

# iluminar

## WL643-PoE-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 year warranty
- IP67 weatherproof rating
- Built-in photocell on/off
- Telemetry input for remote switching
- High Power PoE power



### 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-PoE-2	10°	643'	196m	112'	34m
WL643-30-PoE-2	30°	436'	133m	234'	71m
WL643-60-PoE-2	60°	289'	88m	333'	102m
WL643-100-PoE-2	100° x 50°	166'	50m	391'	119m
WL643-120-PoE-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°F (-50° to 60°C)
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

Power over Ethernet (PoE) High Power PoE

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