



O R S E N S O



L U K A - M s

IP67 Free Standing micro spot

# LUKA - Ms

IP67 Free Standing spot

When a small spot is not small enough - A unique combination of a very narrow and small housing with selected HP LED chip and precise optics.

**LUKA-Ms** is small but mighty it is only Ø16mm wide but it holds a high power 234lm LED chip. With variation of selected optics NS/SP/WS and a dark light design it is the perfect solution for museums, visiting centers, or every place that needs a very small spot with the best quality of light.

In addition **LUKA-Ms** offers variety of smart TopHats as accessories, this will make the beam angle even cleaner and tighter, perfect for Miniature models, Dioramas, etc...

The **LUKA-Ms** heat sink is designed for high rapid heat dissipation, to ensure safe and long operation use.

**LUKA-Ms** is protected against water and dust and holds an Ingress Protection of IP67 and impact resistance of IK10.

**LUKA-Ms** is narrow and long, therefore it has a unique mounting bracket that allows tilting the fixture.

## Features:

- 234 lumens led chip
- 2 TopHats for tighter light beam (accessory)
- NS/SP/WS beam angles
- IP67 IK10
- High CRI >82 (CRI >90 is also available)
- Guaranteed long life time and high performance
- Perfect for Museums / Visiting centers / Interior applications/ Outdoor installations



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## TECHSPEC

### Output

Type of LEDs	High -power
Color Temperature (K)	2700 / 3000 / 4000
Luminous flux (lm)	234lm, 187lm net
CRI	82 (typ) (CRI >90 is also available)
Optics	High precision optical grade PC
Beam angle	VNS/ NS/ SP/ WS
Efficiency (lm/w)	117 lm/W @ 3000K, 85 °C

### Electrical

LED power (W)	2W
Current(mA)	700mA Constant Current
Fixture Input Voltage	2.9V DC
Driver	External
Input cable	1.0m IP rated cable



### Environmental

Operating Temp.	-20°C - 40°C / -4°F - 104°F
Projected lifetime	L70 over 50,000
Environment	Dry, Damp or Wet Locations, 0-100% humidity
Degree of protection (IP)	67
Impact resistance(IK)	10

### Physical

Fixture Housing	6061 Aluminum / paint (optional)
coating	15μ black Anodized
Bracket	SST 304 / paint (optional)
Front cover	Optical grade PMMA / Tempered glass
Fasteners	stainless steel 304
Gaskets	Silicone
Length	104.8mm, 119.3mm (including bracket)
Width	16mm, 27mm (including bracket)
Cable gland	Polyamide
Fixture Weight	70gr

## DIMENSIONS

