



Safe is a car equipped  
with tested and verified  
automotive lighting



On the safe side.

## Get access to the global automotive market through testing and certification

Over the last few years, innovations in headlamps, signaling and light sources in combination with advanced styling and complexity have added tremendous value to automotive lighting. The regulatory and industry requirements are strict. Ensuring quality, performance and compliance while obtaining access to global markets is not an easy task.



### Our services

At DEKRA we run full test programs to issue reports and certificates for your lighting products so you can make sure they are globally accepted in most legislated countries. Depending on your target market, distinct requirements may be applicable. We perform homologation testing for:

- > Europe and Japan: UNECE, and certification through the Dutch and other authorities;
- > Taiwan: with the UNECE test report issued by DEKRA, you can certify your product to obtain access to the Taiwanese market. We also can guide you through the certification process from the Taiwanese authority (VSCC).
- > India: using the same UNECE test samples, the Automotive Indian Standards (AIS) tests will take place in the DEKRA laboratories witnessed by a representative of the Indian approval authority (ARAI or ICAT) which will issue the test report and the certification.
- > North America: we test your automotive lighting according to the FMVSS108 (Federal Motor Vehicle Safety Standard No. 108) and corresponding Canadian standard (CMVSS108). Non-federally regulated lighting is tested according to the SAE standards, which can be applicable in the individual American states. Based on DEKRA's test results, our partner Calcoast-ITL in California will issue the test reports for the North American market.
- > Brazil: In addition to the testing and certification of light sources according to INMETRO, we also perform factory visits and audits.



- > Globally, DEKRA's activities go far beyond photometric testing: with a broad portfolio for the automotive industry. Our services include, but are not limited to, safety, EMC and wireless, field and cyber security testing and IATF 16949 certification.

## Your products

DEKRA's automotive lighting services are meant for manufacturers of:

- > Headlamps
- > Signaling lamps
- > Light sources for motor vehicles including trucks, cars, tractors, trailers, mopeds and motorcycles.
- > Emergency vehicle flashing lighting
- > Retroreflective devices and marking plates for slow moving vehicles, trucks and trailers
- > Rear view and camera-monitor systems

## Your benefits

Choose DEKRA as your global partner for testing and certification and save on heavy headaches. There is no need to send another set of samples or test fixtures to the other side of the world, only to find out that they have been blocked by customs or broken during transportation weeks later. Gain process efficiency with DEKRA, win time and deliver the required global certifications before your customer's deadlines.

Some of our accreditations and recognitions

- > Dutch Approval Authority RDW for E4 certification
- > ISO 17025 for automotive lighting testing
- > Recognition by the Taiwanese MOT and VSCC
- > Cooperation with the Indian Approval Authority ARAI for access to the Indian market.
- > Cooperation agreement with Calcoast-ITL for FMVSS testing
- > Recognition from the Automotive Manufacturers Equipment Compliance Agency (AMECA)

## About DEKRA

DEKRA has been active in the field of safety for more than 90 years and is one of the world's leading expert organizations in testing, inspection and certification. Our qualified and independent experts work for safety on the road, at work and at home. Among other things, they test and certify consumer, industrial, automotive and ICT products, as well as medical devices and products used in explosive atmospheres for worldwide markets. Our smart combination of safety and connectivity testing gives you the edge in a world where products need to work with everything else. It's what makes DEKRA your partner for a safe connected world.

[www.dekra-product-safety.com](http://www.dekra-product-safety.com)

Contact  
DEKRA  
[products.global@dekra.com](mailto:products.global@dekra.com)  
Tel. +31 88 96 83560  
[www.dekra-product-safety.com/photometry](http://www.dekra-product-safety.com/photometry)