

Next-Generation 4x6 LED Headlight

Premium retrofit or OEM upgrade for professional vehicles

The Sirion HL is Will-Burt's next-generation 4x6 LED headlight, engineered as a premium upgrade for replacing aging halogen units or integrating into new vehicle builds. Fully DOT / FMVSS 108 compliant and CISPR 25 Class 1 certified, it delivers advanced roadway illumination with uniform light distribution, no dark spots, and superior clarity compared to halogen and legacy LED options. Built with high-performance LED technology and a distinctive full-halo signature light, the Sirion HL enhances visibility, signaling, and safety in demanding environments. Designed for seamless retrofit compatibility, it drops directly into standard 4x6 housings to minimize installation time and vehicle downtime. Backed by Will-Burt's proven durability and long limited warranty, the Sirion HL sets a new benchmark for professional-grade headlight performance.

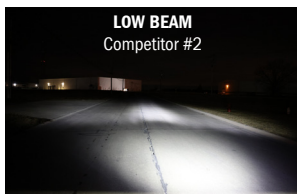
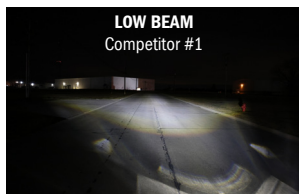
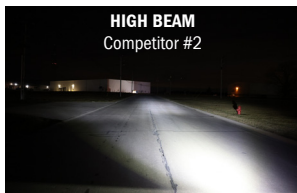
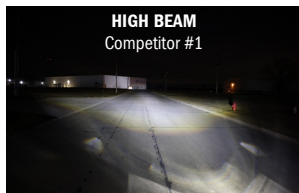


KEY BENEFITS

- Certified Performance
 - DOT / FMVSS 108 Compliant and CISPR 25 Class 1 Certified
- Engineered for Roadway Safety
 - Designed to enhance visibility and reduce risk in critical environments such as emergency response and construction zones
- Uniform Light Distribution
 - Casts a consistent, uninterrupted beam pattern that eliminates dim zones and uneven lighting
- Premium LED Technology
 - Utilizes high-quality LEDs for extended lifespan, energy efficiency, and optimal performance in all conditions
- No Dark Spots
 - Advanced optics virtually eliminate shadowing and blind areas, ensuring full-spectrum illumination
- Superior to Halogen and Legacy LEDs
 - Outperforms traditional halogen and poorly designed LED headlights in clarity, brightness, and beam consistency
- Full-Halo Signature Light
 - Surrounds the entire lamp with a distinctive ring that supports wig-wag functionality for enhanced visibility and signaling
- Optimized for Retrofit Integration
 - Engineered to seamlessly replace 4x6 inch halogen fixtures, reducing installation complexity and minimizing vehicle downtime
- Lifetime warranty* for Fire Apparatus or 5-years for all other vehicles and markets
- Backed by Will-Burt's commitment to durability and reliability in demanding field applications

STANDARDIZED TESTING:

High beam and low beam mounted at 34" from ground. Same camera setting and position used for each photo.



SPECIFICATIONS

| | |
|-----------------------|---|
| Raw Lumens (lm) | High+Low+HPL: 4,500 High+HPL: 2,700 |
| Beam Modes | High/Low Halo Park Lamp High Only |
| Dimensions (in. / mm) | 6.55 x 4.19 x 3.01 / 167 x 107 x 77 |
| Weight (lb. / g) | 1.98 / 896 |
| Wattage | High/Low: 45W High, 27W Low, 6.4W HPL High only: 27W High, 6.4W HPL |
| Input Voltage | 9-32V DC |
| EMC Approval | CISPR 25 Class 1 / CE |
| Water-Proof Rating | IP69K |
| Vibration | Sirion HL was validated using random vibration testing method for road vehicles |
| Warranty* | Lifetime for Fire Apparatus / 5-years for all other vehicles and markets |

*Limited lifetime warranty when used on fire apparatus with registered public safety agency. See manual for details.