

LIGHT DESIGN

WHEN ENGINEERS
CIRCUMVENT THE
LAWS OF PHYSICS



**YOUR GLOBAL MOBILITY
ENGINEERING EXPERTS**

Architects, theatre experts and film directors know all about lighting effects, and make careful use of lighting moods to create a particular emotion or atmosphere. The automotive industry, too, has discovered and begun to make use of light as a powerful and effective design element. Ambient lighting has become an absolute trend in our sector, and will increase in importance in the future, with the advent of autonomous driving. The EDAG light designers are called upon to create a number of different lighting moods in line with our customers' requirements.

It goes without saying that both the quality and safety of lights are of paramount importance. The EDAG light specialists make sure, for example, that light lines are homogeneous, and avoid any unwanted hot spots. In our light laboratory, we can carry out any verification necessary, especially for close-range illumination, and examine the results of our own or customers' developments.

Even after all these years, we are still fascinated by the sheer complexity of lighting technology. Leaving structural aspects aside, light is also a physical phenomenon and subject to the laws of nature, and while we cannot change these, we still constantly come up with new ways of circumventing or making use of physics.



Our services at a glance

- Design, from concept to series
- Creation and design of optical components
- Analysis of lighting scenarios
- Visualisation and evaluation of light distribution
- Luminance images
- Light intensity recordings (mobile also possible)
- Spectrometer measurement
- Reflection measurement
- Transmission measurement

We have the right testing equipment for almost everything

Our more than 60 m² reflection-free light laboratory provides comprehensive and application-oriented equipment.

In our approx. 300 m² technology centre, we offer the comprehensive development of headlights and taillights, but also ambient and functional lighting.

EDAG Engineering GmbH

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