



## **Ever Researching for a Brighter World**

**NICHIA is the worldwide leading LD (Laser Diodes) / LED (Light Emitting Diodes) manufacturer with a substantial market share among other high brightness LED manufacturers and an annual turnover of approximately € 3.8 Billion in 2023. NICHIA Corporation is a Japanese company with 16 Sales Offices all over the world and some 9,400 employees worldwide.**

NICHIA is the inventor of the super high brightness InGaN-based blue LED, having realized that breakthrough in 1993. On that basis we succeeded in 1996 with the invention of the phosphor converted White LED. Since then, our InGaN-based LEDs in a huge variety of emission colors, ranging from ultraviolet to amber, have substantially contributed to the diversification of LED application fields.

**Join our Automotive Innovation Center in Würselen (near Aachen), run by NAIC GmbH, as**

## **Mechanical Engineer (M/F/D)**

### **Your tasks**

- Mechanical product design of LED solutions, mainly for automotive lighting applications
- Development and evaluation of mechanical design concepts based on system specification and customer requirements
- Creation of CAD models and mechanical drawings
- Conduct mechanical tolerance studies and measurements of products and components for mechanical evaluation
- Document and present test results
- Support in managing internal and external suppliers
- Investigate and initialize industrialization activities in close alignment with our headquarters in Japan
- Development and design of handling tools like product carrier and transportation systems
- Support process development activities
- Support in purchasing of new equipment and software
- Support benchmarking, prototyping and product launch activities
- Organize and attend technical meetings
- Deliver input to product roadmap and improvement activities

### **What you can contribute**

- A Bachelor or Master degree in Mechanical Engineering



- Experience in 3D CAD design (preferrable SolidWorks)
- Experience in creation of mechanical drawings
- Ability to clearly communicate and document technical results
- Interest in hands-on tasks and practical work, however driven by an attitude of accuracy, precision, reliability and safety
- Ability to communicate fluently in English
- You are a team player
- You work highly flexible but well-organized and highly motivated

#### **What we offer**

- An international team within a dynamic and ambitious business environment
- Excellent opportunities for personal and professional growth, a wide range of training programs
- Exciting work in a fast-moving segment of the Lighting industry, dealing with state-of-the-art or even pioneering technology
- Opportunity to grow together with a sustainably successful company
- A commensurate salary as well as attractive employee benefits

#### **Contact details**

If you are highly motivated and have a distinct ability to work in teams, please send your resume and cover letter in English per e-mail to our Human Resources department at [Career-Germany@nichia.com](mailto:Career-Germany@nichia.com)

Please visit our website at [www.nichia.com](http://www.nichia.com).