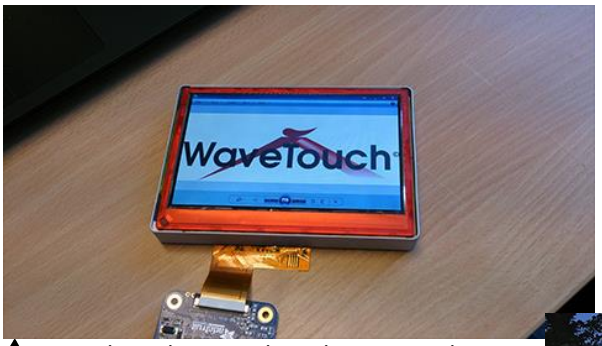
Centre of Applied Photonics

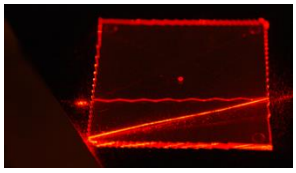
Technical University of Denmark

New Classical Optics

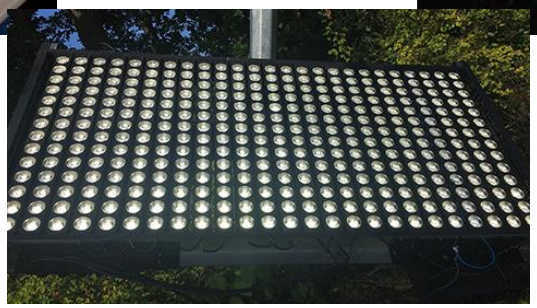
- Consultancy within Classical Optics for industry



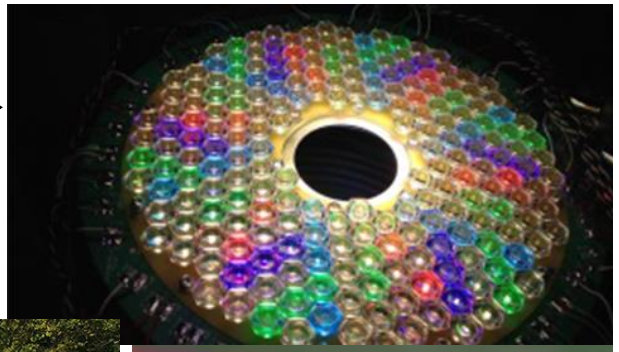
Optical touch screen based on TIR in plastic or glass. It works embedded in water as well. WaveTouch Group Limited



Free-form lenses for smart Stadium light panels



Light engine for Brother, Brother & sons AS



Street lights evaluation

Value Proposition/USP

We are a group of optical/electronics scientists/engineers at DTU Fotonik who have more than 25 years of experience in designing, manufacturing and testing classical optical components and systems. We are located at DTU Fotonik, Risø Campus.

Business Opportunity/ Commercial Perspectives

Our projects involve any development stage covering prototyping, proof of concept, pilot production, patenting, building start-ups, technology transfer to existing companies, and fund raising. We do treat all projects confidentially. Hence, all presentations shown on this site have been approved by our project partners.

Technology Description/Technology Summary

We do all sorts of classical optics, such as free-form refractive/reflective optics, polarization, diffractive optics, and planar waveguide optics. In many cases a sensing application is involved but, lately, quite a few lighting applications have popped up. Hence, we deal with both laser light and LED light.

Development Phase/Current State

Take a look at our cases and technologies, get inspired, and drop one of us an e-mail if you need optical assistance or partnership in one of your projects (http://newclassicaloptics.com/)

The scientists/engineers

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Seeking

- Industrial customers
- Research Collaboration