

Km-range IR searchlight **FA-4x3 IR**

NIR search light for km-distance
covert surveillance at night



Warning : DO NOT direct light to human eyes in short distances.

Product testing video



Solid-state LEP

IP 65 water proof

Fixed angle illumination

Run in sub-zero condition via (optional) add-ons

Recommended for pairing with a low-light surveillance camera
that has an IR-cut filter on-off switch.

Capable of illuminating targets up to 2 km away.

IR searchlight / off



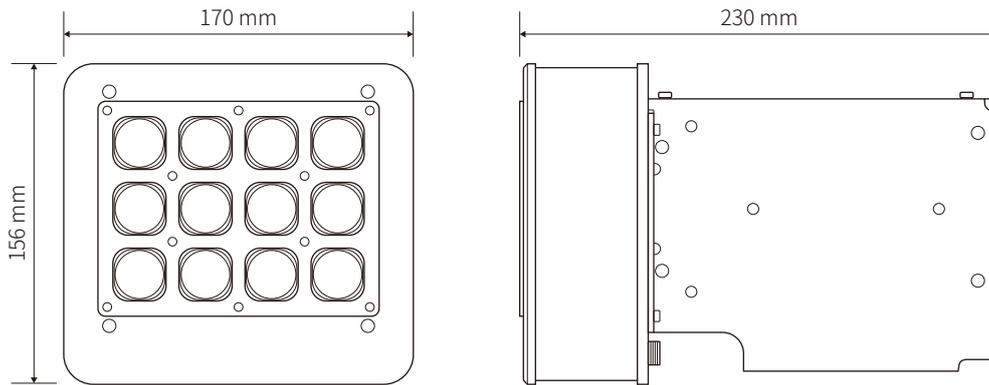
▲ No light source : coarse image particles,
lots of noise, low contrast.

IR searchlight / on



▲ With IR light source: image is clear and high
contrast.

*Dimension



X-Loupe FA-4x3 IR Specification

Power Output (Electric, watt)	Max 108w
Optical / Electric Conversion %	Max 40%
LEP Cells	12 (4x3 matrix)
Lens Diameter	25mm
Beam Projection Angle (Degree)	* 2.6°
Cooling	Air
Dimension* (LxWxH)	230mm x 170mm x 156mm
Weight	4.5 kg
Storage Temperature	-40~+85°C
Operating Temperature	0~55°C
Command & Driver Module	
Control Interface	Serial UART Port TXD / RXD (TTL level) Baud Rate : 9600, 8, n, 1 Command Control : OFF / 5% / 10% / 50% / 80% / 100%
DC Input Range	12~19VDC
Power Supply	
Input AC Voltage	110~230VAC
Input Current Max.	2.0A
Output DC Voltage	12VDC
Output Current Max.	20A
Recommended Power Supply	*MEANWELL RSP-320-12
Recommended IP67 Power Supply	*MEANWELL HLG320H-12

★We (Lumos Tech.) reserves the right to change the product appearance or specification. The contents of catalogs/ manuals are subject to change without prior notice.

Distributor



Products



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