



MicroLED

- ▶ Long Life LED Illuminator
- ▶ IR to 15m/49ft
- ▶ 42 High Performance LEDs
- ▶ LED Life > 5 Years
- ▶ Photocell with Control Pot
- ▶ Attractive Cube Design
- ▶ Adjustable Power Settings
- ▶ Discreet Illumination
- ▶ Suitable for Internal & External Use

PRODUCT DESCRIPTION

MicroLED is a versatile, reliable and economical Infra-Red illuminator which provides lighting for short-range surveillance.

The compact cube shaped illuminator is designed to be located in dark areas of a surveillance site to dramatically improve the night-time performance of CCTV cameras.

Comprising of 42 high efficiency LEDs, mounted to a solid core CNC machined aluminium housing which also acts as a heat sink, an adjustable photocell allows the user to set the ambient light level for ON/OFF operation.

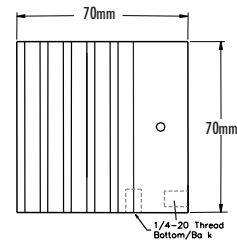
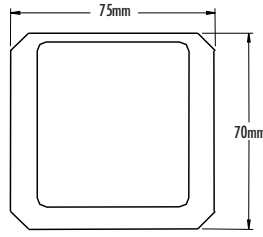
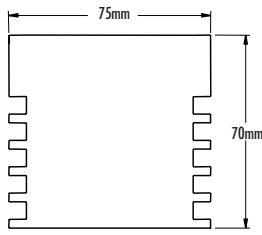
Reliable and efficient, MicroLED's discreet and aesthetically pleasing design makes it the ideal choice for short range surveillance.

A&E SPECIFICATION

Please contact Derwent for a full A&E specification.

APPLICATIONS

- ▶ Suitable for internal/external surveillance
- ▶ Short range
- ▶ Nightclubs & bars
- ▶ Commercial premises
- ▶ Offices
- ▶ Warehouses & factories
- ▶ Residential surveillance



Note: All dimensions in millimetres.

TECHNICAL

SELECTION GUIDE

Order Part No.	Beam Angle	Wavelength	Illumination	Achievable Distance	HFOV
MicroLED.850M	30°	850nm	Semi-covert	10m/33ft	5m/16ft
MicroLED.850W	60°	850nm	Semi-covert	5m/16ft	6m/20ft
MicroLED.940M	20°	940nm	Covert	10m/33ft	4m/13ft
MicroLED.940W	60°	940nm	Covert	7m/23ft	4m/13ft

Note: Distance achievable will depend upon the Infra-Red characteristics of CCD and camera.

ILLUMINATOR SPECIFICATION

LED Array	Current controlled supplied with a dedicated Derwent PSU
No. of LEDs	42
Average Life	> 5 years
Consumption	> 10W
Temperature Range	+50°C (122°F) to -50°C (-58°F)
Construction	Robust, aluminium casting & extrusion with acrylic front plate
Photocell	Automatic dawn/dusk switching. Fully adjustable.
Dimensions	75 x 70 x 70mm
Colour	Black as standard. Special order other RAL colours, minimum order applies.
Weight	0.454 Kg
Cable Length	Supplied with 2m (6.5ft) of connecting lead
Bracket	U bracket as standard. 1/4" BSW tapped hole for top and bottom mounting

POWER SUPPLY SPECIFICATION - ORDER PSU230-24 SEPARATELY. CAN RUN UP TO 2 MICROLED UNITS.

Input	220V - 240V, 50Hz
Output	2 x 24V @1.08 A
Construction	Polycarbonate IP66 rated enclosure.
Colour	Grey (RAL 7035)
Dimensions	160 x 120 x 90mm
Weight	1.6Kg

CERTIFICATES & COMPLIANCE

Contact Derwent for full details

Dealer/Distributor

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