

SSL Optical Engineer

Position Summary

The Solid State Lighting Optical 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:

BSME or Engineering Physics with an emphasis on Optics

>5 years in lighting design

>3 years in SSL lighting design

>3 years in optical design and analysis

Proficient in optical simulations and transfer to manufacturing

Good working knowledge of photometric testing and standards

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

Desired skills / attributes:

Mechanical design

Electrical wiring

Member IESNA or similar organization

Any existing or pending patents

Lean manufacturing experience

List of job functions:

Optical Design and transfer to production

Documentation

Cost estimation

Creation / Management of development schedules

Prototype design and construction

Proactive in recommending improvements to the manufacturing and prototype creation processes

Assist in the development / improvement of HLI test capabilities

Perform design and compliance test functions

Improve fixture optical efficiency

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

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