

JOIN THE REVOLUTION!



Title: Engineer Manager

Location: Somerset, NJ

Reports to: Partner

Company Overview

Mundo Illumination is a leader in uniquely offering solid state white lighting technology for the architectural lighting market and is committed to simplifying the LED experience. Based on a global platform of white light simplicity the company offers advanced digital lighting technology and sells its products through its commercial partners. Mundo Illumination believes that Innovation applies to all aspects of products and services, impacting the entire life cycle of the product, all processes and interaction with customers. The Company is headquartered in New Jersey, and is an affiliate of the MCI Group, with offices in Europe, China and the Middle-East.

Job Responsibilities

The Engineering Manager will have direct responsibility for all engineering development process and subsequent production of MI's product portfolio in LED technologies. Coordinates Engineering activities as we prepare products for commercialization. Provides oversights and directions for electrical engineering capabilities within MI. Communicates and executes product plans throughout the organization and coordinating all product development activity. This role will collaborate with resources of R&D, manufacturing and customer supply chain. Interfaces with external supply base to deliver an effective and quality controlled production base. Prepare all drawings, planning and processes for the introduction of lighting products

Must bring in significant electrical engineering expertise and help train and coordinate all lighting activities for MI.

In conjunction with the management team ensures timely and smooth market introduction. May participate in presentations and prepare product configurations tailored to specific customers' needs.

Specific Duties

- Responsibility for the development process and subsequent introduction of all MI product portfolio.
- Manages all electrical engineering development and integration capability in the company.
- Creation of multi generation plans and technology roadmaps of new product technology platforms including feasibility studies and project scoping and effective cross functional business interfacing...
- Identifies in conjunction with VP of Marketing customer needs and works on conceptualizing product. Selection of innovative products that utilize that network.
- Provides processes and frameworks for internal ideation, identification and leveraging of internal and external networks to achieve goals and negotiating with those suppliers for the benefit of MI.
- Development of electrical engineering intellectual property for the organization to protect research and development investments.



- Provide oversight and direction on specification and regulatory compliance (i.e. UL/CSA)
- Identify and lead the development of new and improved products and components for MI lighting business that help to deliver increased sales growth and profit margin expectation as well as meet customers' technical and market needs.
- Identify and lead the development of new and improved processes that lead to improved manufacturing and operational excellence as a result of development those impacts on productivity and cost reduction, quality, and process improvements.
- Technical consultation as required ensuring EE leadership position for the corporation.
- Identify and champion profitable new products and technology opportunities globally by: helping manage and utilizing the NPD process and driving execution via clear milestones.
- Maintain broad industry knowledge base of component materials and products by: developing and honing technical skills at conferences/trade shows, working with business units and customers to understand process and needs, and maintaining contact with industry suppliers.
- Ensure technical excellence of Product Technology and Innovation by sharing best practices through presentations and mentoring/training sessions with both internal and external customers.
- Monitors legal, government & regulatory issues pertaining to product performance and identifies risks.
- Collaborates with marketing to provide input to the product roadmaps that allocate product development resources. In the new product process, participates in the production scale-up planning, monitors progress, and recommends corrective actions.

Essential Skills and Knowledge

Experience: at least 4 years working in an Electrical Engineering environment, implementing and managing the latest development techniques. The candidate must have the ability to work with a wide range of personality types, including technicians, customers, sales and product management personnel as well as overseas factory owners and workers. Must be adapt at collecting and analyzing data and making data based judgments and decisions. Must have a demonstrated history of continuous operational improvements, having shown this ability with a foreign audience is a bonus. Skilled at using basic measurement tools and reviewing and interpreting Engineering drawings. Leads and directs workflow of other associates: 15 to 20 indirect reports. This position is a succession planning slot. This person must have the potential to grow and develop and to expand their scope of control and responsibility.

- Tackles problems and crises directly and with appropriate actions / sense of urgency
- Creates an environment that supports innovation, continuous improvements, and risk-taking.
- Drives for results. Investigates and adopts best practices.
- Demonstrates a strong commitment to organizational success.
- Works to do what is best for all stakeholders (customers, shareholders, employees, etc.)
- Pursues both short- and long-term success displaying flexibility and responsiveness.

- Champions breakthrough ideas and initiatives – challenges status quo and takes appropriate risks.
- Promotes collaboration and teamwork across organizational boundaries.
- Ability to translate voice of customer into technical specifications for product and process design.
- Deals effectively with ambiguity and change.
- Have the ability to connect technology & business needs; understands market and technology trends.
- Demonstrated ability to translate ambiguous technical concepts into product opportunities.

Requirements

- PhD or Masters in Electrical –Electronic Engineering.
- Thermal/mechanical engineering background in addition to above is a plus
- Knowledge and experience with electrical, electronic development.
- Knowledge of DMX interfaces and control equipment an advantage
- Software skills in CAD, Solid Works and Microsoft office works an advantage.
- Location will be in Somerset, NJ.

Notes

Mundo Illumination is a global based company and is committed to the growth of career minded and talented individuals. This position is an early management position and will lead to further and increased responsibility as the MI business grows. An ability to manage and deal with people is a distinct advantage. The collaborative spirit of the team and professional training will support growth potential.

Some travel will be required and occasionally outside of the USA.