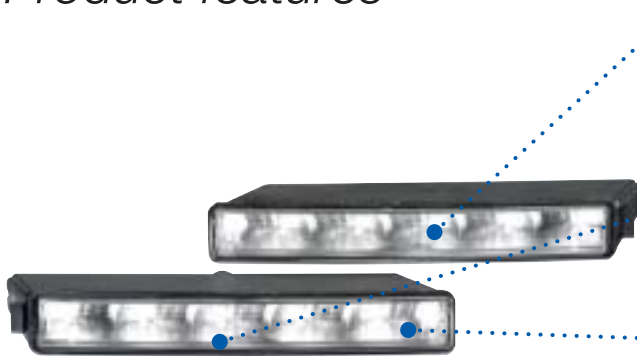




Front lighting

- *For 12/24 Volt and multi-voltage applications*
- *Universal flush-fitting*
- *Modern design*

### Product features



#### **Power LED**

Optimum light output thanks to the combination of Power LEDs and precision individual reflectors. Service life at least 10,000 hours, thus 30 times longer than a normal filament bulb.

#### **Precision reflector**

The light of the Power LEDs is focused and enables extremely high illumination and signal effect.

#### **Clear lens**

Requires clean processing within the light, since the reflectors and LEDs are visible.

#### **Award-winning**

Hella daytime running lights stand out thanks to their design. LEDayLine received the Caravanning Design Award 2008/2009. The innovative design is in line with current trends in the passenger car range.



CARAVANNING  
DESIGN AWARD 2008/2009  
INNOVATIONS FOR NEW MOBILITY

#### **Convenient to use**

The daytime running light switches on automatically after ignition by means of an integrated relay. If the driver switches the normal driving light on manually, the daytime running light switches off again automatically.

#### **Installation**

The daytime running lights can be installed anywhere – upright or pendant. They can be screwed or clicked into place, or be fitted using an installation plate or the universal bracket included.

#### **Design**

The right product for every flush-fitting and surface-mounting situation. Hella LED daytime running lights are available in round or rectangular versions as well as in a fashionable, rod-shaped design.



**Ideas today for  
the cars of tomorrow**

# Advantages of daytime running light

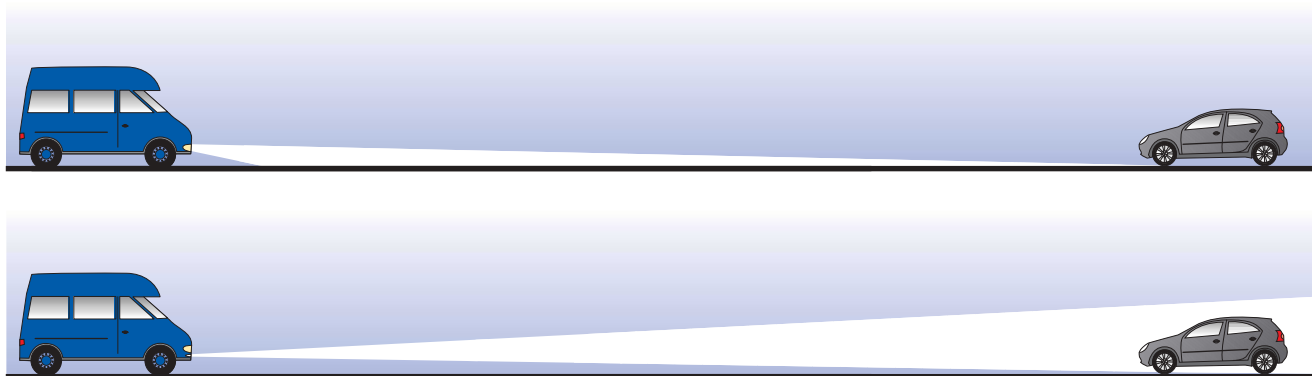
Daytime running light provides a decisive safety lead in road traffic and helps prevent 58 % of accidents resulting in serious injuries.\*

For this reason, Hella developed special daytime running lights long before any laws required them to be introduced, thus contributing to increasing driving safety.

## low beam.

The Hella daytime running lights generate a passively shining, white signal light. The vehicle is recognised by other road users both more easily and more quickly. This way, Hella makes the crucial difference in increasing reaction time and providing a perceivable safety lead.

