

The Lighting Control Service

Our Technical Support Team are on hand to offer advice on where and how to select the best control system to be utilised.

We can survey existing installations and provide energy and carbon emission saving calculations along with detailed payback estimates of the total investment.

Contact us on 0113 2897832 or email lumisaver@powerlite.net

Data Logging Service

Prior to quoting any energy/carbon reductions from our intelligent luminaires or control systems, we believe knowing accurate occupancy and activity levels are a must to ensure optimum energy savings

Therefore we install (on a temporary basis), our monitoring devices to measure and record these levels over periods of up to one month. See example below

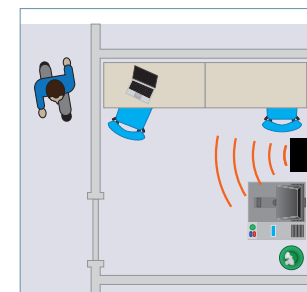
Their small size allows them to fit almost anywhere, unnoticed.

The device's real-time clock ensures that all data is time and date stamped.

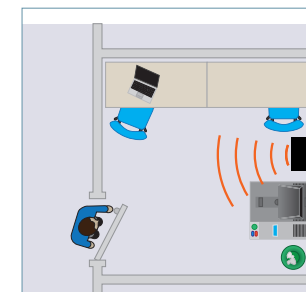
The analysis is provided to you in Excel format which can be easily read and interpreted in both raw data and graphical formats.

From our experience we know that in some cases savings of up to 70% can be achieved in installations which are lit 24/7.

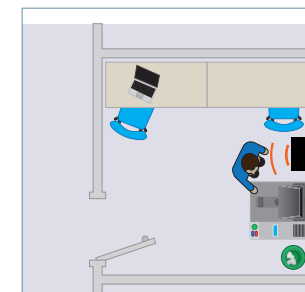
Data Logging



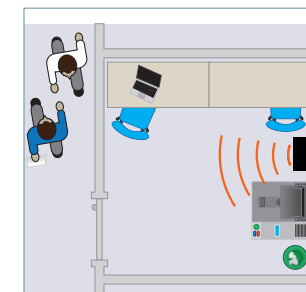
Data logging device monitors every 15 seconds for presence in the designated area



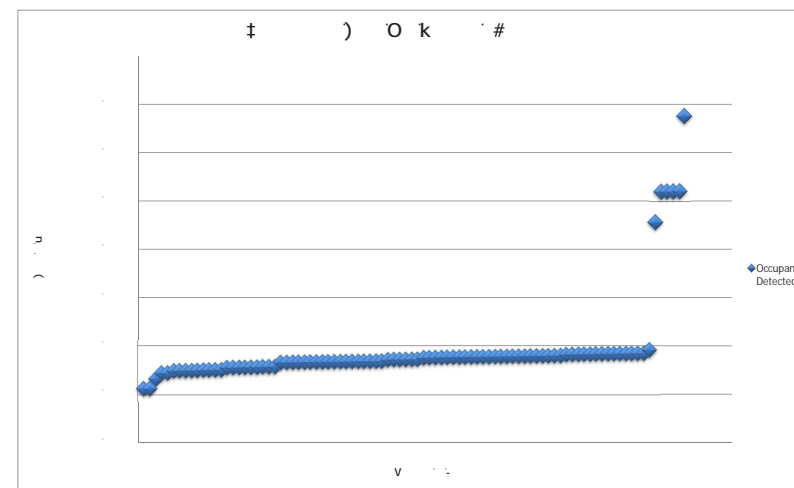
Presence is detected and the device logs this against a date and time.



15 seconds later the data logger will take another reading, if there is still presence this log continues



Once that particular instance has finished the data logger will continue to take readings but only log when presence is detected



This graph shows typical data log results for an entrance foyer area. The blue symbols represent presence detection

17 hour monitoring period
Total time occupied - 23mins
Typical energy savings using our Energysaver Lighting system would be approximately 90%

Using the above data along side tabulated data allows us to recommend the most appropriate system to meet your requirements.

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