



ProPhotonix, headquartered in Salem, NH, designs and manufactures diode-based laser modules and LED systems. With the lighting market expected to grow significantly within the next few years, we are positioned to become a key player in this space. We have design, engineering, and manufacturing facilities in Cork, Ireland, and near Stansted airport in the UK. We currently have an opening for an Optical Design Engineer.

Optical Design Engineer

Reporting to the Engineering Manager, the main responsibilities of the job are:

- Design and development of optical systems, which will include LEDs and other light sources as well multiple optical elements.
- Project-management of design projects from product concepts through to manufacture
- Development of optical concepts and designs for products (optical models and associated simulations, drawings, specifications etc.)
- Prototyping, testing and validation of products
- Liaising with customers, suppliers and production
- Providing technical support to sales, marketing and production

The product development process involves the generation of detailed specifications with the customer, development of the design concept, detailed mechanical, electrical and optical design, prototype testing and validation, and new product introduction.

Qualifications:

The ideal candidate should have/be:

- 4+ years of optical or opto-mechanical design experience as well as 1+ years of project management experience
- A third-level qualification in physics or engineering, preferably including optics.
- Knowledge or experience in machine vision/automation, opto-electronics, microelectronic packaging, or thermal analysis would be an advantage.
- Ideally, a working knowledge of Zemax optical simulation package (or equivalent.)
- Innovative, practical problem-solver and a good communicator, capable of working on their own initiative in a multidisciplinary team environment.

To apply for these positions, please send your resume to hr@prophotonix.com.