

Invented for life



BOSCH

Outstanding visibility for safer driving

Bosch automotive bulbs



Safer on the road

Bosch automotive bulbs



High quality automotive bulbs

Bosch automotive bulbs stand for reliability and robustness. They increase road safety and driving comfort through good road lighting without blinding oncoming traffic.



Spare parts, diagnostics and workshop services

The workshop and retail range includes high-quality spare parts, diagnostics and workshop equipment as well as special training courses and a technical hotline. Bosch thus offers a complete package to make it easier for workshops to install and remove spare parts.



Competence and know-how

Bosch knows the technical requirements of vehicles very well and offers innovative and reliable solutions within its aftermarket range. The knowledge also benefits Bosch automotive bulbs. Bosch offers reliable solutions that meet technical requirements and impress with their high quality.



Global presence

More than 16,000 associates in 150 countries and an extensive dealer network reliably ensure target-oriented workshop support and local availability of the spare parts range.

Automotive bulbs

Overview

Reliable vehicle lighting is particularly important, especially under difficult lighting conditions. Bosch offers a comprehensive range of automotive bulbs in high quality – from headlight bulbs to the interior lighting of the vehicle.

Innovations since over 100 years

Since the invention of the first electric lighting system in 1913, Bosch provided real highlights in the automotive bulb market with new ideas and convincing products. This includes modern and classic lighting technologies such as halogen, xenon HID and LED vehicle lamps.

Extensive program in excellent quality

Bosch lighting technology and automotive bulbs are enlightening examples for greater security. The comprehensive Bosch range contains suitable automotive bulbs for almost every vehicle. These include headlight bulbs and miniature lamps for

passenger car and commercial vehicle applications. The wide product range is convincing – with excellent quality and long service life.

Product ranges for trade and workshops

With the workshop and DIY ranges, Bosch supplies the market with two tailor-made specific programs across all sales channels. The modern design of the practical workshop packaging and the attractive DIY packaging appeals positively to consumers and successfully supports sales in the market.



LED lamps for off-road

Product range and details



	LED Gigalight*	LED Powerlight*	LED Retrofit*
Quick comparison	★★★★★	★★★★★	★★★★
	LED upgrade made easy – the powerful, long-lasting LED vehicle lamp for headlights equipped with halogen bulbs	The stylish LED vehicle lamp is a ready-to-install LED upgrade for halogen headlights.	The LED retrofit product line combines powerful technology with modern design – for miniature lamps inside and outside the vehicle
Technology	LED	LED	LED
Lighting range	●●●●●	●●●●	–
Brightness	●●●●●	●●●●	●●●
Service life	●●●●●	●●●●●	●●●●●
Scope of application		  	  
Position	Headlight	Headlight	Indicator/brake and Interior lamps
Main types of automotive bulbs available	H4, H7, HB4, H8/H11/H16	H4, H7	C5W, P21W, PY21W, W5W etc.
Blister	 –	–	●
LED Duobox	 ●	 ●	–
Advantages at a glance	<ul style="list-style-type: none"> ■ Long service life and excellent light output for very good route illumination ■ Ready-to-install LED upgrade using CAN bus technology ■ Powerful LED technology with up to 6,000 Kelvin for an effect similar to daylight 	<ul style="list-style-type: none"> ■ Excellent light output for good route illumination ■ Easy LED upgrade using CAN bus technology ■ Extremely white color temperature of up to 6,000 Kelvin and a very long service life 	<ul style="list-style-type: none"> ■ Easy LED upgrade ■ Modern design for a stylish look ■ 80% lower energy consumption than a halogen bulb

