

# Clarius®



## Extra 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° and 95° elliptical beam profiles.

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

## PRODUCT CODES

**VX-CW** Extra Large Clarius PLUS White-Light Illuminator

### FEATURES

Latest SMT LED technology
Distances up to 160m (524')
Angle 10°, 30°, 60° & 95°
Elliptical beam profiles
Low power consumption (52W)
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 DV / 24V AC +/- 10%
<b>CleanLITE®</b> self cleaning lens coating technology
High quality anodised aluminium heatsink
Pressure equalisation vent



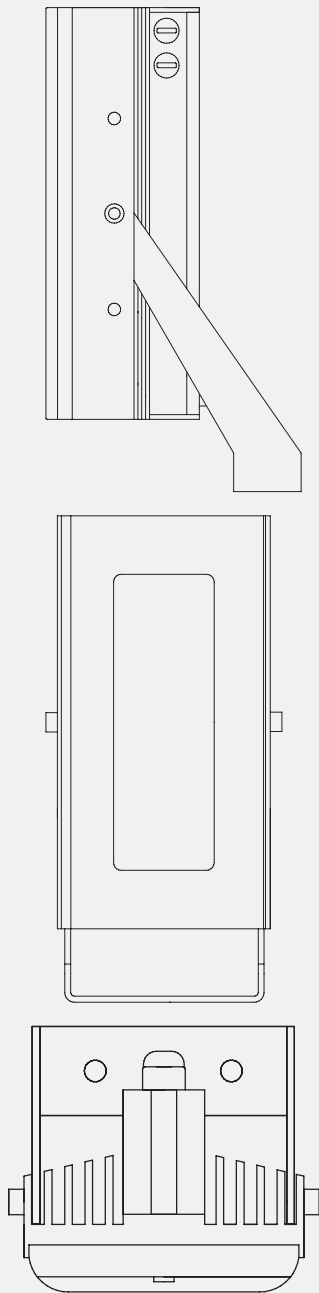
INTERCHANGEABLE  
DIFFUSER LENS

## Recommended PSU ALT-60-24



Product Code	Angle	Distance		FOV	
VX-CW	10° - Circular	160m	524'	28m	92'
	30° - Elliptical	93m	305'	50m	164'
	60° - Elliptical	67m	218'	77m	252'
	95° - Elliptical	40m	131'	87m	286'

## TECHNICAL SPECIFICATIONS



### 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) with <b>CleanLite®</b> 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>	1.75Kg (3.9lbs)
<b>Mount</b>	Powder coated stainless steel wall mount
<b>Dimensions</b>	213 x 110 x 78mm (8.39" X 4.33" X 3.07")

### Electrical

<b>Input voltage</b>	12-32V DC or 24V AC +/- 10%
<b>Input current</b>	2.2A at 24V AC
<b>Consumption</b>	52W

### Lighting output

<b>Lumen output</b>	3712lm
<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>IP</b>	IP66 in accordance with EN60529;1992
<b>RoHS</b>	Restriction Of Hazardous Substance European Directive 202/95/EC	<b>Environmental</b>	IEC/EN 60529 IP66
<b>CE-EMC</b>	EN 61547 EN 55015 EN 62493 EN 50130-4 EN61000	IEC/EN 62262 EN 50130-5	N2580, EN 50581 (RoHS), REACH
<b>CE-LVD</b>	EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22	<b>USA</b>	cULus UL 2108 UL 8750 Class B
<b>Safety</b>	EN 62471 EN60598:2004 EN60825-1	<b>AUS</b>	RCM (AS/NZS CISPR 22 Class B)
	(Lighting-Immunity) (Lighting-Emission) (Lighting-EMF) (Alarm-EMC) FCC part 15. 107 15. 108 Class b	<b>FCC</b>	
	(Luminaires-General) (Luminaires)		
	(LED safety) Electrical safety Laser eye safety		

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