

MGL 1086

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 4000K- colour rendition CRI Ra>80, luminaire luminous flux 2380lm at 27W | 700mA or 3110lm 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 36 V
Colour temperature	4000 K
Rated luminous flux	2380 3110 lm
Light output ratio	99.5
Luminous efficiency	88 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 _m
1 m	1.44 m ø	1270 Lx
1.5 m	2.16 m ø	550 Lx
2 m	2.87 m ø	307 Lx
2.5 m	3.59 m ø	194 Lx
3 m	4.31 m ø	135 Lx

4000 K

