



PRODUCT DESCRIPTION

A compact Infra-Red illuminator comprised of 252 high efficiency LEDs, UFLED is the ideal choice for short to mid-range applications, effectively illuminating distances up to 85m/279ft.

The inherent low power consumption of the solid state LED array results in low running costs over the life of the lamp. With an average LED life well in excess of 5 years UFLED can provide real savings for the user in terms of maintenance and servicing costs.

Tough, rugged and waterproof with an attractive design, UFLED can be used internally and externally to dramatically improve the performance of IR sensitive CCTV cameras under night-time conditions.

A&E SPECIFICATION

Please contact Derwent for a full A&E specification.

UFLED

- ▶ Long Life LED Illuminator
- ▶ IR to 85m/279ft
- ▶ 252 High Performance LEDs
- ▶ LED Life > 5 Years
- ▶ Very Low Power Consumption ~ 50 W
- ▶ Rugged & Waterproof
- ▶ Compact, Attractive Design
- ▶ Suitable for Internal & External Use

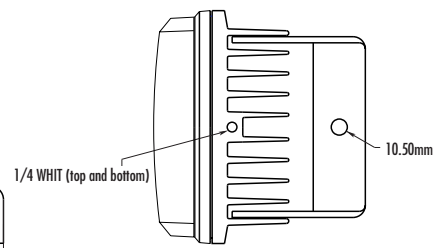
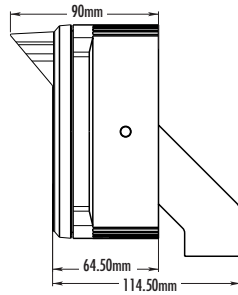
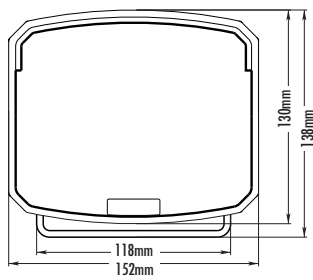
APPLICATIONS

External

- ▶ City centres, parks & public areas
- ▶ Airports
- ▶ Car parks
- ▶ City centres

Internal

- ▶ Warehouses
- ▶ Factories
- ▶ Offices
- ▶ Commercial properties
- ▶ Nightclubs & bars



Note: All dimensions in millimetres.

TECHNICAL

SELECTION GUIDE

Order Part No.	Beam Angle	Wavelength	Illumination	Achievable Distance	HFOV
UFLED/10/850	10°	850nm	Semi-Covert	150m/492ft	10m/32ft
UFLED/20/850	20°	850nm	Semi-Covert	85m/279ft	30m/98ft
UFLED/30/850	30°	850nm	Semi-Covert	60m/197ft	32m/105ft
UFLED/60/850	60°	850nm	Semi-Covert	25m/82ft	30m/98ft
UFLED/20/940	20°	940nm	Covert	60m/197ft	20m/66ft
UFLED/60/940	60°	940nm	Covert	18m/59ft	20m/66ft

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

ILLUMINATOR SPECIFICATION

LED Array	Current limited, dedicated Derwent PSU
No. of LEDs	252
Average Life	> 5 years
Consumption	50W nominal on full power (external), 40W nominal on low power (internal). Switchable with a dedicated Derwent PSU
Temperature Range	+50°C (122°F) to -50°C (-58°F)
Construction	Robust, aluminium casting & extrusion with acrylic front plate
Dimensions	152 x 188 x 114.5 mm
Colour	Black as standard. Special order other RAL colours, minimum order applies
Weight	1.4 Kg
Cable Length	Supplied with 4m (13ft) of connecting lead
Bracket	Supplied with a U-bracket as standard.

POWER SUPPLY SPECIFICATION - PSULED-HT INCLUDED

Input	230V, 50Hz
Output	Constant current. Full power 36W, low power 25W
Construction	Cast aluminium IP66 rated enclosure.
Colour	Grey (RAL 7035)
Dimensions	140 x 180 x 75mm
Weight	2 Kg

CERTIFICATES & COMPLIANCE

Contact Derwent for full details

Dealer/Distributor

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