

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

Electrical

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)

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
EN 60825-1 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 2002/96/EC

RoHS Restriction of Hazardous Substances European
directive 2002/95/EC