

**Are you an expert in the latest technological innovations and would you like to contribute your knowhow to the development of electronics for products? At Spanninga, we are looking for an inventive Electrical Engineer who will work alongside colleagues worldwide to further enhance our lighting collection.**

## Your role

Electronics within the field of micromobility are becoming increasingly complex. Examples include connectivity, linking with e-bike systems, changing regulations in the field of anti-glare, and energy management at higher LUX values.

You will have an active role in the optical design of our lighting, working closely with your international R&D colleagues in the field of electronics. In addition to your contributions to Spanninga's product collection, you will also be the direct point of inquiry for customers of custom-made projects. Your tasks include:

- testing new ideas and innovations in the field of electronics and optics;
- researching customer needs and translating them into solutions, in cooperation with sales;
- designing new electronic components and digitally processing them;
- making and testing prototypes;
- setting up a production- and control plan with the engineering teams in Europe and China;
- together with our product manager, ensuring the documentation of production and product details, as well as preparing datasheets.

## Jour profile

Spanninga is looking for people who excel in their work. You have:

- an education in electrical engineering with HBO working and thinking level;
- expertise in electronic design software (e.g. Altium Designer, Eagle, OrCAD). Familiarity with Lucidshape and Zemax is a plus;
- knowledge of analog and digital circuit design;
- experience with PCB design and layout optimization;
- proficiency in programming languages such as C/C++;
- familiarity with microcontrollers, embedded systems, and programming;
- excellent problem-solving and analytical skills;
- a good command of the English language.

In addition, you are willing to travel to colleagues in Asia and France or visit trade fairs from time to time.



## Why Spanninga

As a member of the Spanninga team, you will be part of a family business that strives to make the world safer, smarter, and more attractive. We have a strong entrepreneurial spirit and passion for our business, and every day is dedicated to strengthening our position as the most innovative lighting specialist in micromobility.

The R&D team in Joure forms a close-knit team of about seven people. Together with our colleagues abroad, you work on the development of high-tech lighting. Expect a positive atmosphere, good coffee, an informal working atmosphere, and an open corporate culture. We also offer the opportunity to develop yourself further with courses or training.

We offer you:

- a job for at least 32 hours a week with the possibility of working partly from home;
- a competitive salary following the Collective Labour Agreement for the Metal & Engineering Industry with attractive benefits, such as a solid pension scheme with the PMT pension fund and compensation for home working and travel expenses.
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Does this resonate with you?

✉ **Then we look forward to hearing from you via [hr@spanninga.com](mailto:hr@spanninga.com)**

