



ML11

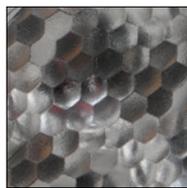
APPLICATIONS

The ML11 series is developed as an alternative retrofit to the 35 mm halogen LED lamps, and combines reduced dimensions with a high-level performance. Typical application areas are home and residential, both integrated in ceilings or furniture, or retail sales areas. The installation with remote power supply ensures its long life. It is possible to connect several modules to the same power supply.



FEATURES

- High efficiency (>120 lm/W)
- ANSI compliant binning, 2 step MacAdams ellipse for each individual lot
- Excellent lumen maintenance and colour stability over time
- Extensive dimming - fully dimmable, with external dimmer
- IP20 protection rating
- Long life and low maintenance costs
- Ecological, no disposal restrictions



Lens



Heat-sink

SPECIFICATIONS

Performance

LED type	High power
LED nr. and model	3x CREE XP-E / XP-G
Total lumen output (at 85°C)	Up to 380 lm
Colour temperature	2800 - 3200 - 4200 - 5500K
Binning	2 step MacAdam ellipses
CRI	>90 (2800 - 3200 K), >80 (4200 - 5500 K)
Other colours	On request

Electrical

Supply type	Constant current
Supply value	350 mA
Maximum power consumption	3,6 W
Connection	Cable 2x0.5 mmq L=0,5 m

Physical

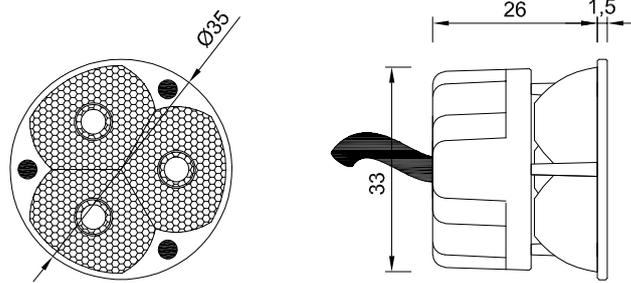
Body material	Aluminium
Body finish	Painted
Optic material	PMMA
Optic type	TIR
Screen material	n.a.
Dissipation	Passive
Protection rating	IP20
Class	III
Weight	0,05 Kg
Dimensions	See technical drawing
Operating temperature range	-25 / +70 °C
MTBF (LM80)	50.000 hrs
Mounting	Recessed with accessories

HOW TO ORDER

Model	LED nr.	Supply	Optic	Colour
mL11	03	350	UUU	UUU
mL11 ML11	03 3 LED	350 350 mA	010 10° 021 21° 040 40°	WW2 Warm white 2800K WW3 Warm white 3200K NW4 Neutral white 4200K CW5 Cold white 5500K

Order code example: mL11-03350021WW2

TECHNICAL DRAWING



ACCESSORIES

Spotlights



Recessed light with round flange diam. 57 mm,
cut out diam. 50 mm, white matte finish

CMP00648



Recessed light with round flange diam. 57 mm,
cut out diam. 50 mm, brushed nickel finish

CMP00649



Recessed adjustable light with round flange diam. 75 mm,
cut out diam. 66 mm, white matte finish

CMP00650



Recessed adjustable light with round flange diam. 75 mm,
cut out diam. 66 mm, brushed nickel finish

CMP00651



Recessed adjustable light with square flange dim. 75x75 mm,
cut out diam. 66 mm, white matte finish

CMP00652



Recessed adjustable light with square flange dim. 75x75 mm,
cut out diam. 66 mm, brushed nickel finish

CMP00653