## Daytime running lights provide more safety than

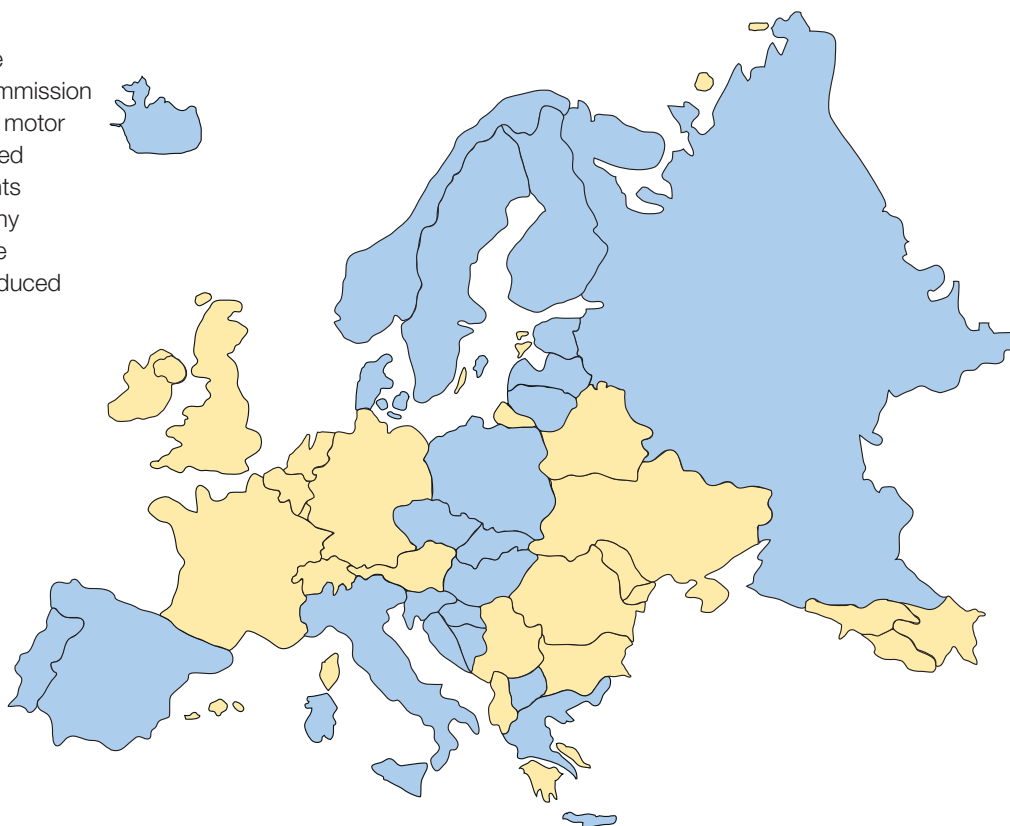


\* Study carried out by the SWOV-Institute for Road Safety Research on behalf of the EU.

# Current legislation situation concerning daytime running light

To increase safety on the roads, the European Commission has decided that all new motor vehicles must be equipped with daytime running lights from 2011 onwards. Many states within the EU have already reacted and introduced compulsory lights.

- Light compulsory
- Recommended



# LED lighting technology

As a leader in innovation in the field of automotive original equipment, Hella is setting standards via LED lighting technology in daytime running lights, too.

## An overview of the advantages of modern LED lighting technology:

### Extremely low energy consumption

Thanks to the combination of efficient light emitting diodes (LEDs) and precision optics, the Hella LED daytime running lights provide almost 4 times more light per Watt than conventional bulbs and halogen lights.

Here are the convincing figures: Established in an investigative report carried out by the Federal Institute for Roadways (BAST – Bundesanstalt für Straßenwesen):

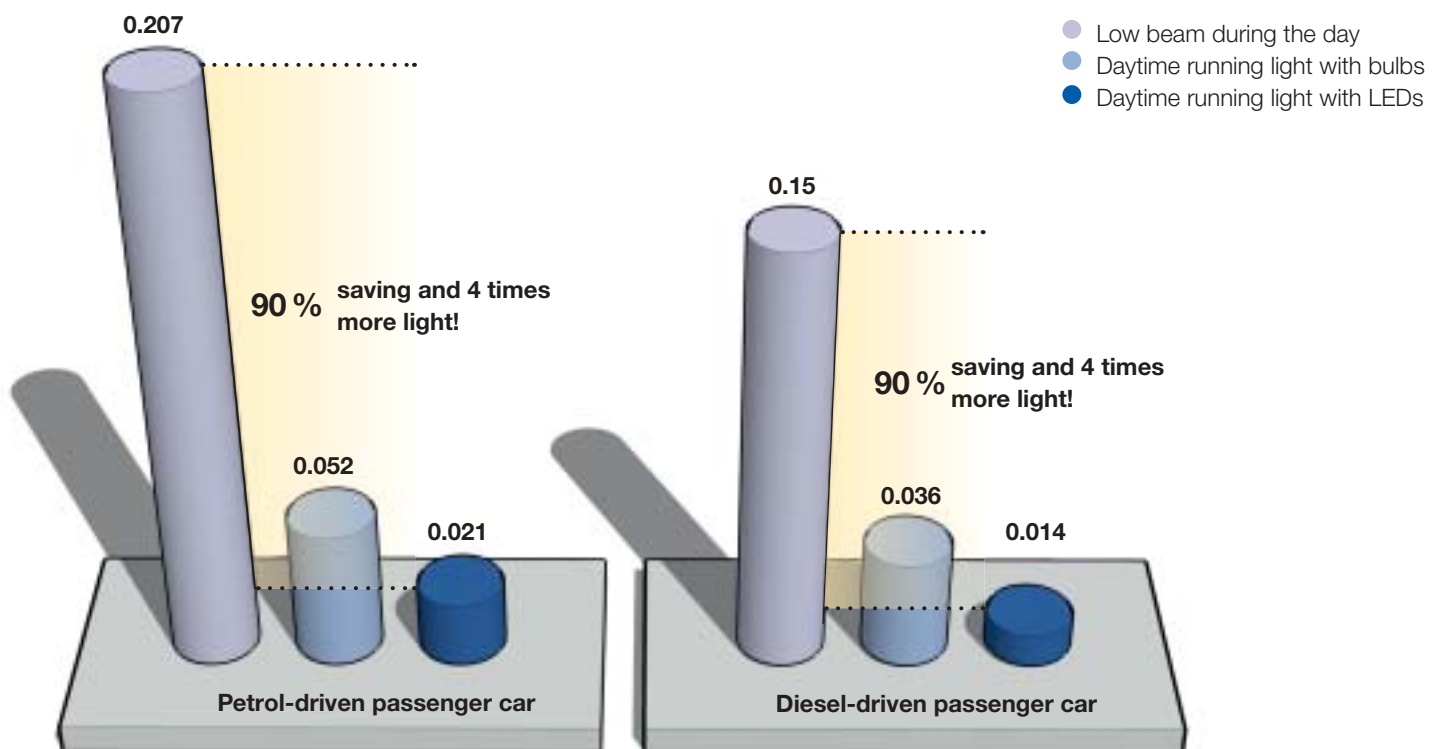
### No light-source replacement, no maintenance and an extremely long service life

