

Clarius®



Clarius® Extra Large

The Clarius® 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.

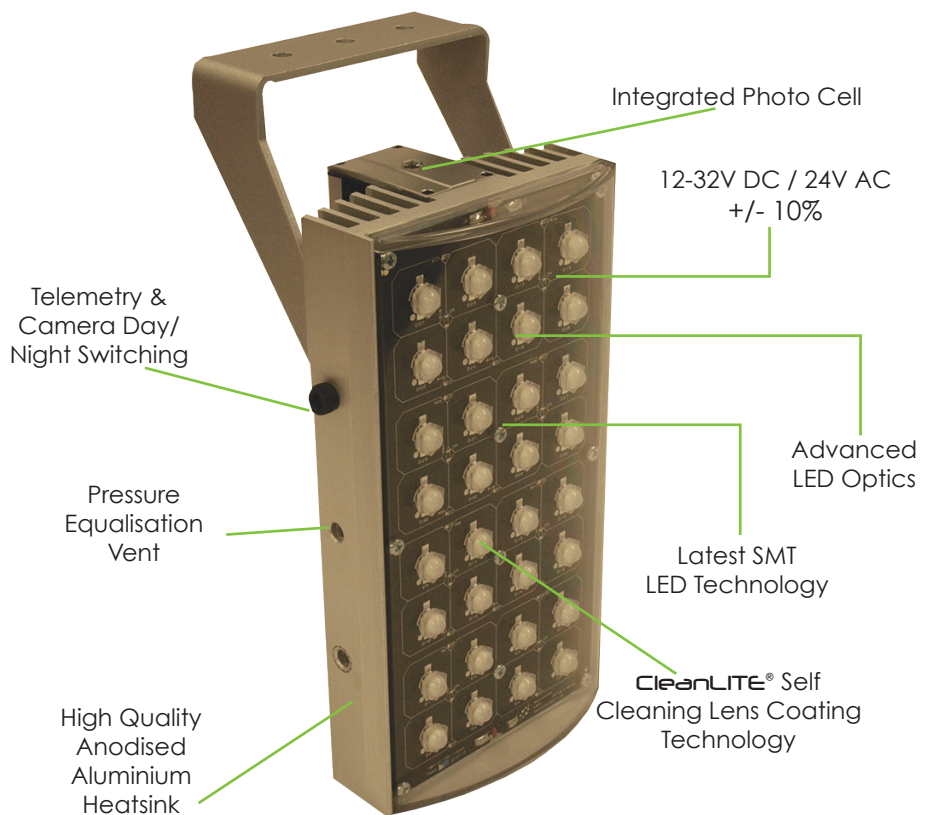
Each unit is fitted with integrated control circuitry to carefully control LED output, delivering consistent illumination and projected working life in excess of 10 years.

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

PRODUCT FEATURES

- Extra Large White Light Illuminator
- Latest SMT LED™ Technology
- Distances Up To 196m (643')
- Angle 10°, 30°, 60°, 100° x 50°, 120°
- 850nm or 940nm Wavelengths
- Low Power Consumption (52W)
- Long Life
- 5 Year Warranty
- IP67 Weather Proof Rating
- Built-in Photocell WL On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- 12-32V DV / 24V AC +/- 10%
- **CleanLITE®** Self Cleaning Lens Coating Technology

Recommended PSU ALT-60-24



SECTORS



RESIDENTIAL



COMMERCIAL



INDUSTRIAL



BORDERS



MILITARY BASES



PORTS



POWER PLANTS



HERITAGE



AIRPORTS

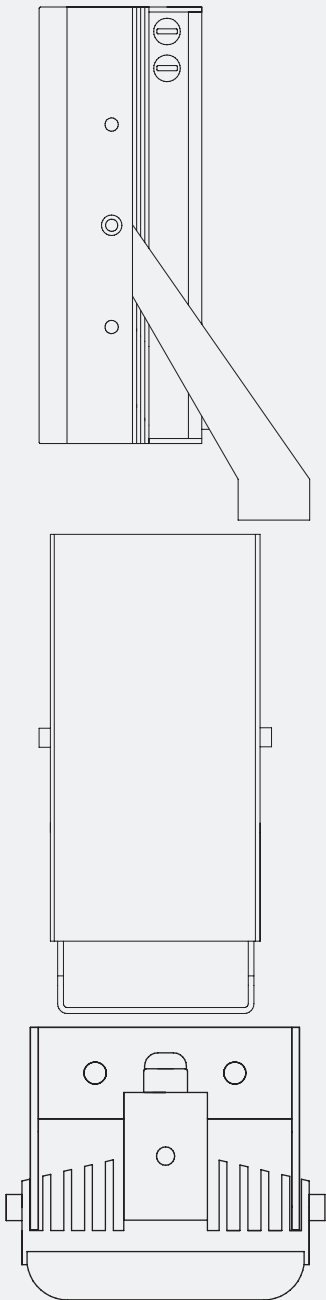


PRISONS

MODEL NUMBER	ANGLE	DISTANCE		FOV	
VX-CW10	10°	196m	643'	34m	112'
VX-CW30	30°	133m	436'	71m	234'
VX-CW60	60°	88m	289'	102m	333'
VXCW100	100° x 50°	50m	166'	119m	391'
VX-CW120	120°	42m	138'	145m	477'

Other angles available on request.

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) 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 60°C (-58° to 140°F)
Weight	1.75Kg (3.9lbs)
Mount	Powder Coated Stainless Steel Wall Mount
Dimensions	213 x 110 x 78mm (8.39" x 4.33" x 3.07")

ELECTRICAL

Input Voltage	12-32V DC or 24V AC +/- 10%
Input Current	2.2A at 24V AC
Consumption	52W

LIGHTING OUTPUT

Lumen Output	3712lm
Wavelength	Visible Spectrum (400-750nm)
Colour Temperature	6500k
Colour Rendering Index	74-80+

CERTIFICATION

Safety	EN60598:2004	Electrical Safety
	EN60825-1	Laser Eye Safety
IP	IP67 In Accordance With EN60529;1992	
EMC	EN61000, FCC Part 15. 107 15. 108 Class B	
WEEE	Waste Electrical & Electronic Equipment European Directive 202/96/EC	
RoHS	Restriction Of Hazardous Substance European Directive 202/95/EC	

Please note GJD reserve the right to change the information within this document, without notice. **DSVX-31-08-15**

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