

SSL Electronic Engineer

Position Summary

The Solid State Lighting Electronics Engineer will develop lighting solutions in cooperation with other Hubbell brands. The product development responsibilities of the Engineer include cost, material and manufacturing process analysis and the identification and evaluation of alternatives, design for UL/CUL/CSA and other regulatory compliance, tooling estimation, and rapid product realization.

Key skills:

BSEE or equivalent

>3 years in small power supply (<100watt) design

>3 years embedded system and firmware design

>1 year in power electronic design and analysis

Proficient in Electrical CAD (Pads)

Proficient with electronic assembly / soldering

Experience in high volume electronic manufacturing

Experience in test stand development

Familiarity with various agency compliance requirements (UL/CSA/Energy Star, etc)

Lean manufacturing experience; preferably within HLI

6-Sigma design experience

Desired skills / attributes:

>1 years in SSL lighting design

Optical design

Zigbee or other similar radio control experience

DALI / DMX interface experience

Member IEEE or similar organization

Any existing or pending patents

List of job functions:

Electronic Design and transfer to production

Documentation

Cost estimation

Manufactured power supply analysis and testing

Creation / management of development schedules

Prototype design and construction

Pro-actively recommend improvements to the manufacturing and prototype creation processes

Assist in the development / improvement of HLI test capabilities

Perform design and compliance test functions

Improve LED drive / power supply efficiency

For more information or to apply for this position please contact:

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