Dedicated Micros has launched the Dennard 2025, a powerful, robust infra-red LED illuminator that offers an economical, low maintenance and environmentally-friendly alternative to white flood lighting.

The Dennard 2025 provides discrete illumination for cameras such as the Dennard 2060 outdoor dome that have spectral responses extending into the infra-red range. It can give comprehensive coverage for large areas, reaching up to 160 metres from the source at the nominal beam width of 30 degrees. The maximum beam width is 70 degrees at close range, and four power settings ensure that the effective distance of the illuminator can be tailored to individual site conditions.

The rugged design features a high impact, polycarbonate front sheet to withstand attack by vandals. The LEDs have a typical life expectancy in excess of five years, eliminating the regular maintenance required of halogen-based illuminators, and the unit comes with lightning protection as standard. The Dennard 2025 is also water and dust resistant to IP66.

For ease of installation the 2025 is supplied with a two-axis wall mounting bracket, supporting easy horizontal and vertical adjustment.
SPECIFICATION

LED WAVELENGTH
850nm

BEAM WIDTH
30 degrees nominal

PHOTOCELL
Sensitive to 25 Lux

POWER INPUT
90 - 264 VAC, 47 - 63Hz

POWER CONSUMPTION
120W

CURRENT DRAW
2A Max

WEIGHT
7kg (illuminator)
1kg (Wall bracket)
5kg (PSU/Control)

ENVIRONMENTAL PROTECTION
Level IP66 (no water ingress)

OPERATING TEMPERATURE
-20ºC to +50ºC

FINISH
Powder coated and stoved
Ash Grey, leatherette finish to BS4800 00-A-01

FOR FURTHER INFORMATION PLEASE CONTACT
www.dedicatedmicros.com
PLEASE CHECK THE WEBSITE FOR DETAILS OF COMPATIBLE PRODUCTS AND OTHER LATEST DEVELOPMENTS

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All Dimensions in millimetres

Illumination/distance achievable when used with a DM2060 Precision Surveillance Dome

IR LED Illuminator DM2025

70° 25 metres
45° 50 metres
30° 160 metres

DM/2025-700  LED IR ILLUMINATOR, 850NM, 30 DEGREE (INCLUDES PSU/CONTROL UNIT)

PRODUCT CODES

DM/2025-700 LED IR ILLUMINATOR 850NM, 30 DEGREE (INCLUDES PSU/CONTROL UNIT)

SPARES

DM/95084 DM2025 ILLUMINATOR 850/30
DM/95083 DM2025 POWER SUPPLY UNIT
DM/94032 PHOTOCCELL EXTENSION KIT
DM/95086 DM2025 WINDOW
DM/95087 DM2025 PHOTOCELL

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