



**Large**  
White-Light LED Illuminator

**The GJD 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.

GJD illuminators include 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.

**FEATURES**

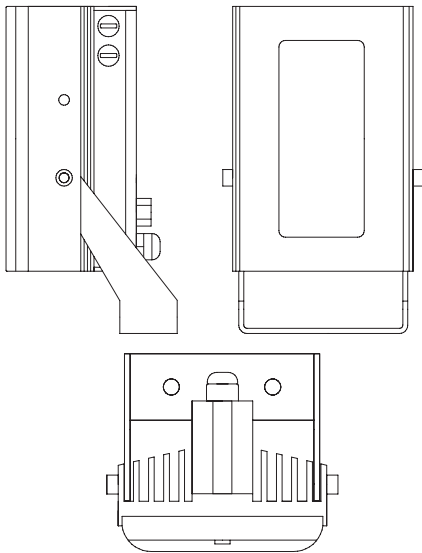
- Latest SMT LED technology
- Distances up to 139m (456')
- Angle 10°, 30°, 60°, & 95°
- Elliptical beam profiles
- 850nm or 940nm wavelengths
- Low power consumption (15W)
- Long life
- 5 year warranty
- IP66 weather proof rating
- Built-in photocell IR On/Off
- Photocell following contact
- Telemetry input for camera day/night remote switching
- 12-32V DC / 24V AC +/-10%
- CleanLITE® Self cleaning lens coating technology
- High quality anodised aluminium heatsink
- Pressure equalisation vent

**PRODUCT CODES**

<b>VL-CW</b>	Large White-Light Illuminator
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**SPECIFICATIONS**



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'

**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

**IR Wavelength**

850nm (Semi covert). Faint red glow only  
940nm (Covert). Minimal visible glow

**Power Cable**

3m (9ft) including photocell following contact & remote telemetry input

**Interface Connector**

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 (3lbs)

**Mount**

Powder coated stainless steel wall mount

**Dimensions**

161 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

**Wavelength**

**Lumen Output**

2784lm

**Wavelength**

Visible spectrum (400-750nm)

**Colour Temperature**

6500k

**Colour Rendering Index**

74-80+

CERTIFICATIONS	
<b>WEEE</b>	Waste electrical & electronic equipment european directive 2012/19/EC
<b>RoHS</b>	Restriction of hazardous substance european directive 2011/65/EC
<b>CE-EMC</b>	EN 61547 (Lighting-Immunity) EN 55015 (Lighting-Emission) EN 62493 (Lighting-EMF) EN 50130-4 (Alarm-EMC) EN61000, FCC Part 15. 107 15. 108 Class B
<b>CE-LVD</b>	EN 60598-1 (Luminaires-General) EN 60598-2-1 (Luminaires) EN 62368-1 / EN 60950-22

<b>SAFETY</b>	EN 62471 (LED safety) EN60598:2004 Electrical Safety EN60825-1 Laser Eye Safety
<b>IP</b>	IP66 In Accordance With EN60529:1992
<b>ENVIRONMENTAL</b>	IEC/EN 60529 IP66 IEC/EN 62262 IK09 EN 50130-5 (Alarm-environmental) N2580, EN 50581 (RoHS), REACH
<b>USA</b>	cULus UL 2108 FCC UL 8750 Class B
<b>AUS</b>	RCM (AS/NZS CISPR 22 Class B)