

# HELEDON mini

931206.003.3.76 | Surface mounted downlights



Surface mounted downlights  
4051859839712  
D 87, H 197

Ceiling mounting  
deep black, matt (RAL 9005)



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. Best colour rendering index Ra>90. Suitable for Ceiling mounting. Easy installation with a separate ceiling frame with bayonet mounting and plug connection. Driver integrated. 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.

### Product specifications

|                                              |                          |
|----------------------------------------------|--------------------------|
| Diameter D                                   | 87 mm                    |
| Height H                                     | 197 mm                   |
| Weight                                       | 0.93 kg                  |
| Light source                                 | LED                      |
| Colour temperature                           | 3500 K                   |
| Rated luminous flux                          | 2300 lm                  |
| System power                                 | 20 W                     |
| System efficiency                            | 115 lm/W                 |
| Glare evaluation UGR (4H 8H)                 | 25,5                     |
| Beam angle                                   | 72°                      |
| Rated life                                   | 50000 h (L90/B10)        |
| 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 - 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     | 18 A / 250 µs            |
| CIE Flux Code / CEN Flux Code                | 80 99 100 100 100        |
| Type of protection                           | IP 20                    |
| Protection class                             | I                        |
| Filament test                                | 650°C - 30 seconds       |
| Impact resistance                            | IK06                     |
| Ambient temperature                          | 25 °C                    |
| Conformity mark                              | CE, EAC                  |

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## Accessories



982368.003  
Reflector spot



982368.023  
Reflector flood



982369.013  
Medium lens



982369.033  
Wide flood lens



982370.000  
Diffuser, transparent



982371.003  
Anti-glare honeycomb louvre



982421.002  
White plastic ring for lens.



982647.002  
Decorative glass opal matt



982368.013  
Reflector medium



982369.003  
Spot lens



982369.023  
Flood lens



982369.043  
Oval corridor lens



982370.010  
Diffuser, satinated



982419.002  
White plastic ring for reflector.



982368.033  
Reflector wide flood



982648.002  
Decorative glass opal matt