

MGL 1134

MGL LICHT

MINI DOWNLIGHT MDL68 SURFACE MOUNTED RECTANGULAR WHITE



SPECIFICATION TEXT

LED-surface mounted luminaire in cylindrical design, CITIZEN-COB technology with swivable light head, x-axis 30°, y-axis 15°. Reflector from anodized pure aluminium, beam angle 36°. Optical system protected by transparent safety glass. Housing from deep-drawn sheet steel. Cover plate fixed by 2 magnets. No visible screws at the housing. Housing powder coated in textured white finish (similar to RAL9016). Mounting bracket from aluminium with 4 slots for installation on the ceiling. Colour temperature 3000K – Colour rendition CRI Ra>90 – Luminaire luminous flux 2 x 530lm at 350mA, 6W each. Only the following defined MGL drivers can be used in combination with the LED surface mounted downlight: MGL0033(350mA), MGL0023(350mA DALI), MGL0025(350mA 1.10V), MGL0109(350mA PHASE DIM). They are preassembled on the secondary side with a flexible cable and plug connector. 3 pole connector block with rocker arm terminal for supply cable 3x1,5mm² on the primary side. Through-wiring in the luminaire is not possible. Dimensions: 176 x 90 x 90 mm, Weight: 1,03 kg, Degree of protection IP20. Electrical protection class I, product service life: 50.000 h at 25° C (L80/B10), MGL 5-year guarantee, CE certificate.

PRODUCT FEATURES & TECHNICAL DATA

| | |
|----------------------|--|
| Application area | Residential areas, hotels, restaurants |
| Luminaire type | LED-ceiling mounted luminaire |
| Light head | Pivots on gimbals max. 30° |
| Light source | LED CITIZEN COB-Module |
| Mounting | Surface mounted on ceiling |
| Luminaire optic | Specular aluminium reflector |
| Connected load | 2 x 6 W |
| Operating current | 350mA |
| Operating voltage | 17V DC |
| Colour temperature | 3000 K |
| Rated luminous flux | 2 x 530 lm |
| Light output ratio | 88 |
| Luminous efficiency | 89 lm/W |
| Colour rendition | >90 |
| Luminaire colour | white (similar to RAL9016) |
| Electrical design | See driver recommendation |
| Connection method | MGL plug connector system |
| Degree of protection | IP20 |
| Protection class | I |
| Height | 90 mm |
| Outer diameter | 176 x 90 mm |
| Weight | 1,03 kg |

DRIVER

Light head must only be operated with MGL drivers:

| | |
|--------------------|---------------|
| switchable | MGL0033-350mA |
| dimmable DALI | MGL0023-350mA |
| Dimmable 1-10V | MGL0025-350mA |
| Dimmable PHASE DIM | MGL0109-350mA |

LIGHT DISTRIBUTION

| Distance | Light cone | Lx E _m |
|----------|------------|-------------------|
| 1 m | 0,57 m ø | 654 Lx |
| 1,5 m | 0,85 m ø | 460 Lx |
| 2 m | 1,13 m ø | 230 Lx |
| 2,5 m | 1,41 m ø | 137 Lx |
| 3 m | 1,70 m ø | 90 Lx |

3000 K

