



## **Experienced Mechanical Design Engineer**

Nora Lighting, a leading manufacturer of indoor commercial and residential luminaires, is looking for a self-motivated individual to join our Engineering team! The right candidate should have excellent verbal and written communication skills and a positive and upbeat attitude!

Providing mechanical design, technical analysis; field visit and resolution of engineering problems. Plans and directs all aspects of engineering activities within an organization. Ensures all engineering projects, initiatives, and processes are in conformance with organization's established policies and objectives. Requires a bachelor's degree in engineering and prefers 2+ years of experience in the lighting industry. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to top management.

### **Essential Functions: Duties and Responsibilities include, but are not limited to:**

- Lead design from concept through production including component selection, simulation test, prototype build, safety approvals, production integration and technical troubleshooting.
- Identify, initiate and implement solutions for process/product development that improves performance, reduces cost, strengthens yield and increases capability.
- Read and write electrical wiring diagrams
- Design 2D and 3D sketches, and create BOM through Solidworks
- Build test prototype in 3D printing and metal fabrication
- Requires hands on skills to build test apparatus in plastic, metal, and wood.
- Solve problems through mechanical and thermal analysis
- Interface with local or oversea supplier and vendor on projects.
- Familiar with Underwriting Laboratory, Energy Star, DLC and Title 24 requirements
- Knowledgeable about operating a Goniophotometer and Integrating Sphere. (Preferred)
- Capable to travel for field inspection.

### **Requirements and Qualifications are but not limited to:**

- Minimum 1 year experience
- Must be organized and be able to follow up and handle multiple project at one time
- Must be dependable with a strong work ethic
- Ability to comprehend technical specifications
- Strong ability to multi task with testing, designing and reporting

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## LIGHTING

- Ability to handle customer, vendor, representatives and in-house complaints professionally and with urgency
- Strong attention to detail
- Strong ability to respond to calls and emails in a timely manner
- Ability to build a positive rapport with fellow employees, customers, vendors and Reps.
- Ability to work as a team as well as independently
- Must be able to work and look at a computer monitor for extended periods of time
- Must be able to sit and stand for long periods of time
- Dexterity
- Ability to kneel, squat
- Ability to lift up to 50 lbs

**Working Conditions:** Office and technical lab condition, subject to traveling from different areas in the warehouse.

**Equipment Use:** Microsoft PC, multi-meter, caliper, portable AC/DC power supply, oscilloscope, light meter, flickering machine, power analyzer, soldering iron, temperature monitoring equipment. Work with hand and power tools when checking evaluating new and existing Nora Lighting products.

**Physical Condition:** It is common for the position to work and evaluate electrical systems, products, components and applications.

Familiar with Solidworks 3D modeling software is required. Familiar with UL 1598 Luminaries standard testing procedure is a plus.

Nora Lighting is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex (including pregnancy), sexual orientation, gender identity, national origin, genetic information, creed, citizenship, disability, and protected veteran or marital status.

**Nora Lighting is a Drug-Free Workplace - Candidates considered for employment are subject to drug screen.**



### **More about Nora Lighting:**

Since its inception in 1989, Nora Lighting has evolved into one of the industry's leading designers and manufacturers of quality lighting systems for commercial, architectural, retail, hospitality, healthcare, educational and residential applications. Our products have become benchmarks for innovation, quality and new energy-efficiency standards, and include an exceptional line of recessed, track, Nora Rail, multiple lighting systems, pendants, under cabinet, linear and accent lighting, emergency and exit lighting. The Nora family supports and champions the technological development of luminaires that meet or exceed the highest international standards of design, craftsmanship, quality, performance, and energy efficiency.

This focus on quality extends beyond our actual products and into our service. Our motto, "Large enough to do it right, Small enough to care" is a testament of that. At Nora, our customers are at the heart of everything we do. We take their goals seriously and see their success as our own. We strive to exceed our customer's expectations with products utilizing the latest in lighting technology and designs, and exceptional customer service. Our full line of LED and non-LED lighting solutions are a reflection of our commitment to our clients. Our extensive product lines, together with our dedicated sales and support teams continue to support the various needs of our valued customers. From product specifications to delivery deadlines, Nora quickly responds to customer needs and requests to help them achieve success.

Across North America, Nora Lighting has developed a strong brand as a premier supplier of solid state lighting solutions. Nora Lighting is a reliable name that customers trust for innovative products, superior quality, and extraordinary service. We achieve this reputation while maintaining ethical, sound and honest business practices.

Nora Lighting is headquartered at 6505 Gayhart Street, Commerce, CA 90040. You will always be greeted with a friendly voice if you reach us by phone at (800) 686-6672 or feel free to email us at [info@noralighting.com](mailto:info@noralighting.com)