

CLARIUS®

LED Illuminators

IP

MEDIUM IP IR LED Illuminator

The Clarius® Plus IP is a high performance Infra-Red illuminator.

Incorporating the latest surface mount LED's with enhanced optical output and outstanding reliability, they deliver excellent night-time images.

The Clarius® Plus IP is a internet protocol connected illuminator with integrated web browser interface.

The Clarius® Plus IP 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.

PRODUCT CODES

IM-8-IP Medium Clarius PLUS IP Infra-Red Illuminator 850nm

IM-9-IP Medium Clarius PLUS IP Infra-Red Illuminator 940nm

Supported VMS software/NVRs



Supported cameras for direct control



Supported home automation software



Interchangeable Diffuser Lens

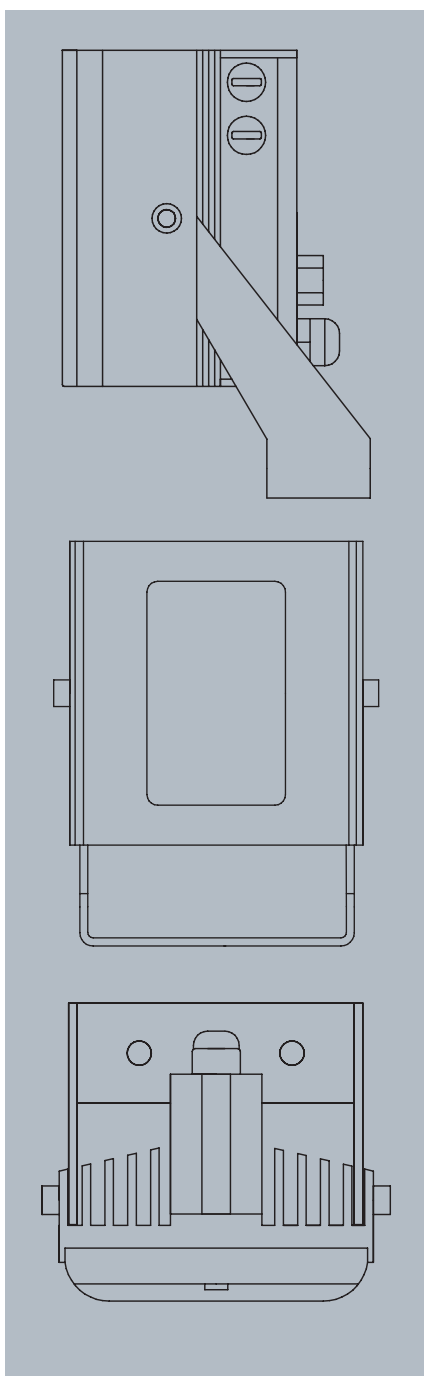


FEATURES

Angle 10°, 30°, 60° & 95°
Web browser interface
Direct integration with VMS system
Elliptical beam profiles
IEEE02at compliant
Latest SMT Dual Core® LED technology
Distances up to 187m (614')
850nm or 940nm wavelengths
5 year warranty
IP66 weather proof rating
Built-in photocell IR on/off
Photocell following contact
Telemetry input for remote switching
Vibration sensor
CleanLITE® self cleaning lens coating technology
High quality anodised aluminium heatsink

SPECIFICATIONS

Product Code	Wavelength	Angle	Distance		FOV	
IM-8-IP	850nm	10° - Circular	187m	614'	33m	107'
		30° - Elliptical	94m	307'	50m	164'
		60° - Elliptical	60m	195'	69m	225'
		95° - Elliptical	30m	98'	65m	213'
IM-9-IP	940nm	10° - Circular	115m	376'	20m	66'
		30° - Elliptical	65m	213'	35m	114'
		60° - Elliptical	40m	131'	46m	152'
		95° - Elliptical	20m	66'	44m	143'



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)
INTERFACE CONNECTOR	Photocell Following Contact & Remote Telemetry Input
PRESSURE EQUALISATION VENT	Prevents thermal expansion & pressure cycling
PHOTOCELL	Software adjustable
VIBRATION/KNOCK SENSOR	Software adjustable sensitivity
ILLUMINATION	Software adjustable 10% - 100% with pulse modes
OPERATING TEMPERATURE	-50° to 60°C (-58° to 140°F)
WEIGHT	1.05Kg (2.3lbs)
MOUNT	Powder coated stainless steel wall mount
DIMENSIONS	111 x 110 x 78mm (4.49" x 4.33" x 3.07")
USER INTERFACE	Web browser user interface. No software or installation needed.

ELECTRICAL

HIGH POWER OTHER ETHERNET	IEEE802at Compliant, TCP/IP
CONSUMPTION	26W

WAVELENGTH

STANDARD	850nm (Semi Covert), Faint Red Glow Only
OPTIONAL	940nm (Covert), Minimal Visible Glow

CERTIFICATIONS

WEEE	Waste electrical & electronic equipment european directive 2012/19/EC	
RoHS	Restriction of hazardous substance european directive 2011/65/EC	
CE-EMC	EN 61547 EN 55015 EN 55032, Class B EN 55024 EN 62493 EN 50130-4	(Lighting-Immunity) (Lighting-Emission) (IT-Emission) (IT-Immunity) (Lighting-EMF) (Alarm-EMC)
CE-LVD	EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22	(Luminaires-General) (Luminaires)
SAFETY	EN 62471	(LED safety)
ENVIRONMENTAL	IEC/EN 60529 IEC/EN 62262 EN 50130-5 N2580, EN 50581	IP66 IK09 (Alarm-environmental) (RoHS), REACH
USA	cULus FCC	UL 2108 UL 8750 Class B
AUS	RCM (AS/NZS CISPR 22 Class B)	