

# PHILIPS

with exclusive Lumileds  
automotive LED

Ultinon Pro9000

LED-HL [~HIR2]

up to 250% brighter light

Cool white light

Lumileds TopContact LEDs

11012U90CW2



## Breakthrough LED for driving enthusiasts Original automotive performance in LED

The Philips Ultinon Pro9000 sets a new standard in retrofit LED bulbs. It offers up to 250% brighter\*, whiter light for optimal performance and a compact design for easy fitting to most vehicles. \*Compare to the minimum legal standard.

### Superior visibility and high-end style

- Up to 250% brighter light
- OEM LEDs exclusive to Lumileds in aftermarket
- Up to 5,800 Kelvin color temperature for cool white light

### Best-in-class cut-off line

- Light exactly where you need it on the road

### Optimal design for the perfect fit

- Small footprint, big performance
- 12V and 24V compatibility for wider usability
- High electrical compatibility for most vehicles

### Performance made to last

- Enhanced lifetime of up to 5,000 hours

### Automotive-grade quality

- The durability that today's drivers demand

# Highlights

## Up to 250% brighter light

The new Philips Ultinon Pro9000 headlight bulbs provide the exceptional visibility that you need while driving. They offer up to 250% brighter, consistent light on the road than the legal minimum for halogen bulbs. Their optimal spectrum makes road signs more visible. See further, react faster!

## Exclusive Lumileds Top Contact

Always a step ahead, Philips Ultinon Pro9000 is driving performance with its exclusive top-quality Lumileds TopContact LED chips. These unique OEM LEDs provide optimized light consistency, generate less heat and feature the ideal light color for sharper visibility. One reason why Lumileds automotive LED chips and Philips headlight bulbs are chosen by the world's major car manufacturers is that they're fitted with the very best components and technologies, giving you unparalleled performance and enhanced bulb lifetime.

## Up to 5,800 K cool white light

Enjoy the balance of practicality and performance. Philips Ultinon Pro9000 features a color temperature of up to 5800 K, proven among Original Equipment Manufacturers to maximize eye comfort while driving at night. This reduces fatigue and the risk of eye strain to make driving in the dark a safer, more pleasant experience.

## Light exactly where you need

Thanks to the perfect positioning of the LED chips on Philips Ultinon Pro9000 bulbs, drivers have light exactly where they need it on the road without dazzling oncoming vehicles. Our bulbs also feature Philips SafeBeam, producing the best useable beam and glare-free pattern. Drive safer with Philips Ultinon Pro9000.

## Small footprint

Philips Ultinon Pro9000 gives you powerful technology in a small but effective design. Built with performance and ease of use in mind, the Philips Ultinon Pro9000's new one-

piece bulb design allows fast, hassle-free installation. The built-in driver means no more worries about limited space in the headlight unit. This super-compact design ensures compatibility with a wide range of car models.

## Electrical compatibility

LED retrofit and halogen bulbs differ from one another in terms of wattage, composition and power consumption. Replacing your halogen bulbs with other LEDs may cause issues such as flickering light. Philips Ultinon Pro9000 bulbs need no additional adapters\*\* to eliminate flickering in most vehicles. They work right away with the vehicle's electrical system, providing a consistent light beam and color temperature.

## 12V-24V for wider usability

Philips Ultinon Pro9000 is compatible with both 12V and 24V electrical systems, making it suitable for most vehicle types.

## Lifetime of up to 5,000 hours

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 Ultinon Pro9000 headlights are built to last. Due to features such as AirBoost and AirCool heat-management systems, they last for up to 5,000 hours of operation.

## Durability for today's driver

IP65-certified against dust ingress and with splash-water protection, Philips Ultinon Pro9000 bulbs 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. Their daily performance provides confidence behind the wheel and brighter, consistent light throughout the journey.

# Specifications

## Packaging Data

Packaging type: X2  
EAN1: 8719018007247  
EAN3: 8719018007254

## Product description

Technology: LED  
Application: High beam, Low beam  
Range: Ultinon Pro9000  
Homologation ECE: NO  
Designation: LED HIR2 11012 U90CW X2  
Base: PX22d  
Type: LED-HL [-HIR2]  
Technical features: AirBoost, SafeBeam Technology

## Electrical characteristics

Voltage [V]: 13.2 V  
Wattage [W]: 20W

## Marketing specifications

Expected benefits: Brighter Lights  
Product highlight: Automotive Grade LED

## Light characteristics

Color temperature: 5800K  
Lumens [lm]: 1850

## Ordering information

Order entry: 11012U90CW2  
Ordering code: 724731

## Outerpack information

Height: 19.1 cm  
Length: 32.5 cm  
Net weight per piece: 22 g  
Width: 22 cm  
Gross weight per piece: 2.4 kg

## Packed product information

Gross weight per piece: 410 g  
Height: 18.9 cm  
Length: 15.2 cm  
Net weight per piece: 85 g  
Width: 7 cm  
MOQ (for professionals): 6 packs  
Pack Quantity: 2 pcs

## Lifetime

Life time: 5000 hrs



\* Compared to the legal minimum for halogen bulbs.  
\* It is your own responsibility to ensure that the use of the LED retrofit lights complies with applicable local legal requirements  
\* \* For some rare cases, an additional Light repair CANbus might be needed to eliminate flickering completely.