

Clarius®

Clarius® PLUS Extra Large

The Clarius® Plus 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 Dual Core® 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.

The Clarius® Plus range of illuminators includes a new interchangeable lens diffuser system; which allows the user to quickly and easily alter the angle of illumination. Elliptical beam profiles allow more light to be delivered where it is needed, allowing both longer distances and minimising light wastage. The system also helps to prevent overexposure of foreground objects.

As standard the illuminator includes interchangeable lensing to deliver 10° circular, 20°, 30°, 60°, 80° and 95° elliptical beam profiles.

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

PRODUCT FEATURES

- Extra Large IR Illuminator
- Latest Dual Core® SMT LED technology
- Distances Up To 859' (262m)
- Angle 10°, 20°, 30°, 60°, 80° & 95°
- Elliptical Beam Profiles
- 850nm or 940nm Wavelengths
- Low Power Consumption (52W)
- Long Life
- 5 Year Warranty
- IP66 Weather Proof Rating
- Built-in Photocell IR On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- 12-32V DC / 24V AC +/- 10%
- CleanLITE® Self Cleaning Lens Coating Technology



INTERCHANGEABLE
DIFFUSER LENS

Recommended PSU ALT-60-24



SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



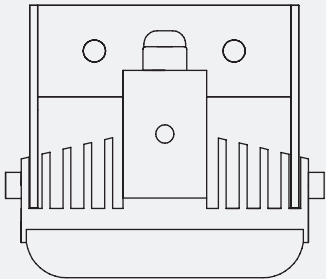
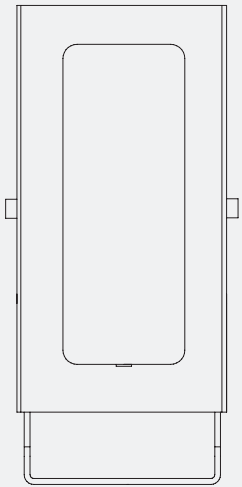
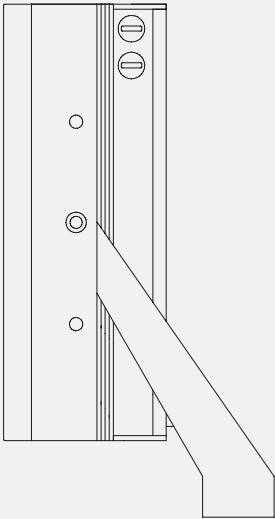
AIRPORTS



PRISONS

Product Code	Wavelength	Angle	Distance		FOV	
IX-8	850nm	10° - Circular	859'	262m	150'	46m
		20° - Elliptical	586'	179m	207'	63m
		30° - Elliptical	429'	131m	230'	70m
		60° - Elliptical	273'	83m	316'	96m
		80° - Elliptical	195'	60m	328'	100m
		95° - Elliptical	137'	42m	298'	91m
IX-9	940nm	10° - Circular	527'	161m	92'	28m
		20° - Elliptical	367'	112m	130'	39m
		30° - Elliptical	299'	91m	160'	49m
		60° - Elliptical	184'	56m	212'	65m
		80° - Elliptical	138'	42m	231'	70m
		95° - Elliptical	92'	28m	201'	61m

TECHNICAL SPECIFICATIONS



GENERAL

Electronics

High Efficiency Surface Mount High Power **Dual Core**® LED's With Advanced Current Limited Integral Control Circuitry

Construction Front Window

Robust High Quality Aluminium Extrusion Polycarbonate High Transmission Protective (Vandal Proof) IR Filter with **CleanLITE**® Technology

Finish Power Cable

Black Anodised
9ft (3m) including Photocell Following Contact & Remote Telemetry Input

Pressure Equalisation Vent Photocell

Prevents Thermal Expansion & Pressure Cycling Adjustable 20 -70 Lux

Illumination Operating Temperature

Adjustable 10% - 100%
-58° to 122°F (-50° to 50°C)

Weight Mount Dimensions

3.9lbs (1.75Kg)
Powder Coated Stainless Steel Wall Mount
8.39" x 4.33" x 3.07" (213 x 110 x 78mm)

ELECTRICAL

Input Voltage Input Current Consumption

12-32V DC or 24V AC +/- 10%
2.2A at 24V AC
52W

WAVELENGTH

Standard Optional

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

CERTIFICATIONS

WEEE

Waste Electrical & Electronic Equipment European Directive 202/96/EC

Environmental

IEC/EN 60529

IP66

RoHS

Restriction Of Hazardous Substance European Directive 202/95/EC

IEC/EN 62262

EN 50130-5

IK09

(Alarm-environmental)

N2580, EN 50581

(RoHS), REACH

CE-EMC

EN 61547
EN 55015
EN 62493
EN 50130-4

(Lighting-Immunity)
(Lighting-Emission)
(Lighting-EMF)
(Alarm-EMC)

USA

cULus

UL 2108
UL 8750
Class B

CE-LVD

EN 60598-1
EN 60598-2-1
EN 62368-1 / EN 60950-22

(Luminaires-General)
(Luminaires)

AUS

RCM (AS/NZS CISPR 22
Class B)

Safety

EN 62471

(LED safety)



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