iluminar

WL436 Series

Product Features

- Long range White Light illuminator
- Visible light for color CCTV cameras
- SMT LED technology
- Distances up to 436' (133m)
- Angles 10°, 30°, 60°, 100° & 120°
- Low power consumption (39W)
- Long life
- 5 year warranty
- IP67 weatherproof rating
- Built-in photocell IR on/off
- Photocell following contact
- Telemetry input for remote switching
- 12-32VDC or 24VAC input

Who are Iluminar?

Iluminar (which stands for "illuminate" in Spanish) are a specialist manufacturer and supplier of IR and white light illuminators and license plate recognition products. The owners have over 30 years combined industry experience. Our company mission is to supply high quality and reliable lighting and license plate recognition products to the CCTV industry, backed by unsurpassed customer service.

What is White Light?

White light is visible light. Visible light is advantageous in that in acts as a deterrent as well as providing additional lighting for color cameras.

All Iluminar's white light illuminators are designed to provide superior visible lighting for CCTV systems. They are available with a range of angles to cover different ranges and scenes.

Supplied with an IP67 rating, they are vandal proof and can be used outdoors. The hardened housing provides protection from the harshest weather conditions and rapid temperature variations (-58°F to 140°F).

All Iluminar illuminators have a built-in photocell and are supplied with a wall mounting bracket. They are all low powered with both 12Vdc and 24VAC models available, removing the requirement for additional power supplies as with other illuminators.

Models

Model Number	Angle	Distance		HOV	
WL436-10-24	10°	436'	133m	76'	23m
WL436-30-24	30°	230'	70m	123'	38m
WL436-60-24	60°	174'	53m	201'	61m
WL436-100-24	100° x 50°	110'	33m	258'	79m
WL436-120-24	120°	92'	28m	318'	97m

General

Electronics	High efficiency surface mount high power LED's with advanced current limited integral control circuitry
Number of SMT LED's	24
Construction	Robust high quality aluminum extrusion
Front window	Polycarbonate high transmittance protective (vandal-proof) clear
Finish	Silver anodized
Power Cable	9ft (3m)
Interface Connector	Photocell following contact & remote telemetry input
Pressure Equalization Vent	Prevents thermal expansion & pressure cycling
Photocell	Adjustment via pot
Illumination	Adjustable via pot
Operating Temperature	-58° to 140°F (-50°to 60°C)
Weight	3lbs (1.35Kg)
Dimensions	6.34" x 4.33" x 3.07" (161 x 110 x 78mm)
Mount	Silver powder coated stainless steel wall mount. Adjustable via M6 Allen key (included)

Electrical

Input Voltage	12-32V DC or 24V AC
Input Current	1.6A at 24V AC
Consumption	39W

Lighting Output

Lumen Output	2784 lm
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	