

Medium Hybrid IP IR/WL LED Illuminator

The Clarius® Hybrid IP is a high-performance combined infra-red and white light illuminator. Incorporating the latest surface mount LED's with enhanced optical output and outstanding reliability, delivers excellent night-time images.

The Clarius® Hybrid IP is an internet protocol connected illuminator with integrated web browser interface. The range includes an 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, illuminating 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

HM-8CW-IP Clarius Medium Hybrid IP 850nm IR/WL Illuminator

HM-9CW-IP Clarius Medium Hybrid IP 940nm IR/WL Illuminator



OSRAM

LEDs Included

Interchangeable Diffuser Lens



FEATURES

- Hybrid Illuminator designed to provide dedicated lighting for IP cameras via PoE (power over ethernet)
- Combined Infra-red and White-light illumination
- Latest SMT LED technology
- Angle 10°, 30°, 60°, & 95° (Other angles are available on request)
- Elliptical beam profiles
- Distances up to 101m (332') (IR) and 68m (223') (White light)
- Integrated browser interface
- Direct integration with VMS system
- IEEE02af compliant
- IP66 weatherproof rating
- Built-in photocell on/off
- Vibration/shock sensor
- CleanLITE® self-cleaning lens coating technology
- High quality anodised aluminium heatsink
- 5-year warranty

Supported VMS software/NVRs



Supported cameras for direct control



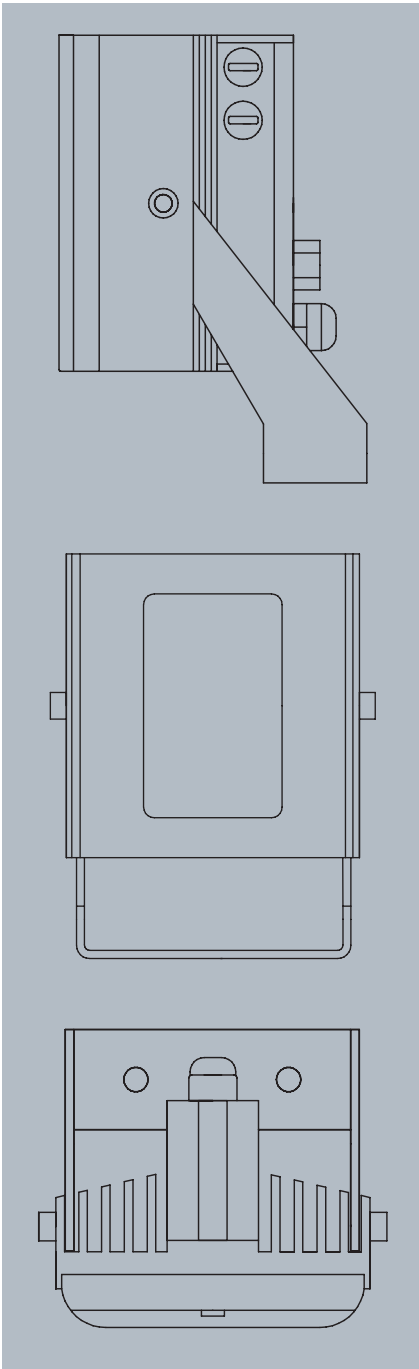
Supported home automation software



Infra-Red Distances						
Product Code	Wavelength	Angle	Distance		FOV	
HM-8CW-IP	850nm	10° - Circular	101m	332'	18m	58'
		30° - Elliptical	51m	166'	27m	89'
		60° - Elliptical	32m	106'	37m	122'
		95° - Elliptical	16m	53'	35m	115'
HM-9CW-IP	940nm	10° - Circular	62m	204'	11m	36'
		30° - Elliptical	30m	98'	16m	53'
		60° - Elliptical	18m	60'	21m	70'
		95° - Elliptical	9m	30'	20m	66'

White-Light Distances				
Angle	Distance		FOV	
10° - Circular	68m	223'	12m	39'
30° - Elliptical	40m	130'	21m	70'
60° - Elliptical	28m	93'	33m	107'
95° - Elliptical	17m	56'	37m	122'

(Other angles are available on request)



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
WHITE-LIGHT	Lumen output: 928 lm+ Colour temperature: Ultra white ≈6000K CRI: >70
POWER CABLE	1m with IP68 connector
PRESSURE EQUALISATION VENT	Prevents thermal expansion & pressure cycling
PHOTOCELL	Software adjustable
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

INPUT VOLTAGE	PoE, IEEE802af Compliant, TCP/IP
CONSUMPTION	12W

CERTIFICATIONS

WEEE	Waste electrical & electronic equipment european directive 202/96/EC	
RoHS	Restriction of hazardous substance european directive 202/95/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)
IP	IP66 in accordance with EN60529;1992	
ENVIRONMENTAL	IEC/EN 60529 IEC/EN 62262 EN 50130-5	IP66 IK09 (Alarm-environmental)
AUS	RCM (AS/NZS CISPR 22 Class B)	