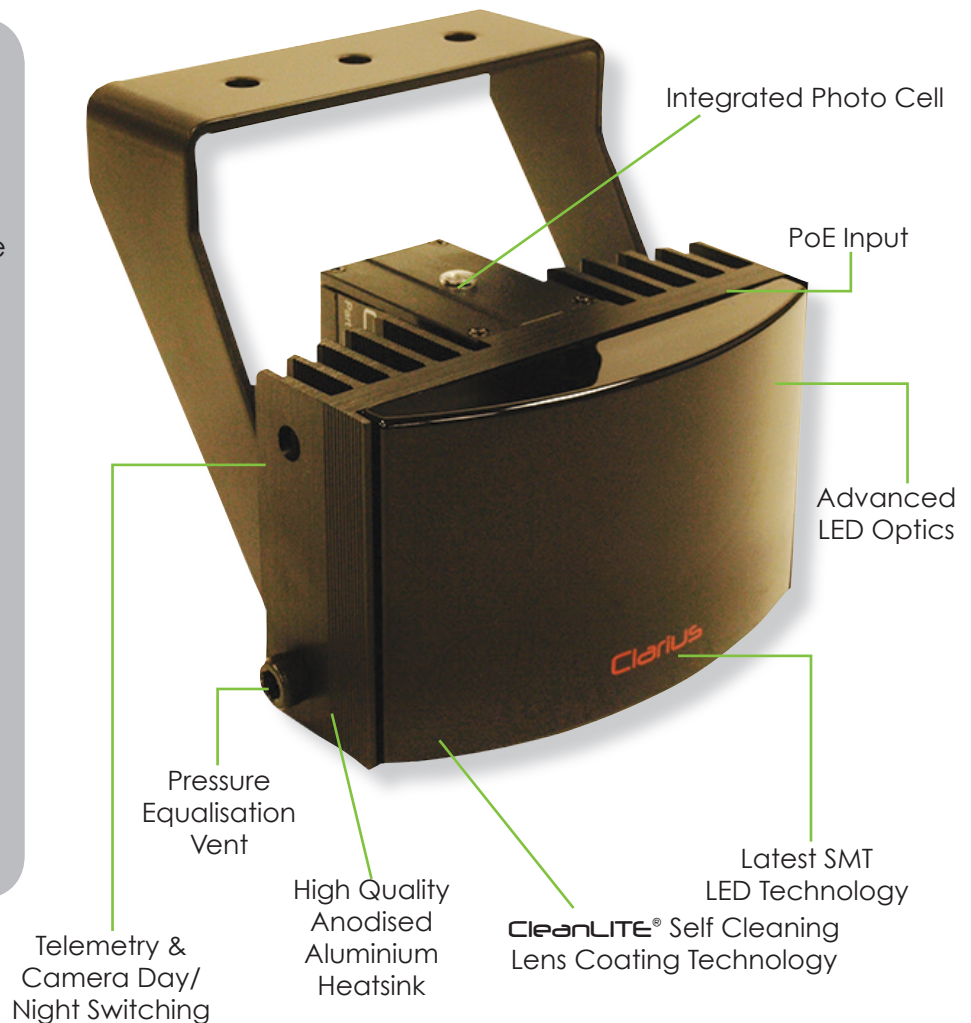# Clarius®

Clarius® Small PoE

The Clarius range of high performance Infra-Red LED illuminators are designed to provide class leading performance, long life and ultra low maintenance.

Incorporating the latest surface mount LED's with enhanced optical output and outstanding reliability, they deliver excellent night-time images.

Each unit is fitted with integrated control circuitry to carefully control LED output, delivering consistent illumination and projected working life in excess of 10 years.

