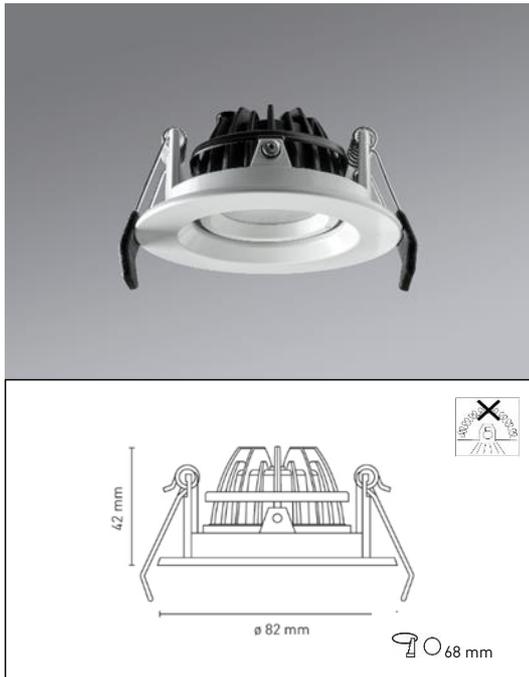


MINI DOWNLIGHT MDL68 WARMDIM WHITE



SPECIFICATION TEXT

Mini LED recessed downlight, MGL-WarmDim, round, with LUMINUS Multichip technology for a ceiling cut-out of ø68mm. dimensions: ø 82mm, height: 42mm, recessed depth: 45mm. Weight: 0.12kg, The mini downlight - MGL-Warmdim- is similar in dim behavior to the classic low-voltage halogen technology with colour temperature shift to the warm white range. Housing and cover ring made of die-cast aluminum, powder-coated in white (similar to RAL9016). Toolless mounting by use of retaining springs. Lighthead gimbal pivotable up to max. 30° - Colour temperature 3000-1800 K adjustable in dimming process - Colour rendition index CRI Ra > 90, Luminous flux 370lm at 8.2W | 350mA. Reflector made of pure anodised aluminum - contacting of the LED light head by throw-in driver by use of flexible supply cable with connector, strain relieved on both sides. Optical system basically protected by frosted cover glass. Beam angle 45° - protection class IP20 - electrical protection class III - Product service life: 50,000 h at 25 ° C | L80 | CE test mark.

Accessories: Multi plug connector triple 1000 mm MGL 0049, extension line 2000 mm MGL 0050, IP44 cover for round design MGL 0068, Spacer (set of 6 pcs) MGL 0192



PRODUCT FEATURES & TECHNICAL DATA

Application area	residential, hotel, restaurant, bathrooms
Luminaire type	LED downlight round
Light head	pivots on gimbals by up to 30°
Light source	LED LUMINUS Multichip
Mounting	recessed
Luminaire optic	aluminium reflector glossy
Connected load	8,2 W
Operating current	350 mA
Operating voltage	17.96 V – DC
Colour temperature	3000-1800 K dimming process controllable
Rated luminous flux	370 lm
Light output ratio	80
Luminous efficiency	45.1 lm/W
Colour rendition index	>90
Luminaire colour	white – similar to RAL9016
Electrical design	see driver recommendation
Connection method	MGL plug-in connector system
Emergency lighting	-
Degree of protection	IP20
Protection class	III
Height	42 mm
Outer diameter	82 mm
Recessed depth	45 mm
Ceiling cut-out	68 mm
Weight	0.12 kg

RECOMMENDED DRIVERS- ENEC CERTIFIED

Light head may only be operated with MGL drivers:

dimnable DALI	MGL 0023
dimnable 1 – 10 V	MGL 0025
dimnable PUSH DIM	MGL 0027, MGL 0109
dimnable 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	0.87 m ø	247 Lx
1.5 m	1.30 m ø	110 Lx
2 m	1.73 m ø	62 Lx
2.5 m	2.16 m ø	39 Lx
3 m	2.60 m ø	27 Lx

3000-1800 K UGR<19

