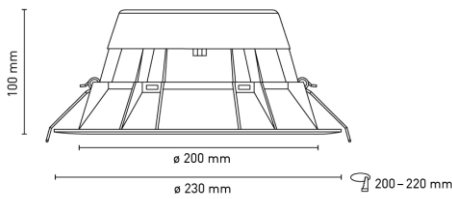


MGL1220

DLR 200 SC



SPECIFICATION TEXT

DLR-SC 200, LED recessed downlight perfect for renovation, round, with Bridgelux SMD LED technology for a ceiling cut-out D = 200-220mm. With accessories, reducing ring for ceiling cut-outs up to 300mm. Luminaire dimensions: \varnothing 230mm, height: 100mm, recessed depth: 110mm. Weight: 0,41kg. 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 <19. 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: 1896lm or at 4000K: 1935lm at 13W | 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: MGL0050 extension line 2000mm, MGL0310 DLR200 reduction ring for ceiling cut-outs 220-260 mm, MGL0433 DLR200 reduction ring set for ceiling cut-outs 260-300 mm

PRODUCT FEATURES & TECHNICAL DATA

Mounting	ceiling mounting, recessed mounting
Housing	plastic
Luminaire colour	black
Mounting	recessed
Connected load	13 W
Colour temperature	3000 4000 K switchable
Rated luminous flux	1896 lm 1935 lm
Operating current	350mA
Luminous efficiency	132 lm/W (*system)
Light output ratio	1
Colour rendering index	>90
UGR	≤ 19
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	230 mm
Height/depth	100 mm
Installation diameter	200 mm – 220 mm
Installation height/depth	110 mm
Article weight	0,370 kg

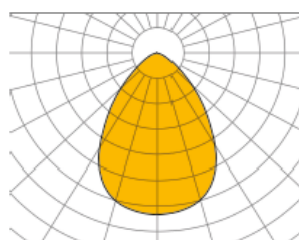
DRIVER RECOMMENDATION - ENEC CERTIFIED

Light head must only be operated with MGL drivers

switchable DIP-SWITCH	MGL0111 250-700 mA
switchable	MGL0033 350 mA
dimmable DALI	MGL0023 350 mA
dimmable 1 – 10 V + PUSH	MGL0046 350 mA
dimmable PHASE	MGL0027 350 mA

*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 700 mA to higher lumen packages. Please notice that this comes at the expense of efficiency and glare reduction.

