

LiGO+ For Sports and Leisure Centres



Smart lighting controls in Sports and Leisure Centres

From leisure centres to sports complexes intelligent control of the lighting is crucial in meeting the changing needs of the environment whilst enhancing user experience. With considerations ranging from the correct lighting for competitive events to emergency lighting and energy saving, lighting must be precisely controlled and highly flexible to the varied needs of the building.

LiGO+ Intelligent Lighting Control

LiGO+ has been installed in multiple Leisure centres, Aquatic centres, golf and tennis venues across the UK. When working with these types of buildings and facilities the main focus is on energy savings and the reduction in maintenance costs, whether it be less routine maintenance checks for lamps etc. or emergency testing. However, from our experience within the sector we have discovered that the LiGO+ system offers a large number of beneficial features to leisure centre staff and users, which were not originally specified.

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
- Circadian Rhythm Lighting
- 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 Sports and Leisure sector

- Scene Control - Allows for multi-purpose rooms to still benefit from the lighting installed. A spinning class can utilise bright lighting whereas a yoga class may want dim lighting, the LiGO+ makes this easily programmable and selectable for all room users.
- Last Man Out - LiGO+ has a built in I/O functionality that allows for easy integration between the intruder alarm systems on-site, this means that all lighting can be automatically shut down on the 'set' signal from the intruder alarm. This ensures no area is lit when the building is unoccupied, alternatively the system can also receive a signal from the intruder alarms 'Detect' signal, this can be programmed to bring on lighting on to a specific % or indeed flash certain areas to deter the intruder.
- LiGO+ has a built in BMS integration feature known as the Virtual IQ, this is designed so the LiGO+ lighting system can sit directly onto a TREND BMS system allowing for the BMS head-end to be used for both plant and lighting alterations, this is often useful as the maintenance staff or centre management are usually already trained on using a BMS head-end and no longer need to learn another system to control the lighting. The LiGO+ is fully BACnet compatible and can be used with any alternate BMS system the Building user chooses to install.
- Competition lighting - LiGO+ has been installed to multiple Sport England venues, these venues are used for any level player between weekend sports to national competitive events, during these different events there are critical criteria a venue must meet to be used. The lighting for each specific sport has a competitive lux level the area must meet, the LiGO+ allows for the configuration and call back of these levels, they can be stored as pre-sets and named so there is no confusion when these are needed.

Some of our Sport and Leisure sector projects include

- Luton Aquatics Sports Village – DMX lighting interface, we have interfaced to the pool side colour lighting. The centre use this for indicating swimming wristband times displaying the colours which must vacate the pool after certain times. The system also utilises a last man out switch to turn all lighting off once the last person leaves
- Fit 4 – Splash Point Worthing – Function room scene setting, multiple spaces used for various purposes.
- Abbey Leisure – Interface to BMS, lighting levels for different areas can be set via a TREND 963 head-end which the centre already used.
- Multiple Fusion Leisure Centres in Tottenham – Energy saving through controlling the lighting to ensure lighting in areas which are unoccupied is dimmed or off and also emergency testing of the lighting systems.
- And many more.

Commissioning and Support

Synapsys pride ourselves on providing a flexible, cost effective and easy to use lighting control solution, but thats 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 knowhow 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.synapsys-solutions.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 246 128** and we will be happy to discuss your requirements.