

# HELEDON mini

## 901743.002.3 | Recessed downlights



Recessed downlights  
4051859842736  
D 124, 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 lens made of plastic (polycarbonate) for the best homogeneous light distribution - can be changed without tools. Best colour rendering index  $R_a > 90$ . 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                                   | 124 mm                               |
| Height H                                     | 3 mm                                 |
| Cut-out diameter DA                          | 114 mm                               |
| Luminaire: recess height HEL                 | 120 mm                               |
| Ceiling thickness S                          | 1-20 mm                              |
| Installation space length LE                 | 550 mm                               |
| Installation space width BE                  | 350 mm                               |
| Installation space height HE                 | 170 mm                               |
| Weight                                       | 600 g                                |
| Light source                                 | LED                                  |
| Colour temperature                           | 3500 K                               |
| Rated luminous flux                          | 2250 lm                              |
| System power                                 | 20 W                                 |
| System efficiency                            | 113 lm/W                             |
| Glare evaluation UGR (4H 8H)                 | 11,1                                 |
| Beam angle                                   | 20°                                  |
| 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                            |
| Control                                      | on/off                               |
| 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     | 9.92 A / 230 $\mu$ s                 |
| CIE Flux Code / CEN Flux Code                | 99 100 100 100 100                   |
| 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

|                                                                                    |                                                 |                                                                                     |                                          |
|------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------|
|    | 982370.000<br>Diffuser, transparent             |    | 982370.010<br>Diffuser, satinated        |
|    | 982371.003<br>Anti-glare honeycomb louvre       |    | 982369.003<br>Spot lens                  |
|    | 982369.013<br>Medium lens                       |    | 982369.023<br>Flood lens                 |
|    | 982421.002<br>White plastic ring for lens.      |    | 982368.003<br>Reflector spot             |
|    | 982368.013<br>Reflector medium                  |    | 982368.023<br>Reflector flood            |
|   | 982369.033<br>Wide flood lens                   |   | 982369.043<br>Oval corridor lens         |
|  | 982419.002<br>White plastic ring for reflector. |  | 982368.033<br>Reflector wide flood       |
|  | 982647.002<br>Decorative glass opal matt        |  | 982648.002<br>Decorative glass opal matt |
|  | 982703.002<br>Through-wiring box                |                                                                                     |                                          |