



ML16

APPLICATIONS

The ML16 is a multiLED source with high-level performance. It is a widely used product specifically developed as an alternative retrofit to 50 mm halogen lamp spotlight. It is perfectly suitable for all those situations where high light output and flexibility to choose different secondary optics are needed, as the design requires. Typical application fields are retail sales areas and museums. The careful design of the heat-sink body is the distinctive characteristic of this product, which guarantees a high and stable performance over its lifespan.



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



Flange



Lens



Heat-Sink

SPECIFICATIONS

Performance

LED type	High power
LED nr. and model	4x CREE XP-E o XP-G
Total lumen output (at 85°C)	Up to 800 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 / 700 mA
Maximum power consumption	9,6 W
Connection	Cable 2x0.5 mmq L=0,5 m

Physical

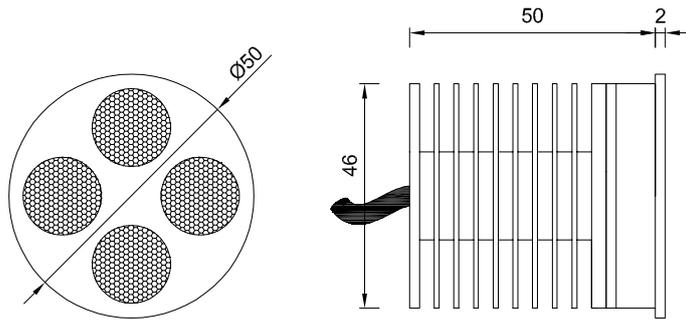
Body material	Corrosion-resistant aluminium
Body finish	Anodization
Optic material	PMMA
Optic type	TIR
Screen material	n.a.
Dissipation	Passive
Protection rating	IP20
Class	III
Weight	0,08 Kg
Dimensions	See technical drawing
Operating temperature range	-25 / +70 °C
MTBF (LM80)	50.000 ore
Mounting	Recessed with accessories

HOW TO ORDER

Model	LED nr.	Supply	Optic	Colour
mL16	04	700	UUU	UUU
mL16 ML16	04 4 LED	700 700 mA	010 10° 021 21° 039 39° 057 57° x44 10°x44°	WW2 Warm white 2800K WW3 Warm white 3200K NW4 Neutral white 4200K CW5 Cold white 5500K

Order code example: mL16-04700010WW2

TECHNICAL DRAWING



ACCESSORIES

Spotlights



Recessed comfort light with round flange diam. 85 mm,
cut out diam. 75 mm, white matte finish

CMP00607



Recessed light with round flange diam. 80 mm,
cut out diam. 70 mm, white matte finish

CMP00654



Recessed light with round flange diam. 80 mm,
cut out diam. 70 mm, brushed nickel finish

CMP00655



Recessed adjustable light with round flange diam. 89 mm,
cut out diam. 82 mm, white matte finish

CMP00656



Recessed adjustable light with round flange diam. 89 mm,
cut out diam. 82 mm, brushed nickel finish

CMP00657



Recessed adjustable light with square flange dim. 89x89mm,
cut out diam. 82 mm, white matte finish

CMP00658



Recessed adjustable light with square flange dim. 89x89 mm,
cut out diam. 82mm, brushed nickel finish

CMP00659