LEDs are semi-conductor components, which means they do not have a fragile filament. In addition, LEDs are completely resistant to impact and vibration. This guarantees lighting and safety in every situation. Furthermore, the service life of LEDs is about 10,000 operating hours, thus exceeding the overall mileage performance of many vehicles.

### LED Multivolt™ technology

Multivolt™ circuits keep the light output constant over a voltage range of 9 to 33 Volts. This makes it possible to use the same Hella daytime running light for 12 and 24 Volt applications. Multivolt™ also compensates for voltage fluctuations which arise through the use of long cables, plug-connections and within the vehicle electric system. Furthermore, Hella Multivolt™ circuits are protected from inverse polarity and voltage peaks, and thus provide reliable safety.

## Comparison of performance between low beam and daytime running light



Source: BAST (Bundesanstalt für Straßenwesen – Federal Institute for Roadways)

## Application examples



# Range overview

		Part Number	Specification LED version 90 mm round, Attachment at the side and from the rear, multi-voltage 9 – 33 V	Type approval	Packaging unit
Product picture		2PT 009 599-811	inc. bracket and professional harness, daytime running light function only	ECE/SAE	1 set
		2PT 009 599-111	Daytime running light function only, left	ECE/SAE	1 piece
		2PT 009 599-121	Daytime running light function only, right	ECE/SAE	1 piece
Drawing		2PT 009 599-131	Daytime running light function only, left	ECE/SAE	1 piece
		2PT 009 599-141	Daytime running light function only, right	ECE/SAE	1 piece
		9AH 165 968-001	Universal carrier frame for flush-fitting		1 piece
		Part Number	Specification LED version rectangular, Attachment at the side and from the rear, multi-voltage 9 – 33 V	Type approval	Packaging unit
Product picture		2PT 009 496-801	inc. bracket and professional harness, daytime running light	ECE/SAE	1 set
		2PT 009 496-007	Daytime running light with position light	ECE/SAE	42 pieces
Drawing		2PT 009 496-011	Daytime running light function only	ECE/SAE	1 piece
		2PT 009 496-017	Daytime running light function only	ECE/SAE	42 pieces
		Part Number	Specification LEDayLine rod-shaped, inc. fastening material	Type approval	Packaging unit
Product picture		2PT 010 043-801	12 V daytime running light and position light, inc. professional harness	ECE/SAE	1 set
		2PT 010 043-011	12 V daytime running light and position light, left	ECE/SAE	1 piece
		2PT 010 043-021	12 V daytime running light and position light, right	ECE/SAE	1 piece
Drawing		2PT 010 043-031	24 V daytime running light and position light, left	ECE/SAE	1 piece
		2PT 010 043-041	24 V daytime running light and position light, right	ECE/SAE	1 piece
Trim		2PT 010 043-811	LEDayLine with a vehicle-specific black cover suitable for Fiat Ducato, Citroen Jumper, Peugeot Boxer. Incl. connecting harness, installation material and installation instruction	ECE/SAE	1 set
		Part Number	Specification LEDayFlex, multi-voltage: 12 V and 24 V possible	Type approval	Packaging unit
Product picture		2PT 010 458-801	5 light modules Daytime running light	ECE/SAE	1 set
Drawing		2PT 010 458-811	5 light modules Daytime running light/position light <sup>1</sup>	ECE/SAE	1 set

<sup>1</sup> With regard to the use of LEDayFlex as a position lamp, the serial position light is to be permanently put out of service in accordance with ECE-R 48.

Further details can be found on the Internet under: [www.tagfahrlicht.de](http://www.tagfahrlicht.de) / [www.hella.de/lightshow](http://www.hella.de/lightshow)