

An attractive infra-red illuminator using 24 LEDs to provide illumination for IR sensitive cameras up to a range of 8 – 10mtrs. The lamp is housed in a waterproof (IP67) aluminium case and comes complete with an adjustable fixing bracket and special power cable allowing in-line connection to an existing camera 12v power supply.



Features

This is a high performance infrared illuminator.

It has an effective range of up to 10 metres and a 30° spread.

The unit utilises 24 long life infrared 850nm wavelength LEDs and the lamp is controlled by a CDS light sensor.

This unit is waterproof and suitable for both internal and external use.

The lamp comes with a mounting bracket for surface mount or camera mount fixing.

A special in-line power lead is supplied enabling connection into an existing camera 12v power supply.

Installation

Secure the bracket to the ceiling or wall position. The horizontal angle can be adjusted by twisting the bracket in the screw slots provided. The lamp can then be attached to the bracket and the vertical adjustment altered by slackening the two side retaining screws. Alternatively the bracket can be secured direct to the camera by using the camera retaining screw.

Powering the lamp

The lamp has a short fly lead with a mini 2.1 jack plug for connecting to a 12v regulated power supply. Alternatively the special in-line power lead can be connected which consists of two 2.1 mini jack sockets and one 2.1 jack plug. This allows connection to an existing 12v camera power supply. See diagram on the right.

Specifications

Wave Length	850 nm
Projection Angle	30°
Projection Distance	8 – 10 metres
LED life	6000 hours
Auto Power ON/OFF	CDS auto control
Construction	Aluminium case, IP67 waterproof design
Filter	Tempered Glass
Power Supply	12v DC 0.2Amp
Power Consumption	2.5 W max
Operation Temperature	-10°C - 60°C
Weight	152g (without bracket set)
Dimensions	53mm x 37mm (L) (Body Only)



Warning

When this unit is in use, avoid direct eye contact with the infrared lights.

The unit's outer case can heat up to 65°C when in use and care should be taken to ensure that this lamp is fitted where it cannot be easily touched. It must also not be fitted in close proximity of any flammable materials. The glass lens on this unit is made from tempered glass and direct contact must be avoided to eliminate contamination. It is recommended to clean the lens with cotton balls dipped in cleaning alcohol for polishing.

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