* For off-road use only: not approved for public roads

● Black packaging line

● Blue packaging line

LED Powerlight Technology

LED lattice chips for daylight bright light with up to 6,000 Kelvin

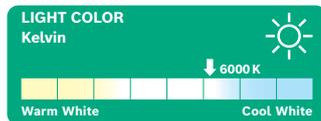
High beam

Low beam

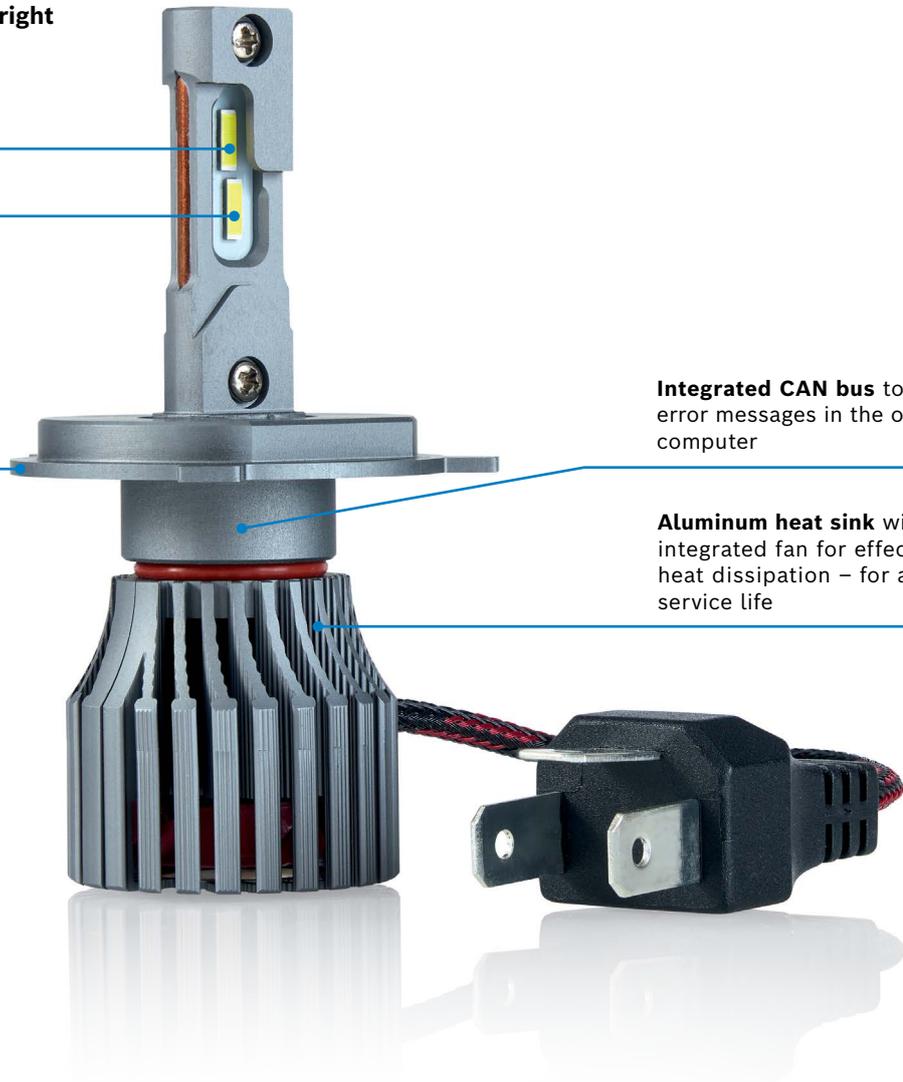
Removable ring for easy installation

Integrated CAN bus to avoid error messages in the on-board computer

Aluminum heat sink with integrated fan for effective heat dissipation – for a long service life



* In comparison with standard halogen bulbs



Standard halogen bulb and Bosch LED Powerlight: street view (Bosch test lane) and front view in comparison at night



Did you know?

LED lamps (Light Emitting Diode) do not have a gas-filled glass body, but rather light-emitting chips. These are in the same position as the filaments of halogen bulbs – for optimal light distribution via the headlight reflectors. Compared to halogen bulbs, LED lamps have a significantly higher light output and a much longer service life. To prevent overheating, LED headlight lamps are equipped with a small cooling fan.

