

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. We are a collaborative organization with knowledge sharing, teamwork and innovation.

We are seeking a highly-motivated **Mechanical Design Engineer** with electrical background to join our cross-functional team. You will be responsible for designing and developing illuminated electronic components and support in winning new business with creative and innovative design solutions.

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 and or Electrical 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
- Proven experience in fast-track product development of electronic components.
- 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.vcclite.com