



JUNO LIGHTING GROUP  
by Schneider Electric

## Senior Project Engineer

**Location:** Des Plaines, IL

The Juno Lighting Group, with more than 35 years experience developing innovative award winning lighting products with superior quality and performance is poised to continue as a leader in the lighting industry.

Here is your opportunity to join the Recessed Lighting Engineering team at our Des Plaines, IL facility as a Senior Project Engineer to assist in development of state of the art lighting products. The position of Recessed Lighting Senior Project Engineer at the Juno Lighting Group has responsibility for mechanical, electrical design, optical design and evaluation across the JLG recessed product offering. Interaction with brand managers and other engineering teams to develop products which meet the requirements of the product definition is a key component of this position. Design, evaluation and product implementation are key elements of this position.

Lighting technologies employed in these fixture designs include LED, HID, Fluorescent and Incandescent based systems. Utilization of state of the art 3D design software to design and prepare documentation prior to manufacturing release are key skills required to develop our industry leading products. Each system design includes multiple requirements for performance, reliability and cost. Design collaboration in a cross- functional team atmosphere to develop world class products in an accelerated timeframe while meeting product definitions for performance, quality, reliability and cost effectiveness is our goal. Collaboration with other offsite engineering team members offers the opportunity to contribute to multiple methods of product development.

**SUMMARY:** A Senior Project Engineer at JLG is responsible for development of electro-mechanical products and systems including responsibility for optical system performance parameters. Performance verification and specification publication are elements of this position.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. Other duties may be assigned.

- Development of electro-mechanical systems to meet the requirements of pre-defined product specifications.
- Generate physical design specifications.
- Collaborate with engineering and various other teams to implement into production.
- Work with others to develop optical designs.
- Responsible for assigned development work, which includes problem resolution and design of new models and mechanisms.
- Work from research samples and verbal or written instructions concerning desired results under general direction.

- Create layouts, 3D models and assemblies, and complete component drawings using 3D CAD software.
- Develop new product specifications that comply with industry standards and project requirements.
- Initiate, create, and complete functional mechanical assemblies to meet project objectives.
- Develop performance specifications and coordinate with Marketing for publication.
- Regulatory agency standard knowledge desired.

**REQUIRED SKILLS:**

- 3D Mechanical design software knowledge (Pro-E Creo a plus).
- Microsoft office proficiency.
- 2D design software knowledge (Auto Cad a plus).
- Evaluation techniques for performance and reliability desired.

**QUALIFICATIONS:**

- Bachelor's degree in Engineering.
- 5 Years minimum experience as a mechanical design engineer in the Lighting Industry
- Experience with lighting and the manufacture of sheet metal, injection molded, and die cast components is preferred.
- Proficient in 3D CAD software, ProE/ CREO preferred.

To apply please submit your resume to [resume@junolightinggroup.com](mailto:resume@junolightinggroup.com) with the job you are interested in noted in the subject line.