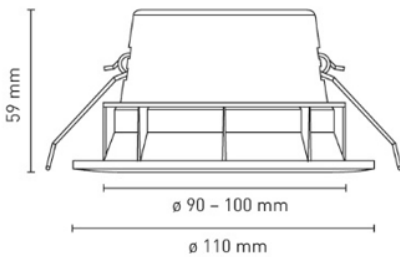


MGL1216

DLR 90 SC

MGL LICHT



Ø 90-100 mm

SPECIFICATION TEXT

DLR-SC 90, LED recessed downlight perfect for renovation, round, with Bridgelux SMD LED technology for a ceiling cut-out D = 90-100mm. With accessories, reducing ring for ceiling cut-outs up to 125mm. Luminaire dimensions: ø 110mm, height: 59mm, recessed depth: 70mm. Weight: 0,11kg. Housing and cover ring made of UV-stabilized polycarbonate in black. The cover ring is drawn inwards and finished with a diffuser in a microprismatic structure for even light distribution UGR <22. Rear heat sink made of sheet steel, powder-coated in black. Toolless mounting by means of 2 fastening springs with rubberized cover for panel thickness 3-24mm. The light head is fixed. Colour temperature switchable 3000 | 4000K, colour rendering CRI Ra > 90, colour tolerance SCDM 4, luminous flux at 3000K: 655lm or at 4000K: 676lm at 5W | 350mA. Connection of the LED light head to the driver by means of a flexible supply line with plug-in connector, strain-relieved on both sides. Permissible ambient temperature (ta): -20 ° C to + 25 ° C. Beam angle 80 ° | Degree of protection IP54 below the ceiling, IP20 above the ceiling. For indoor use. Electrical protection class III, product service life: 50,000 h at 25 ° C | L80-B10. CE test mark.

Accessories: MGL0049 multi plug connector triple, MGL0050 extension line 2000mm, MGL0307 DLR reduction ring for ceiling cut-outs 100-125 mm

PRODUCT FEATURES & TECHNICAL DATA

Mounting	ceiling mounting, recessed mounting
Housing	plastic
Luminaire colour	black
Mounting	recessed
Connected load	5 W
Colour temperature	3000 4000 K switchable
Rated luminous flux	655 lm 676 lm
Operating current	350mA
Luminous efficiency	106 lm/W [*system]
Light output ratio	1
Colour rendering index	>90
UGR	≤ 22
Colour consistency	SDCM ≤4
Degree of protection	IP54 (below the ceiling)
Protection class	III
Ambient temperature	ta -20 °C to 25 °C
Average life	50000 H L80 / B10 [25 °C]
Type of connection	cable with plug-in socket, strain-relieved
Type of dimming	switchable/dimmable depending on converter
Electrical version	with external driver
Outer diameter	110 mm
Height/depth	59 mm
Installation diameter	90 mm – 100 mm
Installation height/depth	70 mm
Article weight	0,110 kg

DRIVER RECOMMENDATION - ENEC CERTIFIED

Light head must only be operated with MGL drivers

switchable MGL0338 125-500mA (DIP)

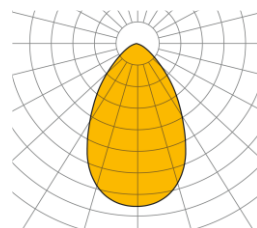
dimnable DALI MGL0023 350mA

dimnable 1 – 10 V + PUSH MGL0025 350mA

dimnable PUSH + PHASE MGL0027 350mA

*System = power incl. power loss reference driver

LIGHT DISTRIBUTION



ENERGY EFFICIENCY

The lamp contains a light source of energy efficiency class:



Attention: the downlight can be powered up to 500 mA to higher lumen packages. Please notice that this comes at the expense of efficiency and glare reduction.



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 July 2024