

Clarius®

Clarius® PLUS Medium

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

- Medium WL Illuminator
- Latest SMT LED Technology
- Distances Up To 374' (114m)
- Low Power Consumption (26W)
- 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
- Angle 10°, 20°, 30°, 60°, 80° & 95°
- Elliptical Beam Profiles



Recommended PSU ALT-30-24



SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS



PRISONS

Product Code	Angle	Distance		FOV	
VM-CW	10° - Circular	374'	114m	65'	20m
	20° - Elliptical	249'	76m	88'	27m
	30° - Elliptical	218'	67m	117'	36m
	60° - Elliptical	156'	48m	180'	55m
	80° - Elliptical	125'	38m	209'	64m
	95° - Elliptical	94'	29m	204'	62m

TECHNICAL SPECIFICATIONS

GENERAL

Electronics

High Efficiency Surface Mount High Power LED's With Advanced Current Limited Integral Control Circuitry
Robust High Quality Aluminium Extrusion
Polycarbonate High Transmission Protective (Vandal Proof) with **CleanLITE®** Technology

Construction

Front Window

Finish

Power Cable

Black Anodised
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 (750g)

Mount

Powder Coated Stainless Steel Wall Mount

Dimensions

2.68" x 4.33" x 3.07" (68 x 110 x 78mm)

ELECTRICAL

Input Voltage

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

Input Current

1.2A at 24V AC

Consumption

26W

LIGHTING OUTPUT

Lumen Output

2300lm

Wavelength

Visible Spectrum (400-750nm)

Colour Temperature

6500k

Colour Rendering Index

74-80+

CERTIFICATIONS

WEEE

Waste Electrical & Electronic Equipment European Directive 2012/19/EC

Environmental

IEC/EN 60529

IP66

RoHS

Restriction Of Hazardous Substance European Directive 2011/65/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

FCC

UL 2108
UL 8750
Class B

UL
LISTED
E481264

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)

