

ROSS Infrared Lighting Fixture 8W



General Application Areas



Imaging Systems



ANPR

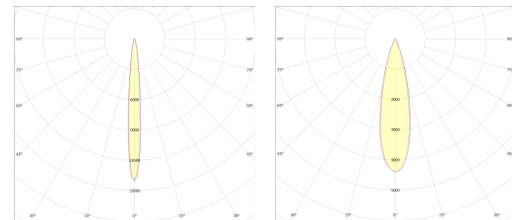
General Information

The Infrared LED Floodlight is an LED-based lighting device used to support imaging systems.

Its energy efficient infrared light has optimized wavelength for night vision. The luminaire body is designed to operate in outdoor conditions.

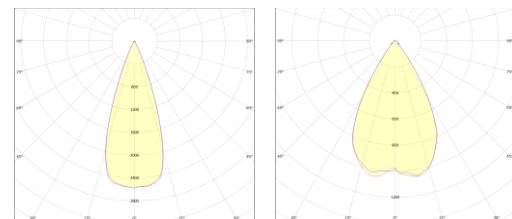
It has a 10° light angle for speed detection, license plate reading and other highway detection systems. Available in 8°, 17°, 25°, 40°, 45°, °60°, 90° and 110° for different applications.

Optical Beam Angles



10°

25°



40°

60°

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Technical Specifications

Body	: Aluminum Extrusion
Color Options	: 9006 Matte, Anodized
IP Protection Class	: IP66 – IP67 (Optional)
Front Cover	: Tempered Glass
Light Source	: LED
Lens	: PMMA
Test Standards	: EN 60598-1, EN 60529, LM 79-18EN 60598-2-5, IEC TR 62778

Optical and Electrical Properties

Power	8 W	Total Harmonic Distortion	<%20
Wavelength	850 nm	Power Factor	>0,9
Infrared Emission	2.84 W	Warranty Period	3 Years
Light Angle	10°, 25°, 40°, 60°	Weight	1 kg
Input Voltage	220 -240 VAC / 12-24V DC (ops.)	Dimensions	188x142x65 mm
Throttling Options:	1-10V, TRIAC, DALI		

Other Features

Operating Temperature	-25°/+55°C	CE Marking	Yes
Impact Resistance Class	IK 08 – IK 10 (Optional)	RoHS Compliance:	Yes
Lifetime	≥30,000 Hours		

Features

- Ideal for License Plate Recognition Systems.
- Extra Long Life with Very Low Maintenance.
- IP66 Enclosure for Outdoor Installation.
- Compact with integrated LED Light Source.
- The pulse range is adjustable between 1.6K~30KHz.
- Independent or External trigger
- Support synchronized with video camera (NTSC&PAL)
- Super long range up to 30 m.

