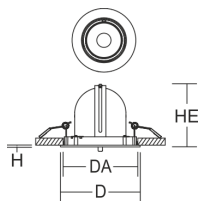


# Golas Mini

## 911447.002.1 | Recessed projectors

Recessed projectors  
4051859411888  
LED  
D 143, H 3, HEL 115



Recessed projectors Housing: die-cast aluminium, powder-coated. 356° rotation range and 90° swivel range. 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. Installation without tools thanks to spring fastening system. Including separate LED converter with connecting cable 600 mm. High quality converter without flickering and stroboscopic effect. Through-wiring box (5 pole) available as accessory. The following accessories can be mounted without use of tools: interchangeable lenses, honeycomb louvre, clear and frosted diffusers, white interchangeable plastic ring.

### Colour

Colour Traffic white, matt (RAL 9016)

### Dimensions

Diameter D 143 mm  
Height H 3 mm  
Cut-out diameter DA 133 mm  
Recess height HE 170 mm  
Luminaire: recess height HEL 115 mm  
Ceiling thickness S 1-20 mm  
Dimensions L 156 x B 43 x H 30 mm  
Weight 1,07 kg

### Lamp

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

### Lighting technology

Colour temperature 4.000 K  
Rated luminous flux 2.550 lm  
Glare evaluation UGR (4H 8H) 1 17,4  
Beam angle 44°

### 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 29 W  
Luminaire efficacy 88 lm/W  
Total harmonic distortion 20 %  
Power factor 0,9

### Approbations

Type of protection IP 20  
Protection class II  
Filament test 650°C - 30 seconds  
Impact resistance IK03 (0,35 Joule)  
Safety marks Einbauleuchte nicht bedecken!, F-mark  
ULOR 0  
Conformity mark CE, EAC  
CIE Flux Code / CEN Flux Code 98 100 100 100 100  
Energieeffizienzklasse 2019/2015 D

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## Accessories

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
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°
982421.002	Interchangeable plastic rings D 82, H 31 White plastic ring for lens
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°
982369.033	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°
982419.002	Interchangeable plastic rings D 82, H 20 White plastic ring for reflector
982368.033	Interchangeable optics D 82, H 55 Reflector, wide beam 62°
982703.002	Through-wiring box DALI L 98, B 55, H 28 Through-wiring box, 5 pole