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, 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

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

INTERCHANGEABLE DIFFUSER LENS

Recommended PSU
ALT-60-24

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'

TECHNICAL SPECIFICATIONS
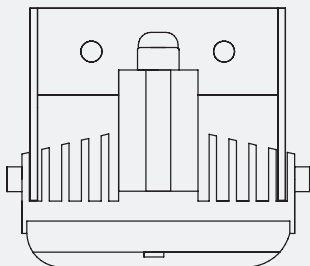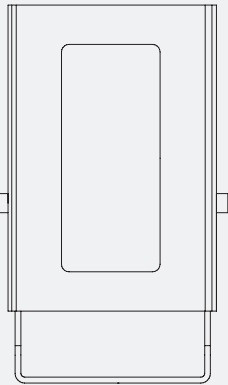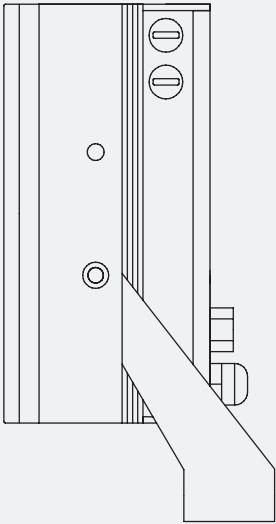
GENERAL

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