It is the driver’s perspective that matters!

Modern lighting technology demands innovative and intelligent evaluation systems. The driver’s perspective is an increasingly important aspect.

We are at your side from the concept phase to start of production.

In-vehicle component testing in the climatic chamber
We can develop and integrate your lighting systems

Our development focus is on:
- Headlamps and taillights
- Illumination and other function systems
- Interior lighting
- Mirror electrics
- Wipe / wash systems

Our service portfolio:
- Class-A surfacing coordination
- Lighting simulation
- Component and vehicle integration
- Prototyping and light sampling
- Photorealistic rendering
- Management of appointed suppliers
- Component and vehicle testing
- Climatic tests
- Evaluation and benchmarking
- Reflexion analysis

We use established standard tools for our automotive development activities. Our modern development environments keep development cycles short and effective.

IAV’s indoor light-testing facility

Modern and intelligent lighting stands out for its dynamic and adaptability. This is particularly noticeable in forward lighting. Modern headlamps can adjust to the driver’s needs in any specific road situation. We conduct these complex and diverse evaluations in our expansive and self-supporting indoor facility.

Our indoor light-testing facility allows us to evaluate lighting components and systems in a defined environment. Combined with our luminance camera, we can test lighting systems beyond the criteria relevant to homologation.

Prototype protection can be ensured inside the indoor facility and the surrounding area.