PHILIPS

with exclusive Lumileds automotive LED

X-tremeUltinon LED gen2

LED-HL [~H7]

up to 250% brighter light

Cool white light

Lumileds Altilon SMD LED

11972XUWX2

LED innovation for people passionate about driving

Original automotive performance in LED

The Philips X-tremeUltinon LED gen2 sets the new performance standard for LED retrofit. Unique Lumileds Altilon SMD technology, as used by car makers, provides 250% brighter, whiter light for safer, more comfortable night-time driving.

Easy-to-install and robust, long-lasting LED

- Optional car-specific connector rings available for easy fit
- Highest-quality Philips automotive lighting
- Matchbox-sized LED driver box makes installation easy
- Durable headlights that can last as long as your car
- The durability that today's drivers demand
- CANbus adapters keep your car's electrics working smoothly
- Narrow tolerance ensures compatability with existing LEDs

Superior visibility and comfort for the eye

- 5 800 Kelvin color temperature for cool white light
- Unique OEM Lumileds LED chips for superior light performance
- Get up to 250% brighter light for superior visibility

Stable light performance exactly where you need it

- AirFlux and AirCool heat management for hot-lumen stability
- Powerful bright light, directed exactly where you need it

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Highlights

Vivid bright light

Driving in the dark is demanding, so you rely on your headlights to keep you safe. With its intense bright-white beam, the Philips X-tremeUltinon LED gen2 headlight is pushing the boundaries of light, improving visibility by up to 250% to help you see further. Thanks to its unique, premium Lumileds LUXEON Altilon SMD LED chips, as used by car makers, you'll experience an unrivalled daylight-like effect when driving at night. And because you can see more, not only will you be safer, you'll also enjoy a more relaxed, comfortable night-time drive.

Unique OEM LED chips

Philips X-tremeUltinon gen2 is the only aftermarket LED Upgrades using Original Equipment Manufacturer (OEM) LED chips: Lumileds LUXEON Altilon SMD. The superior light performance includes an extremely sharp cut-off line for a perfect beam pattern. This means the beam accurately illuminates what lies ahead without dazzling others, keeping you safer in the dark. One of the reasons why Lumileds LED chips and Philips headlight bulbs are chosen by the world's major car manufacturers is because they're fitted with the very best components, giving you the very best performance.

Cool white light

With a color temperature of up to 5800 Kelvin, the Philips X-tremeUltinon LED gen2 headlight produces a bright white, daylight-like beam. Today's new cars have headlights with around the same color temperature because this is proven to be the most appropriate for the human eye and seeing warning signals. 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, exciting drive.

Bright light where you need it

The best headlights are not simply the brightest. Creating ever-brighter LED bulbs for cars is easy, it's what you do with the extra light that matters. Uncontrolled bright light is not ideal for driving and can create dangerous glare. Featuring SafeBeam technology, Philips LED headlights concentrate light exactly where you need it. The uniform, accurate beam pattern is designed according to road-safety regulations for halogen headlights. Precisely controlled light gives you greater visibility, making you a safer night-time driver.

Effective heat management

Heat management is a critical factor in the performance of LED lights. The X-tremeUltinon LED gen2 is equipped with AirFlux [~H4 and Fog]and AirCool [~H7] heat-management systems. These dissipate heat effectively, ensuring the headlights always perform at the optimum brightness (lumen stability). Because they use less efficient heat-dissipation technology, many competitor LEDs emit a weaker beam of light when they get hot. The X-tremeUltinon LED gen2 doesn't have this
problem, because it allows heat to escape quickly. You get a consistently powerful beam of light throughout your journey.

Model-specific connector rings

Because H7 headlights feature a wide variety of lamp brackets, you can sometimes have trouble fitting LED lights. Not with Philips X-tremeUltinon LED gen2. Optional Philips LED connector rings ensure they fit the largest selection of car models, so you can buy Philips LED with peace of mind, knowing they will fit your car.

Problem-free electrics

Some car models present particular challenges for LED Upgrades, such as faulty dashboard warnings, flickering lights and high-beam indicator issues. Unique Philips CANbus adapters solve these problems, ensuring you don't experience any of these electrical glitches and your LED lights work as intended. Thanks to its advanced design and robust housing, the CANbus adapter is easily installed and designed to handle the demands of daily driving.

Easy-fit, compact design

Equipped with a smaller driver box (which converts high voltage to the low voltage required by LEDs), the X-tremeUltinon LED gen2
can fit into even the smallest of headlight units. Now smaller than a standard matchbox, the LED gen2 is easy to install, whatever vehicle you drive.

Enjoy a lifetime of light

You want bright, stylish headlights but you don't want to keep replacing failed lamps. 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-tremeUltinon LED gen2 headlights are built to last. Due to features such as AirFlux and AirCool heat-management systems, they last up to 12 years. With most cars replaced or upgraded within that time, your stylish new headlights should last the lifetime of your car.

The versatility to perform

Both OEM LEDs and Philips X-tremeUltinon LED gen2 are manufactured to a narrow tolerance around 5 800 K. This enables them to work alongside existing LED bulbs on your car without causing clashes in light colour. So they'll fit perfectly with your daytime running lights, for example. Put compatability concerns behind you with Philips X-tremeUltinon LED gen2.

Lights that are made to last

IP65-certified against dust ingress and with splash-water protection, Philips X-tremeUltinon LED gen2 are also guaranteed EMI-compliant, conforming to automotive-industry standards on electromagnetic interference. Precision-engineered to withstand the rigors of modern motoring life, they offer the durability that today's drivers demand.

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. Philips lamps are generally compatible with car models of major brands, such as Audi, BMW, Ford, GM, Toyota and Volkswagen. Please see the product selector guide for more information.

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Specifications

Marketing specifications
Expected benefits: More light
Product highlight: Automotive Grade LED

Product description
Application: High beam, Low beam
Base: PX26d
Designation: LED H7 11972 XUW X2
Homologation ECE: NO
Range: X-tremeUltinon LED
Technology: LED
Type: [~H7]

Lifetime
Life time: 5000 hrs

Light characteristics
Color temperature: 5800K (5500 K~6250 K)

Electrical characteristics
Voltage: 13.2 V
Wattage: 25 W

Ordering information
Order entry: 11972XUWX2
Ordering code: 6014331

Packaging Data
Packaging type: X2
EAN1: 8719018060143
EAN3: 8719018060150

Packed product information
Gross weight per piece: 494 g
Length: 18 cm
Width: 15 cm
Height: 8 cm
Net weight per piece: 280 g
Pack Quantity: 2 pcs
MOQ (for professionals): 6 packs

Outerpack information
Length: 38.6 cm
Width: 17.6 cm
Height: 27.7 cm
Net weight per piece: 1740 g
Gross weight per piece: 3.156 kg

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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.