PHILIPS

with exclusive automotive LED

Ultinon Pro9100

Type of lamp: HIR2

Up to 350% brighter light

5,800 K cool white light

5-year warranty

LUM11012U91X2

Breakthrough LED for driving enthusiasts

Original automotive performance

The Philips Ultinon Pro9100 sets a new standard in retrofit LED bulbs. It offers up to 350% brighter*, whiter light for optimal performance and a compact design for easy fitting to most vehicles.

Automotive-grade quality
- The durability that today's drivers demand

Performance made to last
- Enhanced lifetime of up to 5,000 hours

Best-in-class cut-off line
- Light exactly where you need it on the road

Superior visibility and high-end style
- OEM LEDs exclusive to Lumileds in aftermarket
- Up to 350% brighter light
- Up to 5,800 Kelvin color temperature for cool white light

Optimal design for the perfect fit
- 12V- and 24V-compatible for wider usability
- High electrical compatibility with most vehicles
- Small footprint, big performance

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Highlights

Up to 350% brighter light

The new Philips Ultinon Pro9100 headlight bulbs provide the exceptional visibility that you need while driving. Thanks to enhanced LED binning and meticulous product refinement, they offer consistent light that's up to 350% brighter than the legal minimum for halogen bulbs. Their optimal spectrum makes road signs more visible. See further, react faster!

Exclusive Lumileds TopContact

Always a step ahead, Philips Ultinon Pro9100 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 the world's major car manufacturers choose Lumileds automotive LED chips and Philips headlight bulbs is that they're fitted with the very best components and technologies, giving you unparalleled performance and enhanced bulb lifetime.

Up to 5,800 Kelvin

Enjoy the balance of practicality and performance. Philips Ultinon Pro9100 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 Pro9100 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 Pro9100.

Small footprint

Philips Ultinon Pro9100 gives you powerful technology in a small but effective design. Conceived with performance and ease of use in mind, the Philips Ultinon Pro9100'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 Pro9100 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. ** In rare cases, an additional Light repair CANbus may be needed to eliminate flickering completely.

12V-24V for wider usability

Philips Ultinon Pro9100 is compatible with both 12V and 24V electrical systems, making it suitable for most vehicle types.

Up to 5,000 hours' lifetime

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 Pro9100 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 drivers

IP55-certified against dust ingress and with splash-water protection, Philips Ultinon Pro9100 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

Marketing specifications

Expected benefits: Brighter Lights
Product highlight: Automotive Grade LED, Lumileds TopContact LED, AirBoost Technology

Product description

Application: High beam, Low beam
Base: PX22d
Designation: LED HIR2 11012 U91 X2
Homologation ECE: NO
Range: Ultinon Pro9100
Technical features: AirBoost, SafeBeam Technology
Technology: LED
Type: LED-HL [~HIR2]

Lifetime

Life time: 5000 hrs

Light characteristics

Color temperature: 5800K
Lumens [lm]: 1850

Electrical characteristics

Voltage: 20 V
Wattage: 13.2 W

Ordering information

Order entry: 11012U91X2
Ordering code: 01872494

Packaging Data

Packaging type: X2
EAN1: 8719018018724
EAN3: 8719018018731

Packed product information

Length: 15.2 cm
Width: 7 cm
Height: 18.9 cm
Net weight per piece: 85 g
Pack Quantity: 2 pcs
MOQ (for professionals): 4 packs
Gross weight individual pack: 410

Outerpack information

Length: 32.5 cm
Width: 22 cm
Height: 19.1 cm
Gross weight [kg]: 1.8

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* Compared to the legal minimum for halogen bulbs.
* * In rare cases, an additional Light repair CANbus may be needed to eliminate flickering completely.