

Clarius®



Clarius® Medium Range

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.

Installation is quick and easy, requiring only a 12-32V DC / 24V AC +/- 10%.

PRODUCT FEATURES

- Medium IR Illuminator
- Latest SMT LED Technology
- Distances Up To 95m (312')
- Angle 10°, 30°, 60°, 100x50°, 120°
- 850nm or 940nm Wavelengths
- Low Power Consumption (26W)
- Long Life
- 5 Year Warranty
- IP67 Weather Proof Rating
- Built-in Photocell IR On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- 12-32V DV / 24V AC +/- 10%
- CleanLITE® Self Cleaning Lens Coating Technology

Recommended PSU ALT-30-24



SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS

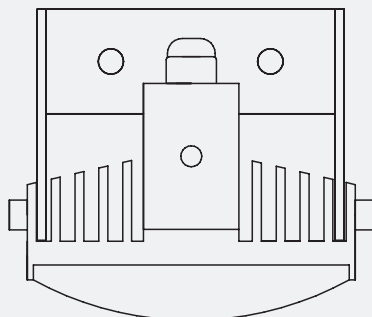
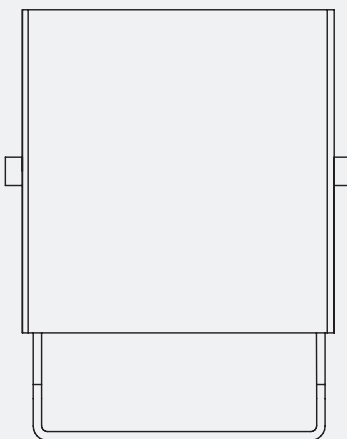
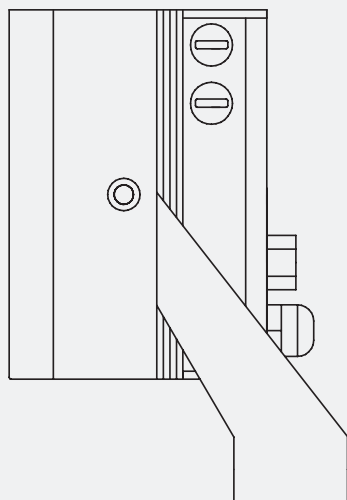


PRISONS

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

Other angles available on request.

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 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	1.05Kg (2.3lbs)
Mount	Powder Coated Stainless Steel Wall Mount
Dimensions	114 x 110 x 78mm (4.49" x 4.33" x 3.07")

ELECTRICAL

Input Voltage	12-32V DC or 24V AC +/- 10%
Input Current	1.2A at 24V AC
Consumption	26W

WAVELENGTH

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

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	

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

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