

Clarius®



PRODUCT CODES

VM-CW Medium Clarius PLUS White-Light Illuminator

FEATURES

Latest SMT LED technology
Distances up to 114m (374')
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°, 30°, 60° & 95°
Elliptical beam profiles
Pressure equalisation vent
High quality anodised aluminium heatsink

Medium WL LED Illuminator

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, 30°, 60° and 95° elliptical beam profiles.

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



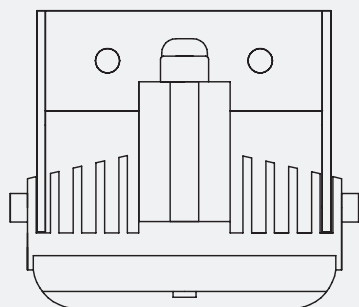
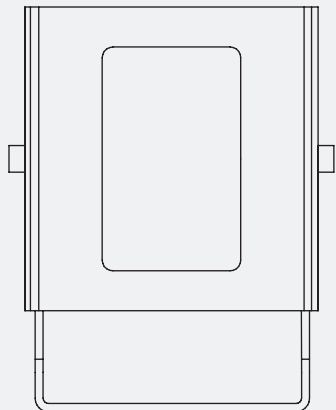
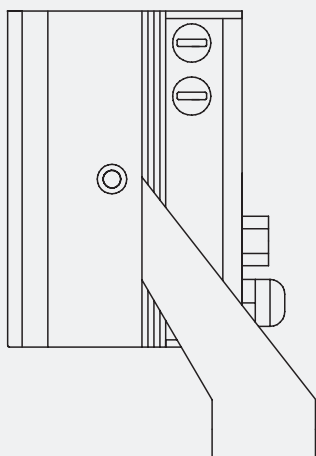
INTERCHANGEABLE
DIFFUSER LENS

Recommended PSU ALT-30-24



Product Code	Angle	Distance		FOV	
VM-CW	10° - Circular	114m	374'	20m	65'
	30° - Elliptical	67m	218'	36m	117'
	60° - Elliptical	48m	156'	55m	180'
	95° - Elliptical	29m	94'	62m	204'

TECHNICAL SPECIFICATIONS



GENERAL

Electronics

High efficiency surface mount high power LEDs 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
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 50°C (-58° to 122°F)

Weight

750g (1.6lbs)

Mount

Powder coated stainless steel wall mount

Dimensions

68 x 110 x 78mm (2.68" 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

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

IP

IP66 In Accordance With EN60529:1992

RoHS

Restriction Of Hazardous Substance European Directive 2011/65/EC

Environmental EC/EN 60529

IP66

CE-EMC

EN 61547
EN 55015
EN 62493
EN 50130-4

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

USA

cULus

IK09
(Alarm-environmental)

FCC

(RoHS), REACH

CE-LVD

EN 60598-1
EN 60598-2-1
EN 62368-1 / EN 60950-22
EN61000

(Luminaires-General)
(Luminaires)

AUS

RCM (AS/NZS CISPR 22 Class B)

FCC Part 15. 107
15. 108 Class B

Safety

EN 62471
EN60598:2004

(LED safety)
Electrical Safety
EN60825-1 Laser Eye Safety

