



ProPhotonix designs and manufactures LED and semiconductor diode laser illumination devices for industrial OEMs, medical equipment manufacturers and defense/security organizations. In addition, ProPhotonix distributes premium quality laser diodes from leading global manufacturers including Opnext, QSI, Sanyo & Sony. With an extensive range of solutions, facilities in the United States and Europe, and distribution partners worldwide ProPhotonix addresses diverse applications including machine vision, industrial inspection, medical and dental alignment, and target acquisition.

We currently have an opening for a Mechanical Design Engineer to be based at our design, engineering and manufacturing facility near Stansted airport in the UK..

Mechanical Design Engineer

Reporting to the Technical Manager, the responsibilities of the job include:

- Project management of advanced diode laser module design projects, from product concept through to manufacture.
- Development of mechanical concepts and designs for products, tooling and production test equipment (mechanical models and associated drawings, specifications etc.)
- Prototyping, testing and validation of products.
- Liaison 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 will have:

- 4+ years of optical or opto-mechanical design experience as well as 1+ years of project management experience.
- An advanced qualification in physics, mechanical engineering or a related discipline (eg., product design or manufacturing).
- Knowledge or experience in machine vision/automation, opto-electronics or microelectronic packaging would be an advantage.
- Innovative, practical problem-solver and a good communicator, capable of working on their own initiative in a multidisciplinary team environment.

To apply for this position, please send your CV to hr@prophotonix.com