

# Mechanical Designer

**Posting Date**

06.24.2020

Fluxwerx is a world-class, industry leader that creates innovative and award winning architectural LED lighting products and technologies, shipping to major construction projects across North America and around the world. As a growing leader in the LED lighting industry, We're looking for people with vision and who want to come along with us as much as they are compelled to be instrumental in taking us there—driven, energetic, forward thinking and curious individuals willing to look outside of titles and roles (though you'll have both).

Tell us what compels you to do what you do. Convince us you're our next great, long term team member.

We currently have an opening in our product development team for an intermediate to senior Mechanical Designer with skills to turn prototypes concepts into manufacturable LED luminaire product lines using innovative mechanical solutions for high volume production/assembly.

**Duties**

- Develop approved conceptual LED lighting designs into production ready product lines per product launch schedule
- Create component design and fabrication drawings for a variety of manufacturing methods (sheet metal, CNC machined aluminum, extruded and cast aluminum, and molded plastic)
- Manually prototype parts/ideas for verification of component designs
- Be responsible for marketing sales samples, product costing, first article verification, meeting product requirements, and product safety
- Outgoing Logistics support
- System maintenance and updating

**Deadline**

Until position is filled

To explore this opportunity, please submit your resume and cover letter in PDF to [work@fluxwerx.com](mailto:work@fluxwerx.com) and include the job title in the subject line. We thank all applicants for their interest, however only those under consideration will be contacted.

**You Bring**

- 5+ years' experience working in a product development environment
- Technical diploma or Degree in Mechanical Design
- High level proficiency using SolidWorks
- Experience in designing for high volume production
- Experience designing for: extruded aluminum, sheet metal parts, plastic injection moulding, and CNC machined parts
- Experience operating woodworking and metalworking tools
- Basic Electrical / Electronic knowledge is beneficial
- Programming and operational experience with CNC milling machines is beneficial
- Experience in a construction-oriented industry is highly beneficial
- Desire to work in a fast paced and rapidly changing environment
- Ability to travel in North America (no passport/visa restrictions)

**Demonstrated Skills**

- Creative, passionate problem solver, inquirer and learner
- Excellent English communication skills (presentation, written, verbal) of both technical and non-technical topics
- Strong team player while able to function independently and manage multiple tasks and priorities delivering results with high standards
- Enjoys hands-on prototyping and fit/function experiments
- Takes initiative, delivers consistent effort, intense commitment, and demonstrates a willingness to go above and beyond when needed
- Detail oriented and well organized

**What we Offer**

- An opportunity to make your mark in a well-established but growing company
- Competitive salary and benefits program
- Generous RRSP matching program
- Friendly and flexible work environment in an organization driven by innovation