

MINI DOWNLIGHT MDL68 SURFACE MOUNTED SQUARE BLACK



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 black finish. Mounting bracket from aluminium with 2 slots for installation on the ceiling. Colour temperature 3000K – Colour rendition CRI Ra>90 – Luminaire luminous flux 530lm at 350mA, 6W. Only the following defined MGL drivers can be used in combination with the LED surface mounted downlight: MGL0039(350mA), MGL0152(250mA), MGL0177 (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 is mounted in the luminaire. Through-wiring in the luminaire is not possible. Dimensions: 90 x 90 x 90 mm, Weight:0,6 kg, Degree of protection IP20. Electrical protection class I, product service life: 50.000 h at 25° C (L70/B50), 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	6 W – 350mA
Colour temperature	3000 K
Rated luminous flux	530 lm
Light output ratio	88
Luminous efficiency	89 lm/W
Colour rendition	>90
Luminaire colour	Black
Electrical design	See driver recommendation
Connection method	MGL plug connector system
Degree of protection	IP20
Protection class	I
Height	90 mm
Outer diameter	90 x 90 mm
Weight	0,60 kg

DRIVER

Light head must only be operated with MGL drivers:

switchable	MGL 0039-350mA, MGL 0152-250mA
dimmable PHASE DIM	MGL0177-500mA

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

