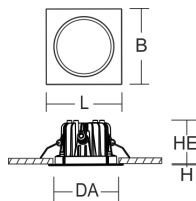


Ledona Square IP65

901541.002.1.76 | Recessed downlights

Recessed downlights
4051859111962
LED
L 170, B 170, H 3



Recessed LED downlight featuring advanced technology and sophisticated design. Housing: die-cast aluminium constructed as heat sink. Square cover plate: die-cast aluminium, powder coated. Round ceiling cut-out also with square types. Closed version. Cover clear single-pane tempered glass. Standard Gore™ Protective Vents diaphragm valve to avoid condensation. Luminaire also maintains the high protection rating inside the false ceiling (does not apply to converter, IP 20). Faceted reflector: parabolic four-segment design, frosted aluminium, with highly polished light mixing chamber. Installation without tools thanks to spring fastening system. Connected converter included in separate gearbox. With connecting cable (L 250 mm). Suitable for through-wiring. The converter is compatible with DC, making it ideal for central battery systems. Ball impact proof in accordance with DIN 18032-03. Suitable for use in the food and drink industry.

Colour

Colour white

Dimensions

Length L	170 mm
Width B	170 mm
Height H	3 mm
Cut-out diameter DA	160 mm
Recess height HE	92 mm
Ceiling thickness S	1-20 mm
Dimensions	L 178 x B 92 x H 30 mm
Weight	1,41 kg

Lamp

Lamp	LED
Colour temperature	4000K
Colour rendering index (CRI)	85
Colour consistency (McAdam)	2
Lifetime	50000 h (L90/B10)
Photobiological safety according to EN 62471	Risk group 1

Lighting technology

Colour temperature	4.000 K
Rated luminous flux	2.650 lm
Glare evaluation UGR (4H 8H) 1	20,3
Beam angle	64°

Electrical

Control gear	DALI
Voltage	220 - 240 V / 0 Hz, 50 - 60 Hz
Luminaires on B10A fuse	50
Luminaires on B16A fuse	80
Inrush current / inrush current duration	20 A / 50 µs
Ripple current / Flicker	1 %
System power	26 W
Luminaire efficacy	102 lm/W
Power factor	0,95

Ledona Square IP65

901541.002.1.76 | Recessed downlights



Approbations

Type of Protection	IP 20, IP 65
Anmerkung Schutzart	IP 65, Converter IP 20
Protection Class	II
Glow Wire Test	850°C - 30 seconds
Impact Protection	IK07 (2 Joule)
Test marks	ENEC, VDE
Safety marks	Ball impact proof in accordance with DIN 18032-03, F-mark
ULOR	0
Handelszeichen	CE
CIE Flux Code / CEN Flux Code	90 100 100 100 100
Energy efficiency class LED	A++
Energy class of included lamp	A++