



UF600

- ▶ Long Range Infra-Red Illumination
- ▶ IR to 400m/1300ft*
- ▶ High Efficiency Gold Optics
- ▶ High Bulb Output
- ▶ Low Power Consumption
- ▶ "Plug and Play" Installation
- ▶ Average Bulb Life 1000hrs

*Achievable with twin UF600 lamps

PRODUCT DESCRIPTION

Based upon Derwent's industry-leading UF500, this high power, high performance Infra-Red illuminator extends achievable night-time surveillance distances to beyond 400m/1300ft*

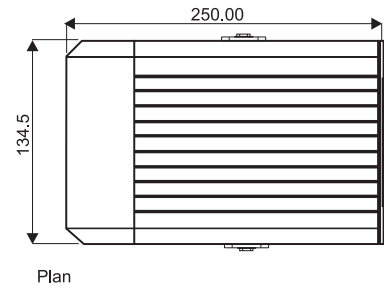
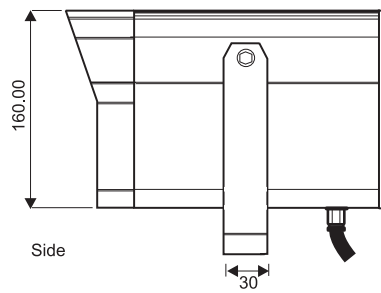
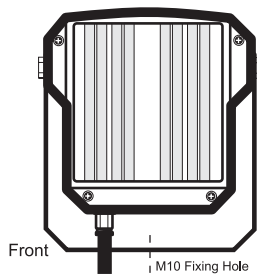
UF600 is specially engineered for "Plug and Play" long range surveillance. High specification optics act to isolate the "invisible" wavelength of 695nm, just beyond the visible spectrum. Increased bulb power drives a high fidelity six degree spot beam powerful enough for the most demanding night-time surveillance.

A&E SPECIFICATION

Please contact Derwent for a full A&E specification

APPLICATIONS

- ▶ Critical infrastructures
- ▶ Railways
- ▶ Perimeter surveillance
- ▶ Airports
- ▶ Prisons
- ▶ Ports & harbours
- ▶ Water reservoirs



Note: All dimensions are in millimetres.

TECHNICAL

SELECTION GUIDE

Order Part No.	Beam Angle	Wavelength	Illumination	Achievable Distance	HFOV
UF600/Spot/695	High-fidelity 6° Spot Beam	695nm	Semi-Covert	280m/919ft	30m/98ft

Note: Distance achievable depends upon the Infra-Red characteristics of CCD camera and lens.

ILLUMINATOR SPECIFICATION

Radiated Output	Equivalent to ordinary 600W
Consumption	230W per illuminator
Average Bulb Life	1000 hrs. Optimum bulb life achieved under event activated illumination
Temperature Range	+50°C (122°F) to -50 °C (-58°F)
Construction	Robust, aluminium casting & extrusion
Dimensions	160 x 250 x 134.5mm
Colour	Black as standard, Special order other RAL colours, minimum order applies
Weight	2.9 Kg per illuminator
Cable Length	Supplied with 4m (13ft) of connecting lead
Bracket	U-bracket as standard
Replacement Bulb	Order UNILR

Performance Note: UF600 has a shorter bulb life than UF500 & UF300 due to the high specification optics and the increased consumption required to achieve extended distances. Derwent recommend event activated illumination for optimum bulb life.

POWER SUPPLY SPECIFICATION – ORDER PSU6ST (TWIN) PSU SEPARATELY

Input	230V, 50Hz. Protected by 3.15AT slow blow fuse.
Output	Nominal 30V. Adjustable by internal taps.
Photocell	Dusk/dawn automatic switching. Fully adjustable.
Construction	Polycarbonate IP66 rated enclosure.
Colour	Grey (RAL 7035)
Dimensions	250 x 160 x 95mm
Weight	5.6Kg

RECOMMENDED PERFORMANCE KIT.

Using dual illuminators and a Derwent recommended camera/lens combination the UF600 performance kit can deliver long range night vision to 400m. Contact Derwent for full details

CERTIFICATES & COMPLIANCE

Contact Derwent for full details

Dealer/Distributor



Derwent Systems Ltd
Tel: +44 (0) 1670 730187
Email: sales@DerwentCCTV.com
Web: www.DerwentCCTV.com



Extreme CCTV
Tel: + 1 604 420 7711
Email: sales@ExtremeCCTV.com
Web: www.ExtremeCCTV.com