



New Philips Ultinon Pro9100 Headlight Bulbs Bring Class-leading Innovation and 350% More Brightness

Exceptional visibility and lifetime from Lumileds advanced automotive LED technology

Frankfurt, Germany – September 13th, 2022 – Lumileds’ exciting, next-generation Philips Ultinon Pro9100 LED range pushes the boundaries of light once again, delivering automotive OEM level performance. Equipped with Lumileds LUXEON Altilon TopContactLED¹ exclusively used by car makers, these LED automotive headlight bulbs offer optimized consistency and performance with up to 350% more brightness². They generate a strong, cool white light to provide sharper visibility, a real technological innovation for keen drivers.

Exceptional visibility with up to 350% brighter light!

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

Always a step ahead, the Philips Ultinon Pro9100 achieves enhanced performance with its exclusive premium-quality Lumileds LUXEON Altilon TopContact LEDs. “*These unique OEM LEDs provide optimized light consistency, support better heat extraction, and feature the ideal light color for sharper visibility,*” said Jacques Le Berre, Business-Line Senior Director, Lamps & LED Upgrades at Lumileds. The Philips Ultinon Pro9100 range features a color temperature of up to 5800K, 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. The perfect positioning of the LED chips in Philips Ultinon Pro9100 bulbs delivers light exactly where drivers need it, on the road without dazzling oncoming vehicles. These bulbs also include our SafeBeam feature, producing the best useable beam and glare-free light pattern.

A key reason the world’s major car manufacturers choose Lumileds automotive LEDs and Philips headlight bulbs is that they’re fitted with the very best components and technologies, giving drivers unparalleled performance and enhanced bulb lifetime.

Best-in-class cut-off line and design

The Philips Ultinon Pro9100 gives drivers 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 models³.

¹ Lumileds LUXEON Altilon SMD LEDs for HL [≈H1] and HL [≈H3] types.

² Compared to the minimum legal standard for halogen bulbs.

³ Available on [Philips.com/LEDcompatibility-check](https://philips.com/LEDcompatibility-check). [make this a live link?]



LED retrofit and halogen bulbs differ from one another in terms of wattage, composition, and power consumption. Replacing halogen bulbs with other LEDs may, in some vehicles, cause issues such as flickering light. Philips Ultinon Pro9100 bulbs need no additional adapters⁴ to eliminate flickering in most cars. They work straight from the package with the vehicle's electrical system to provide a consistent light beam and color temperature.

The new Philips Ultinon Pro9100 headlight bulbs are compatible with both reflector and projector headlamps and deliver a safe and perfectly aligned light beam. They also work with 12V and 24V electrical systems, making them suitable for most vehicle types.

Enhanced lifetime and durability

Drivers want bright, stylish headlights but they don't want to keep replacing failed lamps. At a higher light-intensity level, LEDs last much longer than conventional bulbs.

"The Philips Ultinon Pro9100 is built to last. Thanks to features such as AirFlux+, AirBoost and AirCool⁵ heat-management systems, they last for up to 5,000 hours of operation⁶." added Jacques Le Berre.

IP-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, more consistent light throughout the journey.

Renowned quality and enhanced safety

Technologically advanced Philips Automotive Lighting is renowned in the automotive industry and has been for over 100 years. The 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 Ultinon Pro9100 LED range is available in the most common headlight bulb types, HL [≈H1], [≈H3], [≈H4], [≈H7], [≈H11], [≈HB3/HB4], [≈HIR2], and fog lights FL [≈H8/H11/H16].

The Philips Ultinon Pro9100 LED retrofit bulbs are non-ECE homologated for public roads and should be used off-road only. Drivers must comply with applicable local legal requirements.

To find out more, please visit: [Philips.com/Ultinon-Pro9100](https://www.philips.com/Ultinon-Pro9100)

⁴ In rare cases, an additional Philips Light Repair CANbus may be needed to eliminate flickering completely.

⁵ Visit [Philips.com/LED-bulbs](https://www.philips.com/LED-bulbs) for further details on LED bulb cooling systems.

⁶ Visit [Philips.com/AutomotiveSupport](https://www.philips.com/AutomotiveSupport) for further details on lifetime.



About Lumileds

Lumileds is a global leader in OEM and aftermarket automotive lighting and accessories, camera flash for mobile devices, MicroLED, and light sources for general illumination, horticulture, and human-centric lighting. Our approximately 7,000 employees operate in over 30 countries and partner with our customers to deliver never before possible solutions for lighting, safety, and well-being. To learn more about our company and solution portfolios, please visit <https://lumileds.com>.

As a leading lighting solutions company for the automotive industry, Lumileds is licensed to use the Philips brand for its automotive lighting and accessories product portfolio.

For further information, please contact:

Marine Carruelle

EMEA Marcom Manager Automotive Aftermarket

Lumileds

Tel: + 33 (0)7 87 94 57 16

E-mail: marine.carruelle@lumileds.com