Halogen bulbs

Product range and details



	Plus 200 Gigalight	Plus 150 and 120 Gigalight	Plus 90 and Plus 50
Quick comparison	★★★★★	★★★★★	★★★★
	The halogen bulb with the highest light intensity within the Bosch range provides up to 200% more light on the road ahead*	The automotive halogen bulb with intense white light provides up to 150% respectively 120% more light on the road ahead*	The automotive halogen bulb with intense bright light provides up to 90% respectively 50% more light on the road ahead*
Technology	Halogen	Halogen	Halogen
Lighting range	●●●●●	●●●●●○	●●●●●
Brightness	●●●●●	●●●●●○	●●●●●
Service life	●●	●●○	●●●
Scope of application			
Main types of automotive bulbs available	H4, H7	H1, H4, H7, H11, HB3, HB4, HIR2	H1, H4, H7
Workshop packaging	-	-/-	-/●
Blister	●	●/●	●/●
Double blister	●	●/●	●/-
Advantages at a glance	<ul style="list-style-type: none"> ■ Up to 200% more light*, with a beam of light with up to 150 m length ■ Extremely strong luminosity thanks to xenon gas filling ■ Modern look with intense white light ■ Silver cap for a stylish look in clear glass headlights 	<ul style="list-style-type: none"> ■ Particularly strong luminosity through xenon gas filling ■ Very white light for stronger contrasts and a stylish look ■ Silver cap for a stylish look in clear glass headlights 	<ul style="list-style-type: none"> ■ Strong luminosity thanks to filling with a special gas mixture ■ Very bright light that is easy on the eyes ■ Plus 90 with silver cap for a stylish look in clear glass headlights

* In comparison with standard halogen bulbs
 ● Black packaging line

Plus 200 Gigalight Technology

Excellent light output thanks to optimized filament size

200 % more light* through the use of xenon gas

Modern look with elegant, silver cap

Extremely white light thanks to special blue coating



* In comparison with standard halogen bulbs



Standard halogen bulb and Bosch Plus 200 Gigalight: street view and front view in comparison at night



Did you know?

Modern vehicle headlights are equipped for technical and optical reasons with plastic cover plates. However, the UV-radiation from vehicle lamps causes these plastics to turn yellow and become brittle over time. Therefore, all Bosch main-headlight bulbs are equipped with UV-Cut, which reduces harmful UV-contents in the light and prevents the headlight from yellowing.

Halogen bulbs

Product range and details



	Ultra White	Xenon Blue	Longlife Daytime
Quick comparison	★★★★★	★★★★★	★★★★★
	The particularly white automotive halogen bulb with LED-like light with up to 4,800 Kelvin*	The impressive automotive halogen bulb with white/blue xenon-like light	The long runner among automotive bulbs features a service life being up to three times longer**
Technology	Halogen	Halogen	Halogen
Lighting range	●●●●●	●●●	●●●
Brightness	●●●●●	●●●●●	●●●
Service life	●●	●●●	●●●●●
Scope of application			
Main types of automotive bulbs available	H1, H4, H7, H11, HIR2, W5W	H1, H4, H7, W5W	H1, H4, H7, H11, HIR2, C5W, P21W, P21/5W, R5W, W5W
Workshop packaging		●	●
Blister		●	●
Double blister		●	—
Advantages at a glance	<ul style="list-style-type: none"> ■ Special blue coating for white light similar to daylight and stronger contrast ■ Up to 100% more light** for good road illumination ■ Modern design with LED look 	<ul style="list-style-type: none"> ■ Special coating for a white-blue, xenon-like light and more driving comfort ■ Improved reflection on traffic signs and road markings for greater safety ■ Powerful bluish-white light for a stylish appearance 	<ul style="list-style-type: none"> ■ Reinforced filament and reduced temperature for up to 3 times longer lifespan** ■ long change intervals – particularly suitable for frequent travelers ■ ideal for drivers who also keep their lights on during the day

* Depending on the type of lamp

** In comparison with standard halogen lamps

● Black packaging line

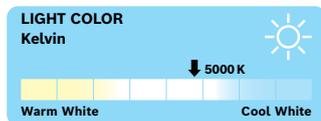
Ultra White Technology

Modern look in clear glass headlights through blue cap

Extremely white light with up to 4,800 Kelvin* through a special blue coating

LED-like light for stronger contrasts

100% more light** by the use of xenon gas



* Depending on the type of lamp
**In comparison with standard halogen bulbs



Standard halogen bulb and Bosch Ultra White: street view and front view in comparison at night



Did you know?

