

MGL 1138

MGL LICHT

## Mini Downlight MDL68 Size1 BLACK



## 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 black. 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 2700K - colour rendition CRI Ra>90 - luminaire luminous flux 570lm at 6W | 350mA or 445lm 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 &amp; 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	2700 K
Rated luminous flux	570 lm
Light output ratio	91,1
Luminous efficiency	75 lm/W
Colour rendition	>90
Luminaire colour	Black
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:

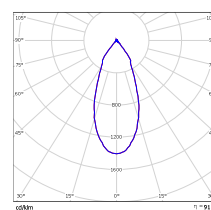
Switchable	MGL 0033, MGL 0039, MGL 0041
Dimmable DALI	MGL 0023
Dimmable 1 – 10 V	MGL 0025
Dimmable PUSH DIM	MGL 0027, MGL 0046
Dimmable PHASE DIM	MGL 0027, MGL 0107, MGL 0109

Further drivers see driver matrix in MGL general catalogue

## LIGHT DISTRIBUTION

Distance	Light cone	Lx E <sub>m</sub>
1 m	0,79 m $\varnothing$	477 Lx
1,5 m	1,18 m $\varnothing$	212 Lx
2 m	1,58 m $\varnothing$	119 Lx
2,5 m	1,97 m $\varnothing$	76 Lx
3 m	2,36 m $\varnothing$	53 Lx

2700 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