

# CLARIUS<sup>®</sup>

## LED Illuminators

WHITE-LIGHT

### Medium WL LED Illuminator

The Clarius<sup>®</sup> 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<sup>®</sup> 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%..

#### PRODUCT CODES

**VM-CW** Medium Clarius PLUS White-Light Illuminator

#### Recommended PSU

ALT-30-24



#### Interchangeable Diffuser Lens



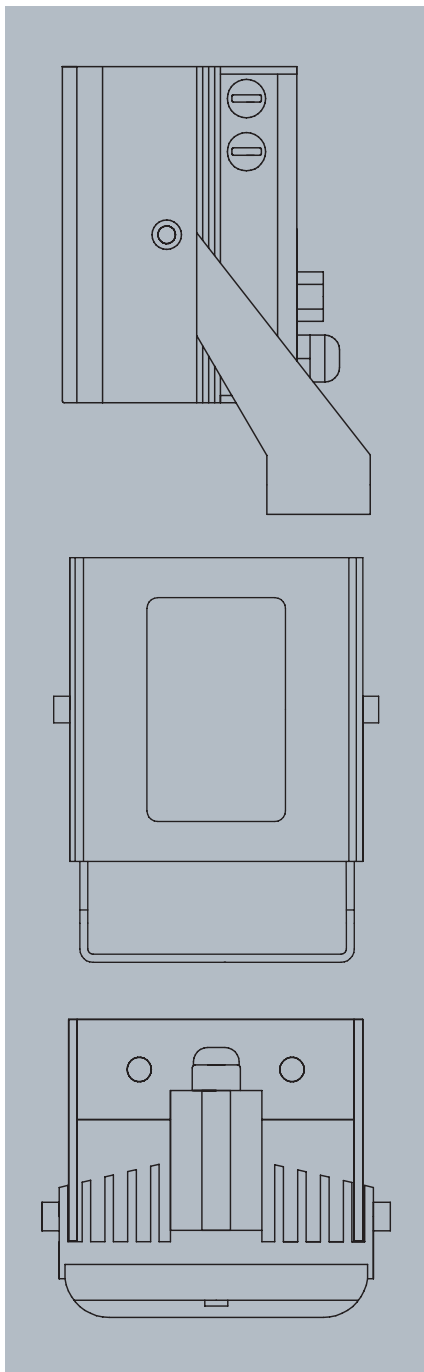
#### FEATURES

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 <sup>®</sup> self cleaning lens coating technology
Angle 10°, 30°, 60° & 95°
Elliptical beam profiles
Pressure equalisation vent
High quality anodised aluminium heatsink

# SPECIFICATIONS



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'



## GENERAL

<b>ELECTRONICS</b>	High efficiency surface mount high power LED's with advanced current limited integral control circuitry
<b>CONSTRUCTION</b>	Robust high quality aluminium extrusion
<b>FRONT WINDOW</b>	Polycarbonate high transmission protective (vandal proof) ir filter with CleanLITE® technology
<b>FINISH</b>	Black anodised
<b>POWER CABLE</b>	3m (9ft) including photocell following contact & remote telemetry input
<b>PRESSURE EQUALISATION VENT</b>	Prevents thermal expansion & pressure cycling
<b>PHOTOCELL</b>	Adjustable 20 -70 Lux
<b>ILLUMINATION</b>	Adjustable 10% - 100%
<b>OPERATING TEMPERATURE</b>	-50° to 50°C (-58° to 122°F)
<b>WEIGHT</b>	750g (1.6lbs)
<b>MOUNT</b>	Powder coated stainless steel wall mount
<b>DIMENSIONS</b>	68 x 110 x 78mm (2.68" x 4.33" x 3.07")

## ELECTRICAL

<b>INPUT VOLTAGE</b>	12-32V DC or 24V AC +/-10%
<b>INPUT CURRENT</b>	1.2A at 24V AC
<b>CONSUMPTION</b>	26W

## LIGHTING OUTPUT

<b>LUMEN OUTPUT</b>	2300lm
<b>WAVELENGTH</b>	Visible spectrum (400-750nm)
<b>COLOUR TEMPERATURE</b>	6500k
<b>COLOUR RENDERING INDEX</b>	74-80+

## CERTIFICATIONS

<b>WEEE</b>	Waste electrical & electronic equipment european directive 202/96/EC	
<b>RoHS</b>	Restriction of hazardous substance european directive 202/95/EC	
<b>CE-EMC</b>	EN 61547 EN 55015 EN 62493 EN 50130-4	(Lighting-Immunity) (Lighting-Emission) (Lighting-EMF) (Alarm-EMC)
<b>CE-LVD</b>	EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22 EN61000	(Luminaires-General) (Luminaires)  FCC Part 15. 107 15. 108 Class B
<b>SAFETY</b>	EN 62471 EN60598:2004 EN60825-1	(LED safety) Electrical Safety Laser Eye Safety
<b>IP</b>	IP66 In Accordance With EN60529;1992	
<b>ENVIRONMENTAL</b>	IEC/EN 60529 IEC/EN 62262 EN 50130-5 N2580, EN 50581	IP66 IK09 (Alarm-environmental) (RoHS), REACH
<b>USA</b>	cULus  FCC	UL 2108 UL 8750 Class B
<b>AUS</b>	RCM (AS/NZS CISPR 22 Class B)	