POSITION: Electrical Design Engineer

OPPORTUNITY

An Electrical Engineer is sought to design and develop new products and provide enhancements to existing designs based on principles of lighting used in a wide range of electrical and electronic products. This is an outstanding opportunity for someone who enjoys a challenge in a rapidly changing work environment.

SCOPE

As a member of the technical staff, the electrical engineer is responsible for the design, testing and approval of new electronic products from concept up to full production. This includes specification reviews, development program timelines and reports, design reviews, simple mechanical designs, documentation packages, preproduction builds and transfers to production. This engineer will also be responsible for technical support of mature product families.

REPORTING STRUCTURE

The Electrical Engineer will report directly to the Engineering Manager. This position requires active involvement with engineering, marketing, production, purchasing, vendors and quality control. The position will be based out of the Glendale, AZ headquarters.

CORE RESPONSIBILITIES

- Develop new and enhance existing electrical designs in both power supply and lighting platforms and deliver products from concept to production.
- Analyze product and equipment specifications and performance requirements to determine designs which can be produced by existing manufacturing or new processing facilities and methods.
- Review designs to assure compliance with state and federal codes, customer requirements and applicable industry standards.
- Capable of designing and implementing SMD and through hole printed circuit boards and facilitate outside resources to bring the "best in class" approach to product design and performance.
- Communicates closely with brand leaders and production teams to ensure product accuracy and competency in line with company and department goals.
- Offers a forward thinking and a solid problem solving approach to all aspects of position.

EXITRONIX emergency lighting   **specialtyLED** commercial & decorative lighting   **TRACE·LITE** commercial & industrial lighting   **INDOORGROWSCIENCE** GROWING SMARTER

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Strong working knowledge in:

- Schematics and printed circuit board design and documentation
- Read and be able to convey assembly drawings and BOM creation and maintenance
- Test procedures and test equipment
- Operation and service manuals
- Ensure production feasibility of designs and provide production support of electrical products

EDUCATION AND REQUIREMENTS

- Bachelors Degree in Electrical, Industrial or Manufacturing Engineering.
- Minimum 5 years of work experience
- LED Lighting and power supply design experience a plus.
- Must have extensive knowledge of Solidworks.
- Understanding of IES files a plus.
- Analytical problem solving skills.
- Excellent communication skills, both verbal and written.
- Familiarity with UL Standards a plus.

BENEFITS
Competitive salary and growth oriented incentive based bonus, Medical, Dental, Vision plans, 401K plan with company match, mentoring and the tools necessary to succeed.

ABOUT US
Headquartered in Glendale, AZ, Barron Lighting Group has a 41 year old history of manufacturing high quality lighting products and is comprised of four (4) core lighting brands, **EXITRONIX** – Life Safety and the inventor of the LED Exit Sign, **TRACE*LITE** – Commercial/Industrial lighting solutions and **SPECIALTY LED PRODUCTS (SLP)** – Architectural LED lighting solutions and **INDOOR GROW SCIENCE** – High performance lighting for the horticultural industry.

Our deep rooted core value of service satisfaction for customers, vendors and employees has led to significant organic growth and whereas we're extremely proud of our history, we're most excited about our future. Success at Barron Lighting is due to the relationships built with clients, results driven performance and open lines of communication. The company offers an enthusiastic, passionate, value-driven, team-oriented culture with an established nationwide sales channel.

Interested candidates should apply in writing, with resume to: henri.lozano@barronltg.com. For more information about us, please go to www.BarronLTG.com.