

## Daytime driving lights

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### Function



Daytime driving lights offer impressive benefits: they make vehicles easier to see on the road, thereby decisively improving daytime safety. Furthermore, as they consume significantly less power, they avoid the disadvantages of low-beam headlights where consumption is concerned.

### Types of daytime driving lights

Daytime driving lights are available in a variety of designs: \_\_\_\_\_

With daytime driving lights, a vehicle can be detected earlier and more effectively, giving other road users that additional reaction time that can often prove crucial. Whilst low-beam headlights are designed to act as an active visual aid when driving at night, daytime driving lights are designed to function as passive signalling lights. Daytime driving lights are switched on automatically via a relay as soon as the ignition is switched on. When the driver switches on the normal driving lights, the daytime driving lights are switched off again automatically.

### Retrofit daytime driving lights

Retrofit daytime driving lights (upright or suspended) can be fitted at any time if required. They can be screw-mounted, snapped on, installed on a mounting plate or even fitted with a universal bracket included in the scope of supply.

### Arten von Tagfahrleuchten

Tagfahrleuchten gibt es in verschiedenen Ausführungen:

- LED-Lampen
- Herkömmliche Glühlampen

Die LED-Version ist die modernere und schickere Variante. Herkömmliche Glühlampen hingegen sind zwar kostengünstiger beim Kauf, verbrauchen jedoch mehr Energie als LEDs.

### **Nachrüstbare Tagfahrleuchten**

Nachrüstbare Tagfahrleuchten können beliebig montiert werden - stehend oder hängend. Dies kann mittels Verschraubung, Rastung, Montageplatten oder mit einer beigefügten Universalhalterung erfolgen.

## **Safety**

A study carried out by the SWOV Institute for Road Safety Research showed that daytime driving lights prevent 58% of accidents causing serious injury. This is a significant advance in safety, as drivers in particular can protect themselves by using specially developed daytime driving lights.

## **Environmental protection**

An official investigation carried out by the BAST (Bundesanstalt für Straßenwesen, the Federal Highway Research Institute) found that compared to having low-beam headlights switched on, daytime driving lights reduced increased fuel consumption by up to 90%. These are monetary facts to which the same potential for reduction with regard to CO2 emissions can be added. In summary: As well as being safe, daytime driving lights are more cost-effective and environmentally-friendly than conventional low-beam headlights. If you also consider the extremely long service life of LEDs, there is really no doubt about it: daytime driving lights are the only recommendation in terms of both technology and economics.

## **Depreciation**

To improve safety on our roads, the European Commission decided to make daytime driving lights mandatory equipment for all new car models from 2011 onwards. Many EU states have responded by making driving with lights on compulsory. Vehicles with daytime driving lights are ideally equipped to meet the requirements of the latest legislation. LED daytime driving lights have further advantages over standard-daytime driving lights. LEDs last significantly longer than bulbs. LEDs usually last the lifetime of the light in which they are fitted. As a result, there is no need to replace bulbs, contributing significantly to a vehicle's ability to maintain its value.

### **Related links**

[www.hella.de/tuning](http://www.hella.de/tuning)

<https://www.hella.com/hella-com/622.html?rdeLocaleAttr=de>

<https://www.led-nachruesten.de>

## Bilder



Daytime driving lights

## Hersteller



Bosch



HELLA



Herth+Buss



Philips



Valeo\_EN



OSRAM\_EN



Magneti Marelli\_EN

Quelle:

<http://www.my-cardictionary.com><https://www.my-cardictionary.com/cardictionary/electric/products/daytime-driving-lights.html>