

# Clarius®

## Clarius® PLUS Extra 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° and 95° elliptical beam profiles.

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

### PRODUCT FEATURES

- Extra Large WL Illuminator
- Latest SMT LED Technology
- Distances Up To 524' (160m)
- Angle 10°, 20°, 30°, 60°, 80° & 95°
- Elliptical Beam Profiles
- Low Power Consumption (52W)
- 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 DV / 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



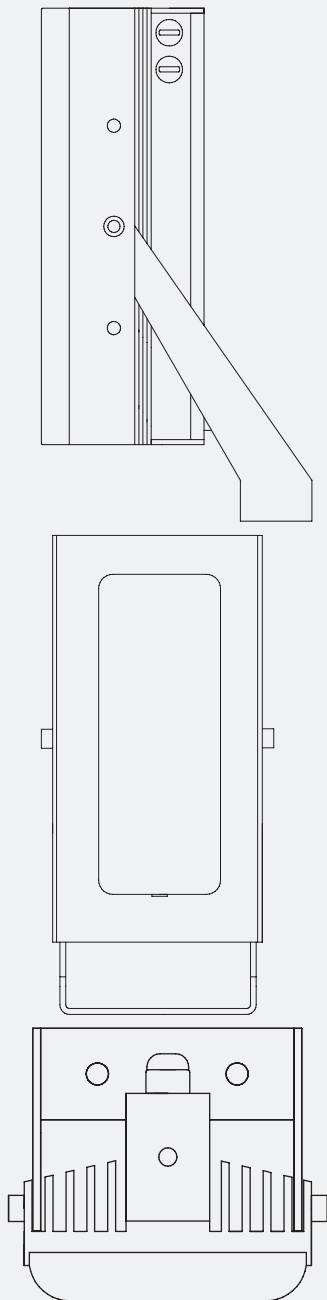
AIRPORTS



PRISONS

Product Code	Angle	Distance		FOV	
VX-CW	10° - Circular	524'	160m	92'	28m
	20° - Elliptical	349'	106m	123'	38m
	30° - Elliptical	305'	93m	164'	50m
	60° - Elliptical	218'	67m	252'	77m
	80° - Elliptical	175'	53m	293'	89m
	95° - Elliptical	131'	40m	286'	87m

## 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 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

Adjustable 10% - 100%

#### Operating Temperature

-58° to 122°F (-50° to 50°C)

#### Weight

3.9lbs (1.75Kg)

#### Mount

Powder Coated Stainless Steel Wall Mount

#### Dimensions

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

### ELECTRICAL

#### Input Voltage

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

#### Input Current

2.2A at 24V AC

#### Consumption

52W

### LIGHTING OUTPUT

#### Lumen Output

3712lm

#### Wavelength

Visible Spectrum (400-750nm)

#### Colour Temperature

6500k

#### Colour Rendering Index

74-80+

### CERTIFICATION

#### Safety

EN60598:2004 Electrical Safety  
EN60825-1 Laser Eye Safety

#### IP EMC

IP66 In Accordance With EN60529;1992  
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

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