PRODUCT FEATURES

- IR Illuminator Designed To Provide Dedicated Lighting For IP Cameras Via PoE (Power Over Ethernet) Enable Network Infrastructure
- IEEE802af Compliant
- Latest SMT LED Technology
- Distances Up To 35m (115')
- Angle 10°, 30°, 60°, 100x50°, 120°
- 850nm or 940nm Wavelengths
- 5 Year Warranty
- IP67 Weather Proof Rating
- Built-in Photocell IR On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- CleanLITE® Self Cleaning Lens Coating Technology

Integrated Photo Cell

PoE Input

Advanced LED Optics

Latest SMT LED Technology

CleanLITE® Self Cleaning Lens Coating Technology

High Quality Anodised Aluminium Heatsink

Pressure Equalisation Vent

Telemetry & Camera Day/ Night Switching

SECTORS

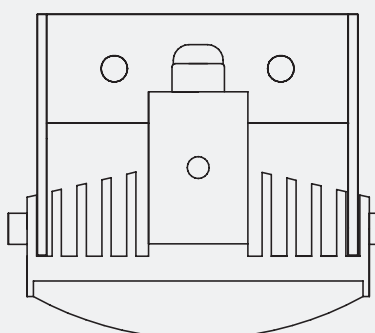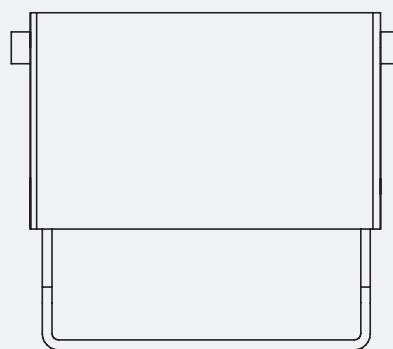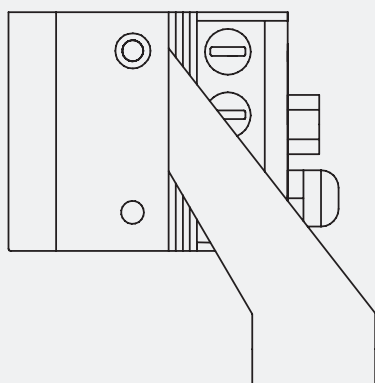RESIDENTIAL   COMMERCIAL   INDUSTRIAL   BORDERS   MILITARY BASES   PORTS   POWER PLANTS   HERITAGE   AIRPORTS   PRISONS

MODEL NUMBER	WAVELENGTH	ANGLE	DISTANCE		FOV	
IS-8-IP		10°	35m	115'	6m	20'
850nm		30° x 20°	20m	66'	11m	35'
		60° x 30°	15m	49'	17m	56'
		80° x 60°	12m	40'	29m	94'
		120° x 50°	10m	33'	35m	115'

940nm also available

TECHNICAL SPECIFICATIONS

GENERAL

Electronics High Efficiency Surface Mount High Power LED's With Advanced Current Limited Integral Control Circuitry

Construction Robust High Quality Aluminium Extrusion
Front Window Polycarbonate High Transmission Protective (Vandal Proof) IR Filter with CleanLITE® Technology
Finish Black Anodised
Power Cable 3m (9ft) including RJ45 connector
Interface Connector Photocell Following Contact & Remote Telemetry Input
Pressure Equalisation Vent Prevents Thermal Expansion & Pressure Cycling
Photocell Adjustable 20 -70 Lux
Illumination Adjustable 10% - 100%
Operating Temperature -50° to 60°C (-58° to 140°F)
Weight 750g (1.65lbs)
Mount Powder Coated Stainless Steel Wall Mount
Dimensions 68 x 110 x 78mm (2.68" x 4.33" x 3.07")

ELECTRICAL
Power Over Ethernet (PoE) IEEE802af Compliant Interface, Power Classification (Class 0)
Consumption 12W

WAVELENGTH
Standard 850nm (Semi Covert). Faint Red Glow Only

CERTIFICATION
Safety EN60598:2004   Electrical Safety
 EN60825-1   Laser Eye Safety
IP IP67 In Accordance With EN60529;1992
EMC EN61000, FCC Part 15. 107 15. 108 Class B
WEEE Waste Electrical & Electronic Equipment European Directive 202/96/EC
RoHS Restriction Of Hazardous Substance European Directive 202/95/EC