iluminar

WLC150 Series

Product Features

- Medium range White Light illuminator
- Distances up to 150' (45m)
- Angles 15°, 30°, 60°, 90°&120°
- Low power consumption (24W)
- Even illumination
- 2yearwarranty
- IP66weatherproof rating
- Built-in photocell Light on/off
- 12Vdc or 24VAC input

Who isiluminar?

iluminar (which means "to illuminate" in Spanish) is 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 it 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 IP66 rating, they are vandal proof and can be used indoors & outdoors. The hardened housing provides protection from the harshest weather conditions and rapid temperature variations (-58°F to 140°F).

All ofiluminar's white light 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 of Illumination	
WLC150-15-24	15°	150'	45m
WLC150-30-24	30°	132'	40m
WLC150-60-24	60°	76'	23m
WLC150-90-24	90°	43'	13m
WLC150-120-24	120°	26'	8m

Consumption   24W

* Viewing distance tested using Sony 1/3" CCD camera with 0.01lux. To achieve the distance needed, please pay attention to your camera and lens specifications prior to purchase. Distances realized may vary due to different camera and lens specifications.

General

Electronics	High efficiency surface mount high power LED's with advanced current limited integral control circuitry
Number of SMT LED's	12
Construction	Robust high quality aluminum extrusion
Front window	Tempered glass panel
Finish	Black powder coated
Power Cable	1.47' (45cm)
Operating Temperature	-40° to 122°F (-40°to 50°C)
Weight	2.86lbs (1.3Kg)
Mount	Black powder coated stainless steel wall mount. Adjustable via M6 Allen key (included)
Dimensions	5.39" x 4.37" x 3.50" (137 x 111 x 89mm)

Lighting

Color Temperature	6000K
Luminous Flux	1440lm

Certifications

Safety	EN60598:2004	Electrical Safety
	EN60825-1	Laser Eye Safety
IP	IP66 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	

Electrical

Input Voltage	12Vdc or 24VAC
Input Current	1.2Amps at 24VAC or 2.5Amps at 12Vdc