

Clarius®

Clarius® PLUS Large

The Clarius® PLUS range of high performance White-Light 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.

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° & 95° elliptical beam profiles.

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

PRODUCT FEATURES

- Large WL Illuminator
- Latest SMT LED Technology
- Distances Up To 456' (139m)
- Angle 10°, 20°, 30°, 60°, 80° & 95°
- Elliptical Beam Profiles
- Low Power Consumption (39W)
- Long Life
- 5 Year Warranty
- IP66 Weather Proof Rating
- Built-in Photocell WL 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



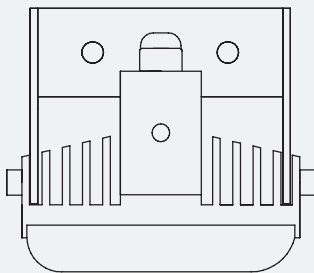
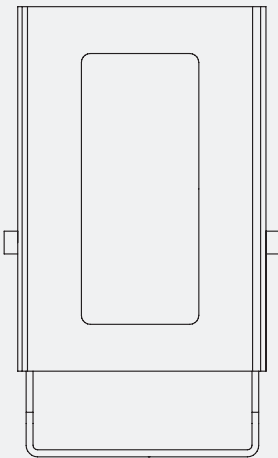
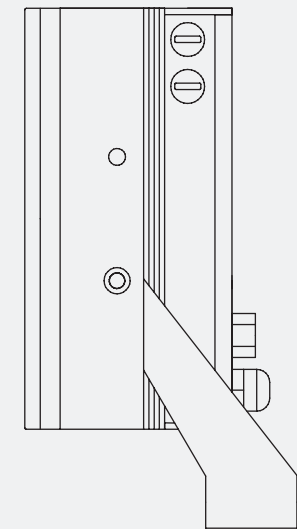
AIRPORTS



PRISONS

Product Code	Angle	Distance		FOV	
VL-CW	10° - Circular	456'	139m	80'	24m
	20° - Elliptical	304'	93m	107'	33m
	30° - Elliptical	266'	81m	143'	43m
	60° - Elliptical	190'	58m	220'	67m
	80° - Elliptical	152'	46m	255'	78m
	95° - Elliptical	114'	35m	249'	76m

TECHNICAL SPECIFICATIONS



GENERAL

Electronics

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

Construction Front Window

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

Finish

Black Anodised

Power Cable

9ft (3m) 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

-58° to 122°F (-50° to 50°C)

Weight

1.6lbs (1.35Kg)

Mount

Powder Coated Stainless Steel Wall Mount

Dimensions

6.34" x 4.33" x 3.07" (213 x 110 x 78mm)

ELECTRICAL

Input Voltage

12-32V DC or 24V AC +/- 10%

Input Current

1.6A at 24V AC

Consumption

39W

LIGHTING OUTPUT

Lumen Output

2784lm

Wavelength

Visible Spectrum (400-750nm)

Colour Temperature

6500k

Colour Rendering Index

74-80+

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 1598

FCC, Class B

AUS

RCM (AS/NZS CISPR 22 Class B)

CE-LVD

EN 60598-1

EN 60598-2-1

EN 62368-1 / EN 60950-22

(Luminaires-General)

(Luminaires)

Safety

EN 62471

(LED safety)

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