



Ever Researching for a Brighter World

Job Description - Optical Engineer (M/F/D)

Your tasks

- Your focus is the optical design of product development for automotive lighting applications
- Optical evaluation of product design concepts
- Support LED chip product development with customer and application knowledge and studies in close alignment with our headquarters in Japan
- Conduct optical simulations (FEM and / or ray tracing) to evaluate product performance within the application
 - Demonstrate feasibility to achieve target performance
 - Verification of legal compliance
 - Tolerance studies
 - Optimize optical system performance
- Support customers in optical design & simulation activities
- Executing photometrical measurements including documentation
- Support setting up lab infrastructure for photometrical measurements
- Support in purchasing of new equipment and software
- Support benchmarking, prototyping and product launch activities
- Organize and attend technical meetings
- Networking by visiting conferences and fairs
- Deliver input to product roadmap and improvement activities

Your qualifications

- A Master degree or PhD in physics or engineering
- Knowledge about physics of light and optics is preferred
- Experience in finite elements simulations
- Experience in optical characterization is preferred (photometrical measurements)
- 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 (German or Japanese is a plus)
- You are a team player
- You work highly flexible but well-organized and highly motivated

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 technologies
- 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

Please visit our website at www.nichia.com.