ORSENSO

LUKA-Mr

IP67 adjustable Recessed micro spot

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

LUKA-Mr is small but mighty it is only Ø32mm wide but it holds a high power 175lm 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-Mr** 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-Mr** heat sink is designed for high rapid heat dissipation, to ensure safe and long operation use.

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

LUKA-Mr is adjustable, it has a custom-designed mounting housing that allows adjustable tilt of up to 12° each way. The special metal housing holds it tight in wood or plaster installations.

Features:

• 234 lumens led chip

• 2 TopHats for tighter ligh beam (accessory)

• NS/SP/WS beam angles

• IP67 IK10

• High CRI >82 (CRI >90 is also available)

• Adjustable tilt 24°

• Guaranteed long life time and high performance

• Perfect for Museums / Visiting centers /
  Interior applications/ Outdoor installations

LUKA-Mr
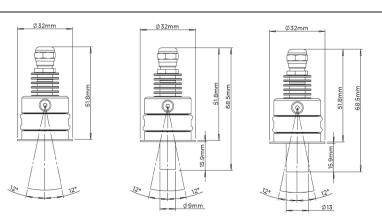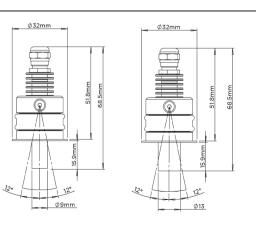
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TECHSPEC

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

Housing	15μ Anodized 6061 Aluminum
Front cover	Optical grade PMMA / Tempered glass
Fasteners	Marine grade stainless steel 316
Gaskets	Silicone
Length	51.8 mm
Width	32 mm
Cut out	30 mm
Cable gland	Nickel plated brass
Fixture Weight	35 gr

DIMENSIONS

www.orsenso.com