



car headlight bulb

- LED-HL [~H4]
- 6500 K
- +200% brighter light
- Advanced automotive system

12901HPX2

## Brighter. Whiter. Stronger.

Bright white LED headlights for high-end look

Philips X-treme Ultinon LED [~H4] features premium LUXEON LED with 6500 Kelvin. Our patented SafeBeam technology projects 200% brighter light exactly where you need it. Built to last with advanced AirFlux design.

### Benefits

[Brighter, whiter LED headlights for cars](#)

- Get 200% brighter light for superior visibility

[Upgrade your style](#)

- 6500-Kelvin colour temperature for crisp white light
- Upgrade your lights, upgrade your style

[Superior light diffusion](#)

- Powerful bright light, directed exactly where you need it

[Longer-lasting LED headlights](#)

- Durable headlights that can last as long as your car
- Innovative heat management systems for longer lifetime

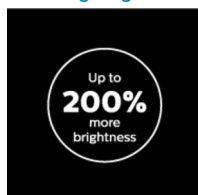
[Exceptional Philips quality](#)

- Philips automotive lighting at the highest quality level
- Easy installation and compatible with many car models
- Not for use on public roads in Europe

# PHILIPS

## Features

### Vivid bright light



Driving in the dark is demanding, so you rely on your headlights. Forward and peripheral vision are both important to enhance your driving ability for a safer drive. With an intense bright beam, Philips X-treme Ultinon LED headlights for cars improve your visibility by up to 200%. Once you experience this daylight-like effect, you'll always prefer LED. The more you can see, the better you perform, the faster you react and the safer you are. So don't let darkness win — choose Philips and start driving at night with greater confidence and control.

### Pure bright white light



With a colour temperature of up to 6500 Kelvin, the Philips X-treme Ultinon LED headlight based on automotive-grade LUXEON technology produces a bright white, daylight-like beam. With clearer vision you're better able to spot obstacles and take the perfect driving line. And as you don't have to strain to see the terrain ahead, brighter lights make for a more comfortable and exciting night-time drive.

### Stylish white light upgrade

Just like our eyes are windows into our souls, so your headlights say a lot about your car. If you're looking to upgrade your style without buying a newer car, upgrading your headlights is one of the smartest ways to spend your money. Your car is an expression of who you are, so make a style statement with Philips LED headlights. Instead of yellow, you'll get a crisp, white and modern light. For that high-end look, smart drivers choose the superior style of Philips LED headlights.

### Bright light where you need it



The best headlights are not simply the ones that produce the strongest light. Creating ever-brighter LED bulbs for cars is the easier task. It's what you do

with that extra light that matters. Uncontrolled bright light is not ideal for driving and can create dangerous glare. Fitted with SafeBeam technology, Philips LED headlights concentrate light where you need it. The uniform and accurate beam pattern is designed according to road safety regulations for halogen headlights. With more precise control of light, you have greater visibility, making you a better and safer night-time driver.

### Enjoy a lifetime of light

You want bright and stylish headlights. But you don't want to keep replacing failed bulbs. That's a major weakness of conventional headlights: the more powerful the light, the shorter its lifespan. At a higher light intensity level, LEDs last much longer, and Philips X-treme Ultinon LED products show superior durability. Features such as AirFlux and AirCool heat management systems mean that they last up to 12 years. With most cars replaced or upgraded within that time, your stylish new headlights should last you the lifetime of your car.

### Longer-lasting headlight bulbs

LED headlight bulbs generate heat that needs controlling. Philips AirFlux and AirCool technologies are a smart cooling system that diverts heat away from the light's critical components. By increasing heat resistance, Philips LED headlights last longer than other comparable products currently on the market. But durable lights are not just about convenience and value for money; they're also about safety. You don't want your lights to fail while in use. With Philips LED lights you can drive in total serenity.

### Automotive-grade quality

Technologically advanced Philips lighting is renowned in the automotive industry, and has been for over 100 years. Philips Automotive-Grade Quality products are designed and developed following strict quality control processes (including applicable ISO norms), leading to consistently high production standards. Major car manufacturers choose Philips bulbs, because when you buy Philips, you buy quality. You get powerful bright light and precise beam performance. You get high-end style. And you get an advanced LED lighting system for a safer, smoother and more enjoyable drive.

### Ready, steady, installed!

Designed to be easily installed in compatible vehicles, so drivers with maintenance experience will be able to upgrade compatible headlights with ease. However, it's recommended that you get your new Philips LED headlights installed by specialist mechanics — they will make sure you're ready to go. While these headlights are compatible with a wide range of existing car models, not all car types are supported.

### Not for use on public roads

Important: In the EU and a few other territories, LED lighting is reserved for interior and off-road use only. LED headlamps, fog lamps and indicator bulbs are currently not ECE homologated and are not for use on public roads. If you use LED headlamps, fog lamps or indicator bulbs on public roads, you risk losing your driving licence and car insurance, as well as legal penalties. Philips LED lighting is not available in all countries. For more information, please contact your Philips representative.

## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### Packaging Data

Packaging type	X2
EAN1	8727900397376
EAN3	8727900397383

### Product description

Technology	LED
Application	High beam Low beam
Range	X-treme Ultinon LED
Type	H4

Homologation ECE	NO
Base	P43t-38
Designation LED	LED-HL [~H4]
Type	
Technical features	AirFlux IP65 SafeBeam

### Electrical characteristics

Voltage	12 V
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## X-tremeUltinon LED

### Marketing specifications

Expected benefits	Advanced automotive system
Product highlight	Brighter Stronger Whiter

### Light characteristics

Colour temperature	Up to 6500 K
Lumens	1000/1350

### Ordering information

Order entry	12901HPX2
Ordering code	39737631

### Lifetime

Life time	Up to 12 years
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\* It is your own responsibility to ensure that the use of the LED retrofit lights complies with applicable local legal requirements.



data subject to change  
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