

Bespoke Manufacturing



Datalec LED Luminaire

The Datalec LED Luminaire is an efficient lighting system with low power consumption and minimal heat generation, providing long term affordability.

These standalone, modular design, lights can be easily installed with new HAC/CAC or retrofitted into existing PODs of any length.

Designed and manufactured in the UK to meet the TIA-942-A Standard for data centre lighting controls.

For further information regarding the Datalec LED Luminaire, please contact us at: info@datalecltd.com

Specifications



Energy efficient.



Standalone product, providing easy installation with new HAC/CAC or retrofitting into existing PODs.



Capable of producing a large amount of light at a low wattage.



Integrated microwave sensor.



Long term affordability.



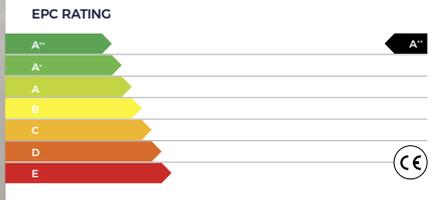
Magnetic fixings for easy and speedy installation (Magnet Fixings 11.5 KG Pull force per Magnet).



Modular design with easy connections to suit any POD length.



Manufactured in the UK, providing quicker delivery times for client.



Data Luminaire Specifications

Designed to meet	Luminaire General Standards EN 60598-1:2015/A1:2018
LED Standard	EN6247:2008
Dimension	Length: 1100mm (Excluding Clands and Cables), Height: 60mm, Dia: 45mm (Diffuser Tube)
Diffuser Material	Polycarbonate - Fire Retardant.
Lamp Material (LED)	Gallium arsenide and Gallium Phosphide
Main Housing Material	Aluminium
Lux	200 lux Vertical and 500 lux Horizontal
Energy Class	A++
Colour Temp	Colour Temp 6500k
Colour Rendering CRI	80
Dimmable	Optional extra, not as standard
Angle of Illumination	Fixed at 30 Degree
Beam Angle	120 Degrees
Operating instructions LED	0-40°C
Storage Temp	40°C Max
Expected Life	30,000 Hours
Input Voltage	230V
Current Consumption W	27W per 1100mm Luminaire
Circuit Board	Flexible Linear LED Modules
Efficiency	160 lm/W
Connectability	Male and Female Connectors
Fixing Method	Locking Spring Clips
Electrical Installation Method	Plug and Play with mains in Lead provided
Microwave Sensor:	Power Source: 220 - 240V/AC, Power Frequency: 50/60HZ, Detection Range: 360 degrees/180 degrees Detection Distance: 1 - 8m (radius) (adjustable), Time Delay: Range between 1 or 10 Mins Installation Height: 2.5m (1.8 - 3.0m), IP20 Rated: ✓