

CLARIUS[®]

LED Illuminators

INFRA-RED

Medium PoE IR LED Illuminator

The Clarius[®] Plus range of high performance Infra-Red LED illuminators are designed to provide class leading performance, long life and ultra low maintenance.

Incorporating the latest surface mount Dual Core[®] 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.

PRODUCT CODES

IM-8-P Medium Clarius PLUS PoE Infra-Red Illuminator 850nm

IM-9-P Medium Clarius PLUS PoE Infra-Red Illuminator 940nm

Interchangeable Diffuser Lens



FEATURES

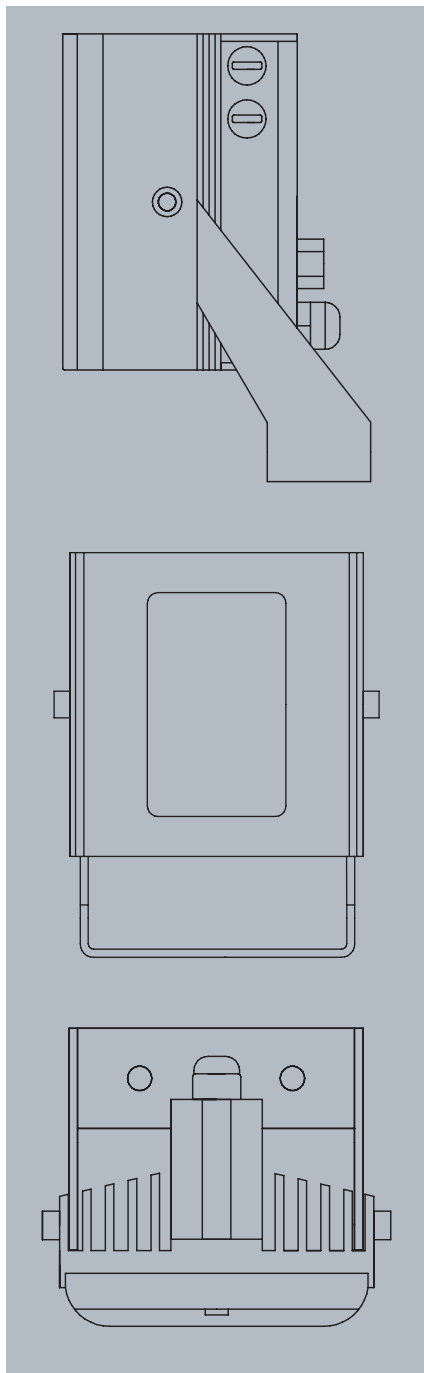
IR illuminator designed to provide dedicated lighting for IP cameras via PoE+ (power over ethernet)
IEEE802.3at compliant (PoE+)
Latest Dual Core [®] SMT LED technology
Elliptical beam profiles
Distances up to 187m (614')
Angle 10°, 30°, 60° & 95°
850nm or 940nm wavelengths
5 year warranty
IP66 weather proof rating
Built-in photocell IR on/off
Photocell following contact
Telemetry input for remote switching
Enable network infrastructure technology
CleanLITE [®] self cleaning lens coating technology
High quality anodised aluminium heatsink

SPECIFICATIONS



Product Code	Wavelength	Angle	Distance		FOV	
IM-8-P	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-P	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'

Other angles available on request.



GENERAL

ELECTRONICS	High efficiency surface mount high power dual core® 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) with waterproof RJ45 connector
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	1.05Kg (2.3lbs)
MOUNT	Powder coated stainless steel wall mount
DIMENSIONS	111 x 110 x 78mm (4.49" x 4.33" x 3.07")

ELECTRICAL

HIGH POWER OVER ETHERNET	IEEE802at Compliant (PoE+)
CONSUMPTION	26W

WAVELENGTH

STANDARD	850nm (Semi Covert). Faint Red Glow Only
OPTIONAL	940nm (Covert). Minimal visible glow

CERTIFICATIONS

SAFETY	EN60598:2004 EN60825-1	Electrical Safety Laser Eye Safety
IP	IP66 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	