LiGO+ For Pharmaceutical Buildings

Smart lighting controls in Pharmaceutical and Research Buildings

Pharmaceutical buildings and Laboratories have very specific requirements, which are not always the same as you would find in for example the office or leisure sectors. In some instances lighting controls are crucial in the results of experiments or long term success of a particular project. Working environments and well-being in particular can be enhanced through the maximum use of available daylight and or the specific use of colour to simulate dusk/dawn times.

LiGO+ Intelligent Lighting Control

Open Technology have been lighting Laboratories within the Pharmaceutical sector since 2008. Controlling an installation where lighting is vital, has allowed the LiGO+ to become reliable, efficient and easy to use whilst still giving end users clear understandable control of their lighting.

The LiGO+ is suitable for all types of building and can work as a stand alone solution or alongside other building systems to ensure maximum energy savings and minimal maintenance requirements.

The simple to use LiGO+ web pages allow you to set up the system, create reports and adjust settings. It gives you access to a range of features including:

- Time Control
- Presence Detection
- Emergency Lighting and Reporting
- Daylight Balancing
- Scene Setting
- Dimming
- Dusk / Dawn
- LED Control
- Condition Monitoring

Out of the box the LiGO+ comes with a range of embedded tools and a suite of preprogrammed smart lighting algorithms. This enables users to quickly and easily group luminaires, set up scenes and control LED's to derive best performance.

LiGO+ key benefits for the Pharmaceutical sector

- Dusk/Dawn - This allows the user to simulate Sunrise and Sunset through time-zones. This allows for the simulation of multiple sunrise/sunset within a single 24hr period.
- Colour Control - LiGO+ can be configured to only allow the use of Certain Colours at night. For example, this allows the user to assign Red Lights to be used for alterations to take place, without interrupting the experiment itself.
- Lux Alarms - LiGO+ has a built in Lux Alarm System. This will raise a critical alarm should the lux within the room fail to increase/decrease at the programmed time. This allows for the lux within a light sensitive experiment to be monitored closely.
- Inhibits - The ability to keep rooms On or Off depending on the adjoining rooms light status. This is vital for a light sensitive experiment so the spill of light from the adjoining room does not affect the experiment.
- Graphs - LiGO+ has a built-in graph function. This graph is available for all Groups and allows the user to compare Output/ Lux/ Metric Hits at any point. The user can refine the graph from Daily, Monthly, Yearly and even refine readings down to a specific hour. The LiGO+ will keep all graph data up to two years from creation.

Some of our Pharmaceutical sector projects include

- Medical Campus - Laboratories utilising Colour and Dusk Dawn Control for high end experiments. Graphs are also available as well as Lux alarms and Inhibits to ensure the best possible environments.
- Cardiff University Cubric building - Five MRI scanning units, LiGO+ is providing Comfort lighting which aids in stress reduction for patients.
- GW Pharma - LiGO+ provides lighting control with Lux alarms and Graphing to ensure the environment is kept constant for the facility.

Commissioning and Support

Open Technology pride ourselves on providing a flexible, cost effective and easy to use lighting control solution, but that's only part of our offering. Our experiences team of Sales and Commissioning Engineers provide full support from concept, installation and set-up, right through to handover to the end user.

Our technical know-how and experience across many building types and sectors means we are well placed to offer you a lighting control solution fit for your building and its requirements.

For more information about the LiGO+ intelligent lighting control system please visit www.opentechnologyuk.com.

Alternatively to speak with one of our team in more detail or to arrange a demonstration of our products and solutions, please contact us on 01444 230 660 and we will be happy to discuss your requirements.

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