Clarius ®

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, 20°, 30°, 60°, 80° & 95° elliptical beam profiles.

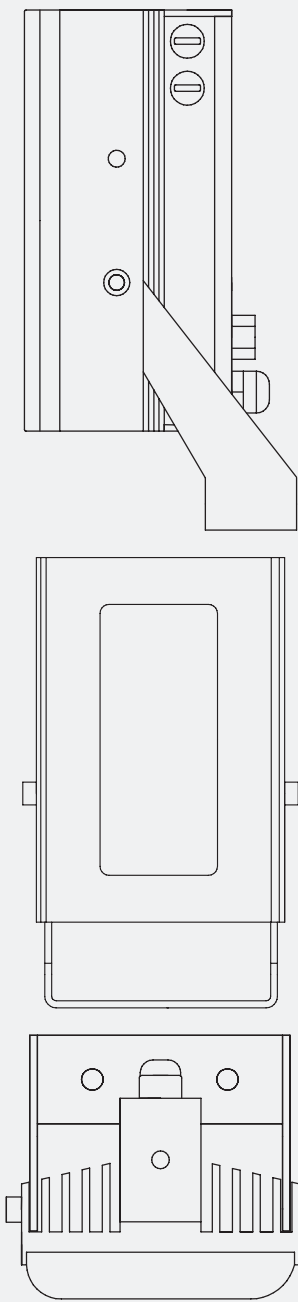Installation is quick and easy, requiring only a 12-32V DC / 24V AC +/- 10%.

INTERCHANGEABLE DIFFUSER LENS

PRODUCT CODES

VL-CW Large Clarius PLUS White-Light Illuminator

FEATURES
Latest SMT LED technology
Distances up to 139m (456')
Angle 10°, 20°, 30°, 60°, 80° & 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

Recommended PSU
ALT-60-24

Product Code	Angle	Distance		FOV	
	10° - Circular	139m	456'	24m	80'
	20° - Elliptical	93m	304'	33m	107'
VL-CW	30° - Elliptical	81m	266'	43m	143'
	60° - Elliptical	58m	190'	67m	220'
	80° - Elliptical	46m	152'	78m	255'
	95° - Elliptical	35m	114'	76m	249'

TECHNICAL SPECIFICATIONS

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) 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	**Environmental** IEC/EN 60529	IP66	
RoHS	Restriction Of Hazardous Substance European Directive 202/95/EC	IEC/EN 62262 EN 50130-5 N2580, EN 50581	IK09 (Alarm-environmental) (RoHS), REACH	
CE-EMC EN 61547 EN 55015 EN 62493 EN 50130-4	(Lighting-Immunity) (Lighting-Emission) (Lighting-EMF) (Alarm-EMC)	**USA** cULus, UL 1598 FCC, Class B **AUS**	RCM (AS/NZS CISPR 22 Class B)	
CE-LVD EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22	(Luminaires-General) (Luminaires)			
Safety EN 62471	(LED safety)			