

CLARIUS®

LED Illuminators

WHITE-LIGHT

Large 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° & 95° elliptical beam profiles.

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

PRODUCT CODES

VL-CW Large Clarius PLUS White-Light Illuminator

Recommended PSU

ALT-60-24



Interchangeable Diffuser Lens



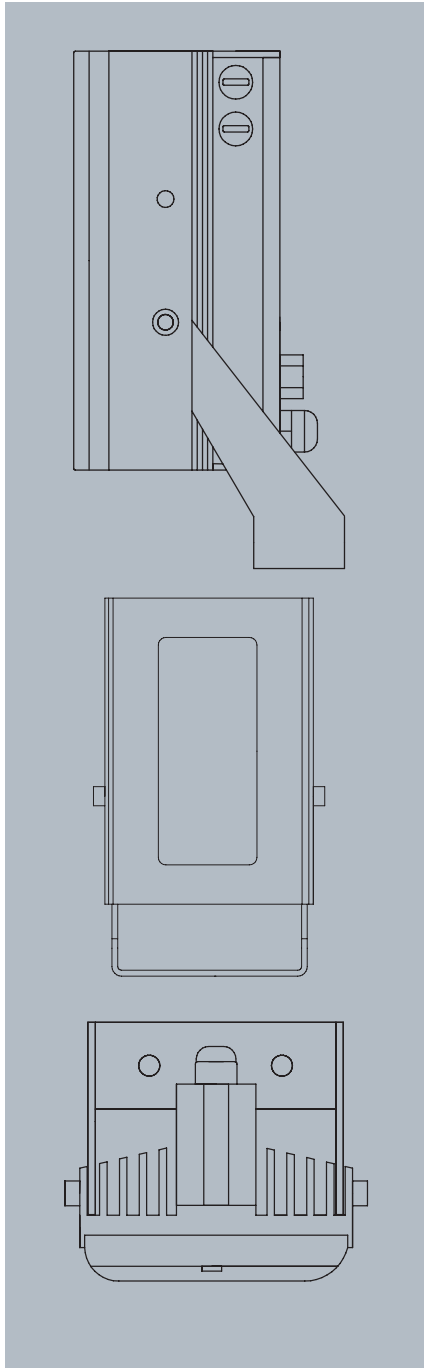
FEATURES

Latest SMT LED technology
Distances up to 139m (456')
Angle 10°, 30°, 60° & 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
Pressure equalisation vent
High quality anodised aluminium heatsink

SPECIFICATIONS



Product Code	Angle	Distance		FOV	
VL-CW	10° - Circular	139m	456'	24m	80'
	30° - Elliptical	81m	266'	43m	143'
	60° - Elliptical	58m	190'	67m	220'
	95° - Elliptical	35m	114'	76m	249'



GENERAL

ELECTRONICS	High efficiency surface mount high power LED's with advanced current limited integral control circuitry
CONSTRUCTION	Robust high quality aluminium extrusion
FRONT WINDOW	Polycarbonate high transmission protective (vandal proof) ir filter with CleanLITE® technology
FINISH	Black anodised
POWER CABLE	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	1.35Kg (1.6lbs)
MOUNT	Powder coated stainless steel wall mount
DIMENSIONS	213 x 110 x 78mm (6.34" x 4.33" x 3.07")

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	
RoHS	Restriction of hazardous substance european directive 202/95/EC	
CE-EMC	EN 61547 EN 55015 EN 62493 EN 50130-4	(Lighting-Immunity) (Lighting-Emission) (Lighting-EMF) (Alarm-EMC)
CE-LVD	EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22	(Luminaires-General) (Luminaires)
SAFETY	EN 62471	(LED safety)
IP	IP66 in accordance with EN60529;1992	
ENVIRONMENTAL	IEC/EN 60529 IEC/EN 62262 EN 50130-5 N2580, EN 50581	IP66 IK09 (Alarm-environmental) (RoHS), REACH
USA	cULus FCC	UL 2108 UL 8750 Class B
AUS	RCM (AS/NZS CISPR 22 Class B)	