Miniflood 100

Night-time illumination for CCTV





Miniflood 100

Specifically designed for short-range CCTV schemes up to 55 metres Miniflood is the latest addition to Derwent's complete range of high performance night-time illumination products

Small, attractive and robust, Miniflood has all the benefits of Derwent's range being efficient and reliable with outstanding bulb life - average of 8,000 hours

A comprehensive range of lens and filter options means that Miniflood is flexible and appropriate for all short range IR requirements.

The attractive compact design means Miniflood is appropriate for all industrial and commercial applications as well as being suitable for retail and domestic CCTV schemes

Colour version with mired shift filter for balanced, visible white light output for colour CCTV schemes

Miniflood 100 Short Range Long Life

Long bulb life - Average over 2 Year Operation

High output radiation through high efficiency optics and high output bulb

Range of 3 beam patterns:
narrow, medium and wide lenses to allow efficient coverage of all CCTV scenes

Overt filters (730nm) & semi-covert (830nm) as standard. Discreet or colour-balanced filters as options

Small, attractive, robust construction

Extensive mounting options

High efficiency optics and long life bulb Saves running, maintenance and installation costs

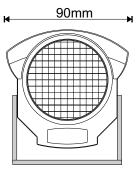
Low voltage at camera head

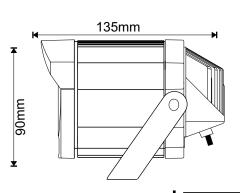
Derwent provide specialised advice and support for your night-time illumination CCTV projects and can arrange on-site demonstrations

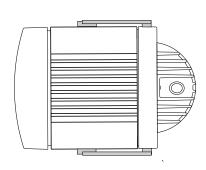
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Note: For achievable distances please refer to the Matrix

Short Range - Long Life Miniflood 100







Illuminator Specification

General

Consumption 70W

Optics Optimised focus optical system

Bulb-life Average 8,000 hours

Construction Robust aluminum casting/extrusion

Weight <800g

Colour Black (standard)

RAL colours available as option

Cable Length Supplied with 2m lead

Filter Specifications

Standard Filters 730nm Special to order 950nm

830nm Colour

Lenses/Beam Patterns

10° Narrow (Useable up to 15°)

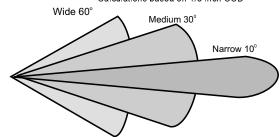
Suitable for 16mm lenses and longer*

30° Medium (Useable up to 45°)

Suitable for 6mm - 16mm lenses*

60° Wide Suitable for 6mm and shorter*

*Calculations based on 1/3 Inch CCD



Power Supply Specification

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Standard Range

 Mains Supply
 220 - 240V, 50Hz

 Output
 Nominal 12V , 5.5A

Photocell Dusk/Dawn automatic switching

Remote Control Volt Free switching from

telemetry system (PSUMINIST Only)

Physical IP66 Enclosure

Twin and Single Options

Single PSU MINI SS

120mmx120mmx65mm

Twin PSU MINI ST

160mmx80mmx65mm

Bracketry Specifications

U-Bracket As standard

1/4" BSW tapped hole for top and bottom mounting

Note: Range, video signal, signal/noise ratio and field of view will depend on sensitivity and spectral response of camera/lens combination

Contact Derwent for advice on your proposed scheme

Replacement bulb type: MINILL

Ordering Information

Specify as separate items:

1. Specify lamp(s) incl. lens & filter MF100/10/730

2. Specify power supply PSU MINI SS

Agent/Distributor

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The performance figures given are typical. In view of company policy of continuous product development the specifications may be changed without notice. Version 2.1