

## **Electrical Applications Engineer**

Volume Lighting – Houston, Texas

Seeking an experienced Full Time Electrical Engineer to lead the improvement, development of current and future designs of recessed, track lighting and proposed new light fixtures, utilizing lamp sources of LED, HID, and Fluorescent lamps designed for retail, grocery stores, restaurant, and hospitality industry.

### **Responsibility:**

This position will have the responsibility of the overall implication of the design department for mechanical design, engineering, testing of the product and components.

Additional duties and responsibilities

- Develop of from concept to product launch functional commercial and decorative lighting luminaries from multiple lamp sources.
- Introduce product improvements, and value engineering of projects supported by complete documentation including electrical specifications, schematics, BOMS, wiring diagrams, instruction sheets, etc. while meeting the product specifications and target cost
- Work with sales and purchasing to establish a timeline from start to completion
- Detail specifications to ensure fixture design is achievable, functional, and meets or exceeds competitions products.
- Support compliance to meet third party (FCC, UL, CSA, ENERGY STAR, etc.) certifications.
- Prepare, review and approve Engineering Change Orders.
- Review and test samples for compliance to specifications for final production approval and shipping prior to manufacturing.
- Maintain current knowledge of new and emerging lighting technologies as well as the electrical engineering field.
- Ability to lead and manage multiple projects
- Perform additional tasks as called upon and required.

### **Qualifications:**

- BS in Electrical Engineering, or other engineering discipline with electrical experience.
- 2 – 4 years minimum experience in lighting industry.
- Project manager or lead engineer experience.
- Proficient in AutoCAD and 3D modeling software, or Revit.
- Experience producing mechanical and electrical documents.
- Create project specifications, specify components and construction documents including coefficient of utilizations charts.
- Knowledge of major components and suppliers of LED, HID, Fluorescent lamps and additional light sources available.
- Effective communication skills both verbally and in writing.
- Working knowledge and experience with Microsoft Excel and Word.
- Experience dealing with regulatory agencies.
- Knowledge and understanding of relevant codes.
- Provide insightful and innovative design solutions.
- Written and verbal communication skills to assist decision makers; end users, independent reps, contractors, distributors, architects, & engineers.
- Availability to travel in Unites States and overseas when required.

Email resume to National Sales Manager [Kirby@volumelighting.com](mailto:Kirby@volumelighting.com)

[www.volumelighting.com](http://www.volumelighting.com)