iluminar

WL643-2 Series

Product Features

- Super long range White Light illuminator
- Visible light for color
- SMT LED technology
- Distances up to 643' (196m)
- Angles 10°, 30°, 60° 100°& 120°
- Low power consumption (48W)
- Long life
- 5 yearwarranty
- IP67 weatherproof rating
- Built-in photocell on/off
- Telemetry input for remote switching
- 12-32VDC or 24VAC input

What is White Light?

White light is visible light. Visible light provides the following benefits:

- Acts as a deterrent
- Allows for color images 24/7
- Lights up an area for safety
- True color video versus sodium lighting

All Iluminar White Light illuminators provide superior white lighting for video surveillance systems. They are available with a range of angles to cover different distances and scenes.

Supplied with an IP67 rating, they are vandal proof and can be used indoors and outdoors. The anodized aluminum housing provides protection from the harshest weather conditions.

Professional Illuminators vs Camera Built-in Illuminators

There are many advantages of using separate, professional illuminators versus built-in camera infrared illuminators

- Longer life on the LED's
- No hot spots
- Wider angles
- Longer range
- Avoids attracting insects to obscure camera view

Models

Model Number	Angle	Distance		HOV	
WL643-10-24-2	10°	643'	196m	112'	34m
WL643-30-24-2	30°	436'	133m	234'	71m
WL643-60-24-2	60°	289'	88m	333'	102m
WL643-100-24-2	100° x 50°	166'	50m	391'	119m
WL643-120-24-2	120°	138'	42m	477'	145m

General

Electronics	High efficiency surface mount high power LED's with advanced current limited integral control circuitry
Number of SMT LED's	16
Construction	Robust high quality aluminum extrusion
Front window	Clear Polycarbonate
Finish	Black anodized
Power Cable	9ft (3m)
Telemetry Following Contact	Via cable
Pressure Equalization Vent	Prevents thermal expansion & pressure cycling
Photocell	Adjustment via Remote
Illumination	Adjustable via Remote
Operating Temperature	-58° to 140^oF (-50° to 60^oC)
Weight	4.4lbs (2Kg)
Mount	Black powder coated stainless steel wall mount
Dimensions	8.27" x 4.33" x 3.15" (210 x 110 x 80mm)

Electrical

Input Voltage	12-32V DC or 24V AC
Input Current	2.2A at 24V AC
Consumption	48W

Lighting Output

Lumen Output	3712lm
Wavelength	Visible Spectrum (400-750nm)
Color Temperature	6500K
Color Rendering Index (CRI)	74-80+

Certifications

Safety	EN60598:2004	Electrical Safety
	EN60825-1	Laser Eye Safety
IP	IP67 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 Substances European directive 202/95/EC	