

# Clarius®



## Clarius® Medium - 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
- IEEE02at Compliant
- Latest SMT LED Technology
- Distances Up To 95m (312')
- 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



### SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS

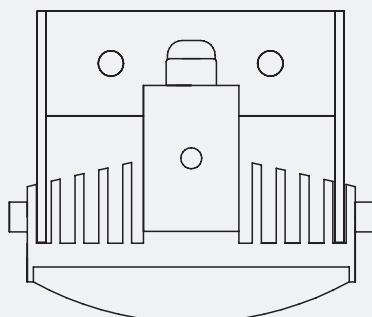
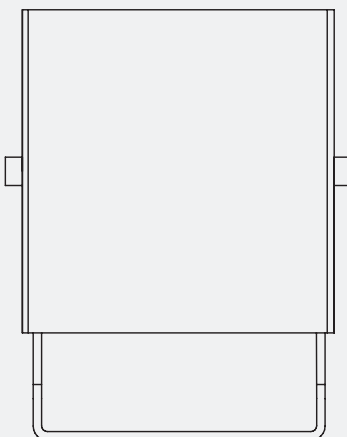
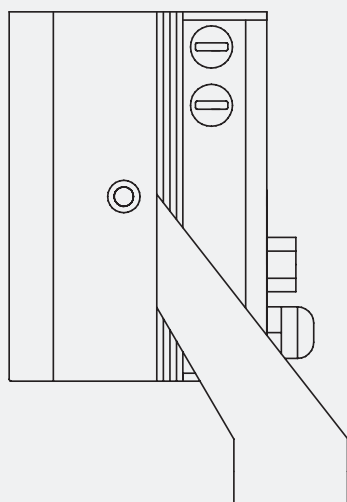


PRISONS

MODEL NUMBER	WAVELENGTH	ANGLE	DISTANCE		FOV	
IM-810-P	850nm	10°	95m	312'	17m	55'
IM-830-P	850nm	30°	50m	164'	27m	89'
IM-860-P	850nm	60°	35m	115'	40m	131'
IM-8100-P	850nm	100° x 50°	24m	80'	57m	188'
IM-8120-P	850nm	120°	20m	66'	69m	226'
IM-910-P	940nm	10°	45m	148'	8m	26'
IM-930-P	940nm	30°	24m	79'	13m	43'
IM-960-P	940nm	60°	17m	56'	20m	66'
IM-9100-P	940nm	100° x 50°	12m	40'	29m	94'
IM-9120-P	940nm	120°	10m	33'	35m	115'

Other angles available on request.

## TECHNICAL SPECIFICATIONS



### GENERAL

<b>Electronics</b>	High Efficiency Surface Mount High Power LED's With Advanced Current Limited Integral Control Circuitry
<b>Construction</b>	Robust High Quality Aluminium Extrusion
<b>Front Window</b>	Polycarbonate High Transmission Protective (Vandal Proof) IR Filter with <b>CleanLITE®</b> Technology
<b>Finish</b>	Black Anodised
<b>Power Cable</b>	3m (9ft) including RJ45 connector
<b>Interface Connector</b>	Photocell Following Contact & Remote Telemetry Input
<b>Pressure Equalisation Vent</b>	Prevents Thermal Expansion & Pressure Cycling
<b>Photocell</b>	Adjustable 20 -70 Lux
<b>Illumination</b>	Adjustable 10% - 100%
<b>Operating Temperature</b>	-50° to 60°C (-58° to 140°F)
<b>Weight</b>	1.05Kg (2.3lbs)
<b>Mount</b>	Powder Coated Stainless Steel Wall Mount
<b>Dimensions</b>	111 x 110 x 78mm (4.49" x 4.33" x 3.07")

### ELECTRICAL

<b>High Power over Ethernet Consumption</b>	IEEE802at Compliant 26W
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### WAVELENGTH

<b>Standard</b>	850nm (Semi Covert). Faint Red Glow Only
<b>Optional</b>	940nm (Covert). Minimal Visible Glow

### CERTIFICATION

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

Please note GJD reserve the right to change the information within this document, without notice. **DSIM\_P-31-08-15**

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