

# HELEDON maxi

901758.002.1.76 | Recessed downlights



Recessed downlights  
4051859869771  
D 162, H 3

Recessed ceiling mounting  
traffic white, matt (RAL 9016)



Round recessed downlight. Housing: die-cast aluminium, powder-coated. Black plastic ring and recessed LED to prevent glare from the side. Optical assembly with reflector made of MIRO-Silver with 98% total light reflection for outstanding efficiency - can be changed without tools. Best colour rendering index Ra>90. Suitable for Recessed ceiling mounting. 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, decorative glasses, honeycomb louvre, clear and frosted diffusers, white interchangeable plastic ring.

## Product specifications

|                                              |                                      |
|----------------------------------------------|--------------------------------------|
| Diameter D                                   | 162 mm                               |
| Height H                                     | 3 mm                                 |
| Cut-out diameter DA                          | 152 mm                               |
| Luminaire: recess height HEL                 | 135 mm                               |
| Ceiling thickness S                          | 1-20 mm                              |
| Installation space length LE                 | 550 mm                               |
| Installation space width BE                  | 350 mm                               |
| Installation space height HE                 | 200 mm                               |
| Weight                                       | 0.88 kg                              |
| Light source                                 | LED                                  |
| Colour temperature                           | 4000 K                               |
| Rated luminous flux                          | 3500 lm                              |
| System power                                 | 25 W                                 |
| System efficiency                            | 140 lm/W                             |
| Glare evaluation UGR (4H 8H)                 | 14,2                                 |
| Beam angle                                   | 33°                                  |
| 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 Hz, 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                | 100 100 100 100 100                  |
| Type of protection                           | IP 20                                |
| Protection class                             | II                                   |
| Filament test                                | 650 °C                               |
| Impact resistance                            | IK06                                 |
| Ambient temperature                          | -20 °C ... + 25 °C                   |
| Safety marks                                 | Do not cover the recessed luminaire! |
| Conformity mark                              | CE, EAC                              |

## Accessories



982373.003  
Spot lens



982373.023  
Flood lens



982374.000  
Diffuser, transparent



982422.002  
White plastic ring for lens.



982372.013  
Reflector medium



982372.033  
Reflector wide flood



982649.002  
Decorative glass opal matt



982703.002  
Through-wiring box



982373.013  
Medium lens



982375.003  
Anti-glare honeycomb louvre



982374.010  
Diffuser, satinated



982372.003  
Reflector spot



982372.023  
Reflector flood



982420.002  
White plastic ring for reflector.



982650.002  
Decorative glass opal matt