The color temperature indicates the color tone of a light source. A black body serves as a reference object, which glowing in different colors of light as it heats up. The emitted light changes from red to yellow and white to blue. For example, a vehicle lamp with warm white light has a color temperature of around 2,700 Kelvin, a LED or gas discharge lamp with a light similar to daylight of 4,000 to 6,000 Kelvin.

Halogen bulbs

Product range and details



	Magic Effect	Pure Light
Quick comparison	★★★★★	★★★
	The optically colorless halogen turn signal bulb emitting orange light when turned on – ideal for turn signals with clearglass cover	The reliable automotive halogen bulb with a very good price-performance ratio
Technology	Halogen	Halogen
Lighting range	●●●	●●●
Brightness	●●●●	●●●
Service life	●●●●	●●●●
Scope of application	 	 
Main types of automotive bulbs available	Turn-signal bulb: PY21W	All types
Workshop packaging	 — ●	
Blister	 — ●	
Double blister	 ● ●	
Advantages at a glance	<ul style="list-style-type: none"> ■ Interference coating – shining orange, but colorless when off ■ Ideal for clear-glass headlights ■ Doubled service life in comparison with standard halogen bulbs 	<ul style="list-style-type: none"> ■ Universal bulb range for all common 12-volt applications ■ Long service life thanks to the use of high-quality materials ■ Very good price-performance ratio

- Black packaging line
- Blue packaging line

Workshop tip

Bosch recommends always changing vehicle lamps in pairs, as a defect in the second lamp is foreseeable and can therefore save a second visit to the workshop. Gloves should be worn when changing to avoid burns and not affect the light output.

Gas-discharge lamps (Xenon HID)

Product range and details



	Xenon White HID	Xenon HID
Quick comparison	★★★★★	★★★★
	The most powerful xenon lamp in the Bosch range with extremely white, daylight light – up to 6,000 Kelvin	The xenon lamp with high luminous efficiency ensures very good lighting conditions with a light color of 4,200 Kelvin
Technology	Gas-discharge lamp (Xenon HID)	Gas-discharge lamp (Xenon HID)
Lighting range	●●●●●	●●●●
Brightness	●●●●●	●●●●
Service life	●●●●	●●●●
Scope of application		
Main types of automotive bulbs available	D1S, D2S, D3S	D1S, D2S, D2R, D3S, D4S, D5S
Workshop packaging	●	●
Advantages at a glance	<ul style="list-style-type: none"> Extremely white, high-contrast light for safer and more relaxed driving Color temperatures up to 6,000 Kelvin – for a modern white look 100% more light than a standard xenon lamp thanks to a special gas mixture 	<ul style="list-style-type: none"> Filled with xenon gas for strong light output High reliability and longevity Low energy consumption

- Black packaging line
- Blue packaging line

Accessories

Replacement-bulb box

In case a bulb fails, the replacement-bulb box is an immediate remedy. It is available as small and handy mini box or as maxi box with almost all replacement bulbs.



What drives you, drives us

Bosch technologies are used in most vehicles worldwide.
People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated over 130 years of pioneering spirit
and expertise in research and manufacturing to achieving this.

We provide the aftermarket and workshops worldwide with modern diagnostic and workshop
equipment and a wide range of spare parts for passenger cars and commercial vehicles:

- solutions for efficient vehicle repairs
- innovative workshop equipment and software
- one of the world's most comprehensive ranges of new and exchange parts
- large network of wholesale customers, for quick and reliable parts supply
- competent hotline support
- comprehensive educational and training offers
- targeted sales and marketing support

Find out more at:
boschaftermarket.com

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