High Performance

Uniflood 500

Night-time illumination for CCTV

Derwent's High Power solution to night-time illumination for CCTV schemes.

Small, light and efficient, this high-power illumination system can be used to illuminate scenes of up to 200 metres long and up to 60° wide

High efficiency, Infra-Red radiation, achieved with combined gold optics and matched quartz halogen bulb source to reduce power consumption and prolong average bulb life.

Colour version with mired shift filter for balanced, visible white light output.

IR OFF

IR ON (Zoom)

Scene at 200m

The unique Derwent Cosec², 10° and 30° lenses offer even illumination over large scene areas, to provide foreground to background video for today's CCTV cameras

For achievable distances please refer to the Matrix

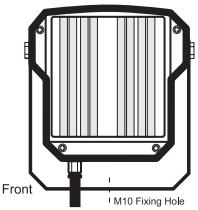
DERWENT

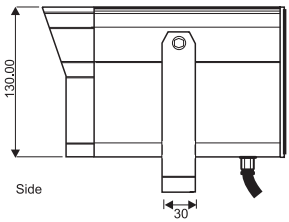
Uniflood 500
High Performance

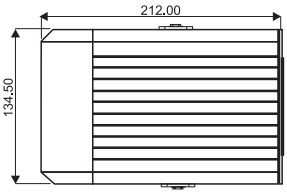
- High output radiation through high efficiency gold optics and high output bulb
- Range of beam patterns with narrow and wide Cosec² even-illumination lenses and traditional spot and flood
- Overt filters (730nm) & semi-covert (830nm) as standard. Covert or colour-balanced filters as options
- Small, robust construction with toughened lens
- Low power consumption at less than 50% of ordinary 500W lamp achieved with high efficiency optics. Saves on running and electrical installation costs
- Long bulb life on average 3000 hours
- Low voltage at the camera head
- Derwent provide specialised technical advice and support for your night-time illumination CCTV projects and can arrange on-site demonstrations of our products

Uniflood 500 (Technical)

Uniflood 500 **High Performance**







Illuminator Specification

General

Radiated Output	Similiar to ordinary 500W
Optics	Optimised focus, gold optics system
Consumption	220W
Bulb Life	Average 3000 hours
Construction	Robust aluminium casting/extrusion
Weight	1.9Kg
Colour	Black as standard.
	Other RAL colours available as options
Cable Length	Supplied with a 4m lead

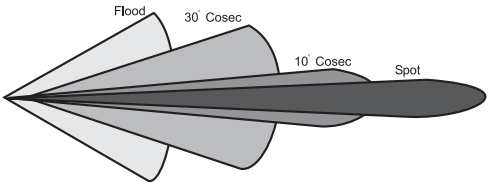
Filter Specification

Standard Filters	730nm	Specials to order	950nm
	830nm		
	Colour		

Beam Patterns

Standard Lenses	10° Cosec²	Spot
	30° Cosec²	Flood

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



Power Supply Specification

Sandard Range (SS & ST)

Mains Supply	230V, 50Hz
	Protected by 3.15AT slow blow fuse
Output	Nominal 28V adjustable by internal taps
	Single lamp system PSU5SS - 220VA
	Twin lamp system PSU5ST - 420VA
Photocell	Adjustable dusk/dawn
	automatic switching
Remote Control	ON/OFF volt-free contact switching
	from telemetry system
Auxilary Output	12VDC to operate camera, PIR etc.
	24VDC Auxiliary camera supply.
Physical	IP66 Enclosure
	Dimensions 250mm x 160mm x 95mm
	Weight PSU5SS 3.4Kg
	PSU5ST 4.2Kg

Xtra Functions Range (XS &XT)

Extra Functions See table

For more information contact Derwent

Features	PSU5SS Universal Single PSU	PSU5ST Universal Twin PSU	PSU5XS Xtra-Function Single PSU	PSU5XT Xtra-Function Twin PSU
Single lamp system	●		●	
Twin lamp system		●		●
Photocell	●	●	●	●
Remote Switch	●	●	●	●
12 VDC supply	●	●	●	●
24 VAC supply			●	●
Timer & reset			●	●
Photocell activated contact			●	●
Adjustible photocell	●	●	●	●

Replacement bulb type: UNIPF

Ordering information

Specify as separate items:	Order:
1. Specify lamp(s) including lens and filter	Uniflood 500/10/730
2. Specify power supply including single or twin system	PSU5SS
3. Specify bracketry requirement, single or twin brackets	SB5270

Agent/Distributor

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