

# *iluminar*

## **IL-DMB** Dual Mounting Bracket



### **Product Features**

- Dual illuminator mounting bracket
- Compatible with iluminar IR (Infrared) and WL (White Light) dual powered series illuminators
- Doubles the Angle of Illumination
- Maximum Angle of Illumination 240 degrees
- Increases Illumination distance by a factor of 1.4x when using 2 equivalent illuminators
- Mix-and-match illuminators (angle & distance)
- Mix-and-match IR & White Light illuminators for Hybrid models
- Fully adjustable (left, right, up & down)
- Black powder coated stainless steel construction
- Easy swap-out of illuminators
- IP67 rated junction box

**Who are Illuminar?**

Illuminar (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 IR Illumination?**

Active or near infrared (NIR) illumination is energy which is invisible to the human eye but can be seen by a high quality black/white or true day/night camera (IR cut filter removed). The energy from IR illuminators resides just outside the visible red section of the electromagnetic spectrum, above 700nm and below 1000nm.

IR illumination is an ideal source of illumination for security cameras for the following reasons.

- It is invisible to the human eye but visible to black/white and true day/night cameras, which makes it ideal as a covert/none obtrusive form of illumination.
- Because it is invisible to the human eye it does not create the problem of light pollution.
- It has a longer range than visible light due to the higher wavelength

All Illuminar’s Infrared illuminators are designed to provide superior IR 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).

**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 Illuminar’s white light illuminators are designed to provide superior visible lighting for CCTV systems. They are available in an assortment 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 Illuminar 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 | Color | Compatible Illuminator Models                         |
|--------------|-------|---|
| IL-DMB-BL    | Black | IR148, IR312, IR623, IR919, WL105, WL220, WL436,WL643 |

**General**

|              |  |
|--------------|--|
| Construction | 316 stainless steel  |
| Finish       | Black powder coated  |
| Junction Box | IP67 rated with output terminal blocks for 2 x illuminators and single input cord (up to 16 AWG) |
| Weight       | 1.54lbs (700g)   |
| Dimensions   | 9.1” x 6.3” x 2.9” WxHxD<br>(231 x 160 x 75.5mm)   |