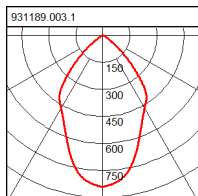
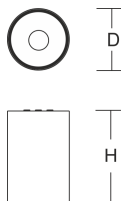


Heledon Mini

931189.003.1 | Surface mounted downlights

Surface mounted downlights
4051859435990
LED
D 87, H 197



Cylindrical surface-mounted downlight. Housing: die-cast aluminium, powder-coated. Internal ceiling frame polycarbonate with bayonet mounting. Black plastic ring and recessed LED to prevent glare from the side. Optical assembly with lens made of plastic (polycarbonate) for the best homogeneous light distribution - can be changed without tools. UVA- and IR-free light. Suitable for Ceiling mounting. Easy installation with a separate ceiling frame with bayonet mounting and plug connection Integral driver. Connected via plug-in connector. High quality converter without flickering and stroboscopic effect. The following accessories can be mounted without use of tools: interchangeable lenses, decorative glasses, honeycomb louvre, clear and frosted diffusers, white interchangeable plastic ring

Colour

Colour deep black, matt (RAL 9005)

Dimensions

Diameter D 87 mm
Height H 197 mm
Weight 0,93 kg

Lamp

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

Lighting technology

Colour temperature 4.000 K
Rated luminous flux 2.100 lm
Glare evaluation UGR (4H 8H) 1 25,2
Beam angle 70°

Electrical

Control gear	Converter
Voltage	220 - 240 V / 50 - 60 Hz
Luminaires on B10A fuse	21
Luminaires on B16A fuse	34
Luminaires on C10A fuse	35
Luminaires on C16A fuse	57
Inrush current / inrush current duration	4.5 A / 65 µs
Ripple current / Flicker	4 %
System power	19 W
Luminaire efficacy	111 lm/W
Power factor	0,9

Approbations

Type of Protection	IP 20
Protection Class	I
Glow Wire Test	650°C - 30 seconds
Impact Protection	IK06 (1 Joule)
Safety marks	F-mark
ULOR	0
Trade mark	CE
CIE Flux Code / CEN Flux Code	80 99 100 100 100
Energy efficiency class LED	A++
Energy class of included lamp	A++

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Accessories

982368.003	Interchangeable optics D 82, H 55 Reflector, narrow beam 17°
982368.013	Interchangeable optics D 82, H 55 Reflector, medium beam 32°
982368.023	Interchangeable optics D 82, H 55 Reflector, wide beam 47°
982369.003	Interchangeable optics D 82, H 55 Lens, narrow beam 18°
982369.013	Interchangeable optics D 82, H 55 Lens, medium beam 29°
982369.023	Interchangeable optics D 82, H 55 Lens, wide beam 44°
982369.033	Interchangeable optics D 82, H 55 Lens, very wide beam 70°
982369.043	Interchangeable optics D 82, H 55 Lens with oval light distribution for corridor 28°/40°
982370.000	Diffuser D 74, H 3 Safety glass clear
982370.010	Diffuser D 74, H 3 Safety glass, satin finish
982371.003	Anti-glare honeycomb louvre D 74, H 3 Honeycomb louvre Mini
982419.002	Interchangeable plastic rings D 82, H 20 White plastic ring for reflector
982421.002	Interchangeable plastic rings D 82, H 31 White plastic ring for lens
982368.033	Interchangeable optics D 82, H 55 Reflector, wide beam 62°
982647.002	Decorative glasses D 87, H 41 Diffuser: mouth-blown opal glass, satin finish with bayonet lock
982648.002	Decorative glasses D 87, H 76 Diffuser: mouth-blown opal glass, satin finish with bayonet lock