

MGL 1093

MGL LICHT

Mini Downlight MDL68 Size1 WHITE



SPECIFICATION TEXT

Flat LED recessed Downlight, round, with CITIZEN COB-technology for a ceiling cut-out of \varnothing 68mm. Luminaire dimensions: \varnothing 80mm, Height: 27mm. Recessed depth: 30mm. Weight: 0,095kg. Thanks to its high lumen output the Mini-Downlight is a replacement for conventional low-voltage halogen lamps 50 W QR-CBC / QT. Housing and cover ring from die cast aluminium, powder coated in white (similar to RAL9016). Toolless mounting with specially shaped spring clamps which allow the dismounting for refurbishment purposes without destroying the sensitive ceiling plates (e.g. plasterboard). Cardanical light head swivable by max. 30° - colour temperature 3000K - colour rendition CRI Ra>90 - luminaire luminous flux 600lm at 6W | 350mA or 470lm at 4,7W | 250 mA. Reflector from anodized pure aluminium - Contacting of the LED light head with driver for ceiling installation via flexible supply cable with plug connector, strain-relieved on both sides. Optical system protected, easy cleaning of the cover glass. Beam angle 40° - degree of protection IP20 - electrical protection class III - product service life: 50.000 h at 25°C | L80 | CE-mark.

Accessories: MGL0049 multi connector triple, MGL0050 extension line, MGL0135 surface mounted frame white, MGL0136 surface mounted frame aluminium anodized, MGL0192 spacer set.



PRODUCT FEATURES & TECHNICAL DATA

Application area	Residential areas, restaurants, showcases, bathrooms
Luminaire type	Flat LED Downlight in round design
Light head	Cardanical, swivable by max. 30°
Light source	LED COB-Module
Mounting	Recessed
Luminaire optic	Specular aluminium reflector
Connected load	6,0 W
Operating current	350 mA
Operating voltage	17 V - DC
Colour temperature	3000 K
Rated luminous flux	600 lm
Light output ratio	91,1
Luminous efficiency	80 lm/W
Colour rendition	>90
Luminaire colour	White - similar to RAL9016
Electrical design	See recommended drivers
Connection method	MGL plug connector system
Emergency lighting	-
Degree of protection	IP20
Protection class	III
Height	27 mm
Outer diameter	80 mm
Recessed height	30 mm
Recessed diameter	68 mm
Weight	0,095 kg

RECOMMENDED DRIVERS - ENEC CERTIFIED

Light head must only be operated with MGL drivers:

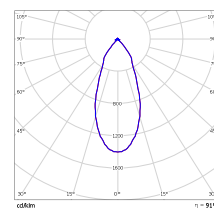
Switchable	MGL 0033, MGL 0039, MGL 0041
Dimmable DALI	MGL 0023
Dimmable 1 - 10 V	MGL 0025
Dimmable PUSH DIM	MGL 0027, MGL 0046
Dimmable PHASE DIM	MGL 0027, MGL 0107, MGL 0109

Further rivers see driver matrix in MGL general catalogue

LIGHT DISTRIBUTION

Distance	Light cone	Lx E _m
1 m	0,79 m \varnothing	502 Lx
1,5 m	1,18 m \varnothing	224 Lx
2 m	1,58 m \varnothing	128 Lx
2,5 m	1,97 m \varnothing	80 Lx
3 m	2,36 m \varnothing	56 Lx

3000 K



All technical data including details of weight and dimensions have been compiled with all due care. Errors excepted.

Product illustrations serve as examples and may differ from the original. We reserve the right to make changes in the interest of improving our products.

Status: May 2018