

# MGL 1085

## DOWNLIGHT DL150

MGL LICHT



### SPECIFICATION TEXT

DL150, LED recessed downlight, UGR<19, round, with Sharp COB LED technology for a ceiling cut-out of 150mm. Luminaire dimensions: ø 171mm, height: 137mm, recessed depth: 150mm. weight: 1.12 kg. Housing and cover ring made of die-cast aluminium. The cover ring with bayonet-catch in white (similar to RAL9016) is drawn inwards and closed by a clear protection glass. Optical system protected, easy cleaning of the protection glass. Inner reflector with beam angle of 70° made of anodized pure aluminium, held by the cover ring and exchangeable without tools. Rear heat sink made of die-cast aluminium, powder-coated in black. Permissible ambient temperature (ta): -20°C - +25°C. Toolless mounting of the luminaire by use of two plastic-covered spring clamps. Fixed light head. Colour temperature 3000K- colour rendition CRI Ra>80, luminaire luminous flux 20250lm at 27W | 700mA or 2900lm at 36W | 900mA. Connection of the LED light head to the driver by means of flexible supply-cable with plug-in connector, strain-relieved on both sides. Degree of protection IP44 below the ceiling, IP20 above the ceiling. For indoor applications. Electrical protection class II, product service life: 50,000 h at 25° C | L80-B10. CE test mark.

Accessories: exchangeable reflector 40° UGR<19 MGL0001, cover ring grey MGL0003, diffuser MGL0044

### PRODUCT FEATURES & TECHNICAL DATA

|                        |   |
|------------------------|---|
| Application area       | Corridors, foyers, offices, sales areas |
| Luminaire type         | LED downlight in round design           |
| Light head             | fixed                                   |
| Light source           | Sharp COB-LED                           |
| Mounting               | recessed                                |
| Luminaire optic        | aluminium reflector anodized / faceted  |
| Connected load         | 27   36 W                               |
| Operating current      | 700mA   900mA                           |
| Operating voltage      | DC 35 V                                 |
| Colour temperature     | 3000 K                                  |
| Rated luminous flux    | 2250   2900 lm                          |
| Light output ratio     | 99.5                                    |
| Luminous efficiency    | 83 lm/W                                 |
| Colour rendition index | >80                                     |
| Luminaire colour       | white – similar to RAL9016              |
| Electrical design      | see driver recommendation               |
| Connection method      | MGL plug-in connector system            |
| Degree of protection   | IP44 (below the ceiling)                |
| Protection class       | II                                      |
| Height                 | 137 mm                                  |
| Outer diameter         | 171 mm                                  |
| Recessed depth         | 150 mm                                  |
| Ceiling cut-out        | 150 mm                                  |
| Weight                 | 1.12 kg                                 |

### RECOMMENDED DRIVERS- ENEC CERTIFIED

Light head may only be operated with MGL drivers:

|                    |                |
|--------------------|----------------|
| switchable         | MGL 0098 900mA |
| dimmmable DALI     | MGL 0099 900mA |
| dimmmable 1 – 10 V | MGL 0099 900mA |
| dimmmable PUSH DIM | MGL 0099 900mA |

Further drivers see driver matrix in MGL general catalogue

### LIGHT DISTRIBUTION

| Distance | Light cone | Lx E <sub>m</sub> |
|----------|------------|-------------------|
| 1 m      | 1.44 m ø   | 1187 Lx           |
| 1.5 m    | 2.16 m ø   | 514 Lx            |
| 2 m      | 2.87 m ø   | 286 Lx            |
| 2.5 m    | 3.59 m ø   | 182 Lx            |
| 3 m      | 4.31 m ø   | 126 Lx            |

3000 K

