

Clarius®



Large DUAL IR LED Illuminator

The **Clarius® DUAL PLUS** range of high performance LED illuminators are designed to provide class leading performance, long life and ultra low maintenance.

Incorporating the latest ultra high power surface mount **Dual Core®** LED's with enhanced optical output and outstanding reliability, they deliver excellent night time images.

Individually adjustable panels allows the user to alter the angle of illumination to match the cameras field of view.

The **Clarius® DUAL 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, 20°, 30°, 60°, 80° & 95° elliptical beam profiles.

PRODUCT CODES

IL2-8-DUAL Large Clarius PLUS DUAL Infra-Red Illuminator 850nm

IL2-9-DUAL Large Clarius PLUS DUAL Infra-Red Illuminator 940nm

FEATURES

Distance up to 319m (1048ft)
Latest Dual Core® SMT LED technology
Adjustable angles
Low power consumption
IP66 weather proof rating
CleanLITE® Self cleaning lens coating technology
850nm or 940nm wavelengths
Long life
5 year warranty
Angle 10°, 20°, 30°, 60°, 80° & 95°
Elliptical beam profiles
12-32 VDC / 24V AC +/- 10%



INTERCHANGEABLE
DIFFUSER LENS

ADJUSTABLE ANGLES



Narrow
Angle

Wide
Angle



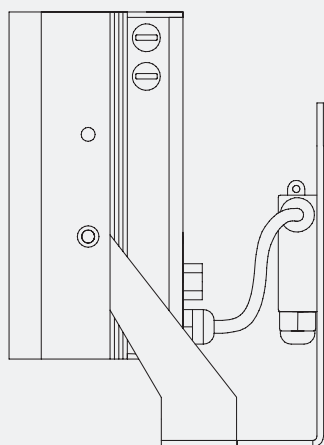
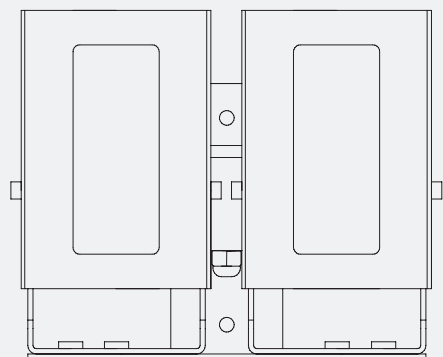
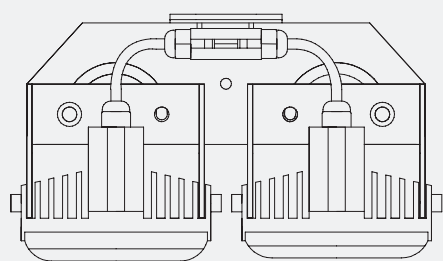
Recommended PSU



100W Power Supply
Part Code: ALT-100-24

Product Code	Wavelength	Angle	Distance		FOV	
IL2-8-DUAL	850nm	10° - Circular	319m	1048'	56m	183'
		20° - Elliptical	218m	714'	77m	252'
		30° - Elliptical	160m	524'	86m	281'
		60° - Elliptical	102m	333'	117m	385'
		80° - Elliptical	73m	238'	122m	400'
		95° - Elliptical	51m	167'	111m	364'
IL2-9-DUAL	940nm	10° - Circular	196m	643'	34m	113'
		20° - Elliptical	137m	448'	48m	158'
		30° - Elliptical	111m	364'	59m	195'
		60° - Elliptical	68m	224'	79m	259'
		80° - Elliptical	51m	168'	86m	282'
		95° - Elliptical	34m	112'	75m	245'

TECHNICAL SPECIFICATIONS



ILLUMINATOR

Max Distance	Up to 319m (1048ft)
Angle	Various (see above)
Construction	Robust high quality aluminium extrusion
Finish	Black anodised
Front Window	Polycarbonate high transmission with CleanLITE® technology
Illuminator Cable	3m (9ft)
Optics	Latest Dual Core® SMT LED technology
Pressure Vents	Prevents thermal expansion & pressure cycling
Temperature	-50° to 50°C (-58° to 122°F)
Dimensions	161.5mm x 238mm x 79.5mm
Weight	3.3Kg (7.3lb)
BRACKETRY	Powder coated stainless steel wall mount included
ELECTRICAL	
Input Voltage	12-32 VDC / 24V AC +/- 10%
Input Current	3.2 A at 24V
Power Consumption	78W

CERTIFICATIONS

WEEE	Waste Electrical & Electronic Equipment European Directive 2012/19/EC	Environmental IEC/EN 60529	IP66
RoHS	Restriction Of Hazardous Substance European Directive 2002/95/EC	IEC/EN 62262 EN 50130-5	IK09 (Alarm-environmental)
CE-EMC EN 61547 EN 55015 EN 62493 EN 50130-4	(Lighting-Immunity) (Lighting-Emission) (Lighting-EMF) (Alarm-EMC)	N2580, EN 50581	(RoHS), REACH
CE-LVD EN 60598-1 EN 60598-2-1 EN 62368-1 / EN 60950-22	(Luminaires-General) (Luminaires)	USA cULus, UL 1598 FCC, Class B	RCM (AS/NZS CISPR 22 Class B)
Safety EN 62471	(LED safety)	AUS	

