



Lighting Controls Engineer

A need has arisen for an enthusiastic Lighting Controls Engineer to join a dynamic engineering team. The Lighting Control Engineer designs and/or specifies lighting control systems used with LED luminaires. The role provides direction for fixture level controls integration to the mechanical engineering team, optimizes elements of the lighting controls system for best performance, and tests compatibility at various levels such as fixture level, sub-system level and system level. The position creates, executes, and summarizes test and evaluation plans for assigned projects, writes test plan for wired and wirelessly controlled luminaires.

Additionally, the Lighting Control Engineer prepares and releases standard documentation for assigned projects, provides multi-discipline support for resolving technical issues associated with control components, products, or systems, and provides recommendations for cost reduction efforts.

This person will have hands-on work experience with different wired and wireless control systems in the lighting space. Related experience developing advanced control systems, preferably with a luminaire manufacturer that produces LED-based products would be advantageous.

The role demands a very good understanding of network principles and practices, both for wired and wireless systems. Staying abreast of the latest technologies is essential, to allow Holophane to establish and maintain a leading position in the connected lighting solutions market. It is important to maintain good communication with our strategic partners and have a deep understanding of the technologies used, both by our partners and by Holophane.

Understanding of different dimmer topologies and architectures such as: DALI, DMX, 0-10V, ZigBee and BLE Mesh. You must be a team player and have a good attitude to tackle tasks head-on and be able to collaborate cross-functionally.

How you will contribute:

- Grasping an understanding of the autonomy of our controls portfolio (systems & devices).
- Managing the day-to-day enquiries relating to controls systems and required controls philosophies.
- Liaising with sales and customers to present solutions and defining customer requirements.
- Prepare and release documentation for assigned projects, provide multi-discipline support for resolving technical issues associated with controls components, products, or systems.
- Compiling and maintaining standard work documentation to support the integration, installation, and assembly test instructions of control's device/systems.
- Daily interaction with the engineering team to ask questions on standard products and modification proposals to suit the addition of controls.
- Interaction with the production to help support the integration and testing of controls devices during the luminaire assembly stage.
- Staying abreast of the latest regulations and legislations related to controls protocols.
- Additional duties such as assisting with aftersales enquiries and production issues will be required from time to time.

Key requirements of the role:

- A can-do diligent attitude with a willingness to learn is essential.
- Attention to detail and ability to follow processes and document is essential.
- Proficient use of MS Office & CAD.
- Ability to work well in cross-functional team environments.
- Hands on work experience with different wired and wireless control systems in the lighting space.
- Good working knowledge of industry codes and standards
- Ability to communicate effectively and remain professional in circumstances under pressure
- Ability to work to tight schedules/deadlines, while maintaining a positive attitude
- Ability to create and maintain documentation to support controls integration (devices & systems)

The role is both office and site based, with an estimated 60%-70% office time. We expect that after commissioning most of the support would be done remotely from the office, but site visits are expected to happen on a normal basis during design and commissioning time. A desk shall be provided in the product development area at our HQ in Milton Keynes.