

MGL 1040

DOWNLIGHT DL125

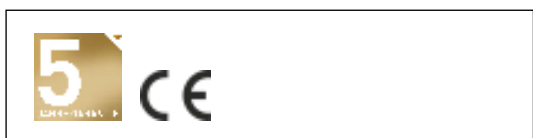
MGL LICHT



SPECIFICATION TEXT

DL125, LED recessed downlight, UGR<19, round, with Sharp COB LED technology for a ceiling cut-out of 125mm. Luminaire dimensions: ø 144mm, height: 105mm, recessed depth: 115mm, weight: 0.715 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 2250lm at 27W | 700mA or 1250lm at 20W | 500mA. 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 MGL0009, cover ring grey MGL0002, diffuser MGL0043



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	20 27 W
Operating current	500mA 700mA
Operating voltage	DC 35 V
Colour temperature	3000 K
Rated luminous flux	1250 2250 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	105 mm
Outer diameter	144 mm
Recessed depth	115 mm
Ceiling cut-out	125 mm
Weight	0.715 kg

RECOMMENDED DRIVERS- ENEC CERTIFIED

Light head may only be operated with MGL drivers:

switchable DIP-SWITCH	MGL 0111 250-700mA
dimmmable DALI	MGL 0036-700mA
dimmmable 1 – 10 V	MGL 0027-700mA
dimmmable PUSH DIM	MGL 0037-700mA, MGL 0064-700mA
dimmmable PHASE DIM	MGL 0064-700mA

Further drivers see driver matrix in MGL general catalogue

LIGHT DISTRIBUTION

Distance	Light cone	Lx E _m
1 m	1.37 m ø	1142 Lx
1.5 m	2.05 m ø	502 Lx
2 m	2.74 m ø	279 Lx
2.5 m	3.42 m ø	178 Lx
3 m	4.11 m ø	123 Lx

3000 K

