

## **Mechanical Design Engineer**

VCC is a recognized leader in the development and manufacturing of innovative light pipes, panel mount indicators for global markets including aerospace, food service, people movers, transportation, medical, telecom and industrial. With around 100 employees, VCC has a flat organizational structure and has created a culture of lean product development via transparency, knowledge sharing, team work and innovation.

We are seeking a highly-motivated Mechanical Design Engineer to join our cross-functional team. You will be responsible for designing and developing illuminated electronic components for the human to machine interface systems and support in winning new business with creative and innovative design solutions. The ideal candidate will have excellent communication and organizational skills, strong technical background with proven experience in fast-track product development of electronic components.

### **Specific Responsibilities include:**

- Provide defect free mechanical design solutions, models and drawings in accordance with internal and external customer delivery requirements.
- Share valuable knowledge, wisdom and strategic insight to the technical and commercial exchanges with customers, teammates and suppliers.
- Write product specifications, test reports and related documentations.
- Provide technical support to sales and marketing for bids and proposals.
- Create DFMEAs, and develop, plan and execute test plans for new products, as required.
- Drive and support cost analysis and cost reduction initiatives.
- Improve the company's internal engineering systems, processes and workflow to maximize quality and velocity.
- Actively support ISO and other compliance programs, as required, and champion the use of procedures in Engineering.
- Provide technical direction, serve as a point of contact or business liaison, prepare briefings for senior management and assist in problem resolution specific to the program/project.
- Work with other engineers to develop design/analytical processes, share experience, and review others' designs.
- Perform other projects and responsibilities as assigned.

### **Qualifications:**

- Bachelor's degree in Mechanical Engineering with 5+ years in electronic industry.
- Experience in optical design and LED lighting and/or electromechanical component experience preferred
- Demonstrated track record of product innovation.
- Effectively manage one's time to meet customers deliverables, internal processes and responsibilities are prioritized and all commitments are met
- Knowledge of design and manufacturing of molded plastic parts
- Solid analytical skills including strength of materials and tolerance analysis
- Must have 3D and 2D CAD experience
- Creative and innovative approach to problem-solving, including partnering with others to ensure customer satisfaction
- Self-starter who goes the extra mile to provide exceptional support and follow through.
- Excellent oral and written communication skills
- Have positive demeanor and team spirit
- Effective listening skills with the ability to write product specifications based on customer needs
- SolidWorks expertise
- Experience in development phase process and working with remote teams
- Experience in cross functional projects with interaction between research, development, design, launch, operations, quality, product management preferred

VCC offers a competitive salary, bonus, and comprehensive benefit package, including 401(k) matching. We embrace positivity and team spirit; enjoy work and have fun. Join us at [www.vcc-lite.com](http://www.vcc-lite.com)