Clarius®

Clarius® Medium

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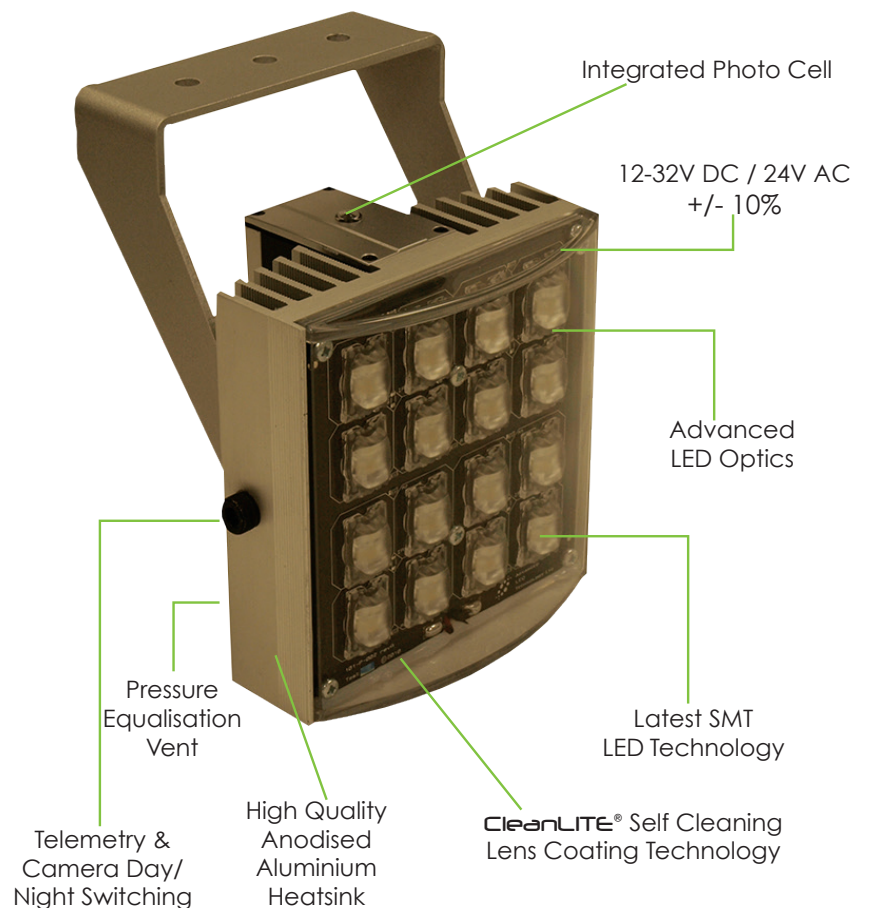
Installation is quick and easy, requiring only a 12-32V DC / 24V AC +/- 10%.

PRODUCT FEATURES

- Medium WL Illuminator
- Latest SMT LED™ Technology
- Distances Up To 67m (220')
- Low Power Consumption (26W)
- Long Life
- 5 Year Warranty
- IP67 Weather Proof Rating
- Built-in Photocell IR On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- 12-32V DV / 24V AC +/- 10%
- CleanLITE® Self Cleaning Lens Coating Technology

Integrated Photo Cell

12-32V DC / 24V AC +/- 10%

Advanced LED Optics

Latest SMT LED Technology

CleanLITE® Self Cleaning Lens Coating Technology

High Quality Anodised Aluminium Heatsink

Telemetry & Camera Day/ Night Switching

Pressure Equalisation Vent

Recommended PSU
ALT-30-24

SECTORS

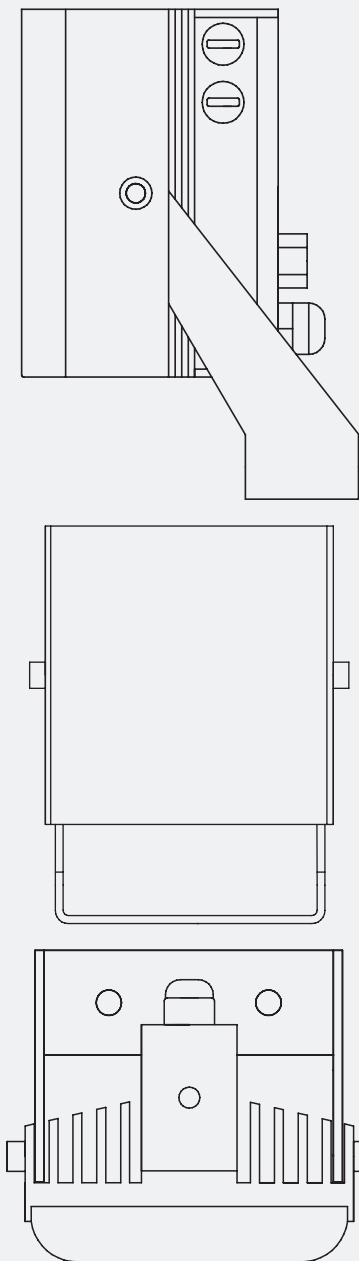RESIDENTIAL   COMMERCIAL   INDUSTRIAL   BORDERS   MILITARY BASES   PORTS   POWER PLANTS   HERITAGE   AIRPORTS   PRISONS

MODEL NUMBER	ANGLE	DISTANCE		FOV	
VM-CW10	10°	67m	220'	12m	38'
VM-CW30	30°	35m	115'	19m	62'
VM-CW60	60°	25m	82'	29m	95'
VM-CW100	100° x 50°	17m	55'	41m	133'
VM-CW120	120°	14m	46'	48m	159'

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) with CleanLITE® Technology
Finish	Black Anodised
Power Cable Remote	3m (9ft) including Photocell Following Contact & 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	750g (1.6lbs)
Mount	Powder Coated Stainless Steel Wall Mount
Dimensions	68 x 110 x 78mm (2.68" x 4.33" x 3.07")

ELECTRICAL

Input Voltage	12-32V DC or 24V AC +/- 10%
Input Current	1.2A at 24V AC
Consumption	26W

LIGHTING OUTPUT

Lumen Output	928lm
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