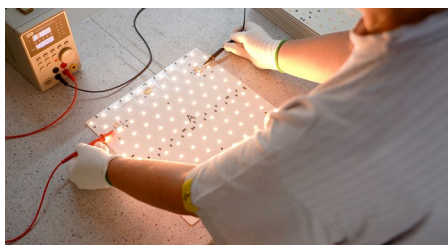
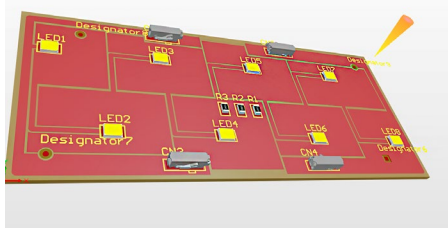
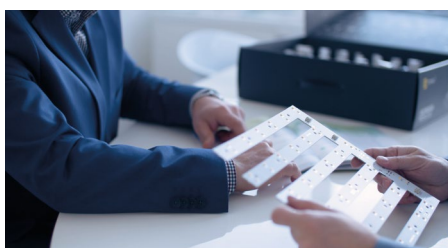


CUSTOM PCB DESIGN & PRODUCTION



1 Consulting

- » Development of customer defined solution
- » Advanced technical support

2 Research, development and engineering

- » PCB design and optimisation in Altium Designer SW
- » 3D PCB modelling
- » Possibility of ENEC, CB or UL accreditation

3 Prototyping and measuring

- » Production of prototypes and verification of functionality
- » In-house Electrical, optical, thermal and environmental testing
- » Data: spectrum, R2-R16, flux, efficacy, LDT data, eulum data, UGR, luminosity charts...

4 Procurement

- » Sourcing components from renowned suppliers

5 Production

- » 3 independent SMT lines with combined performance of 2 mil. components/day
- » Laser marking for personalisation and traceability
- » PCB dimensions up to 1400 x 460 mm.

6 Quality control

- » ISO 9001, ISO 14001 and ISO 45001 certified, meeting automotive industry standards
- » SPI and AOI integrated into production lines
- » Full functional test and microscopic optical inspection on output

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- » ZHAGA compatible & ENEC certified
- » High level of customization
- » Modules for special applications (High CRI, UV, full-spectral)



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- » 60+ qualified employees
- » Worldwide customer base
- » ISO 9001, ISO 14001 and ISO 45001 certified
- » Development of customer defined LED lighting solutions
- » 3 state of the art SMT lines with combined performance of 2 mil. components/day
- » In-house R&D center with optical, electrical and environmental laboratories
- » Distribution of components, consulting, technical support



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