Cree® XSP Series
XSP™ LED Street/Area Luminaire

Outstanding Performance
Capable of reducing energy usage by 60% compared to traditional light source technologies, the XSP Series couples high efficiency with improved light quality to help make neighborhoods safer without wasting resources.

Unbeatable Value
Engineered to optimize both illumination and economic performance in roadway lighting, the XSP Series is an affordable LED solution that delivers unbeatable value to the street light market.

Exceptional Reliability
Built in our state-of-the-art ISO9001 facility, the XSP Series is designed to provide more than a decade of near-maintenance-free service. And it’s backed by our industry-leading 10-year limited warranty.

Easy Installation
With a lightweight body, tool-less entry and quick connection features, the XSP Series can be reliably installed in a few short minutes. This means less disruption to drivers and residences as well as reduced safety risks for installers.

YOU'LL WANT TO GET THIS SHOW ON THE ROAD

XSP Small
XSP Medium
XSP Large
THE SHAPE YOU KNOW WITH THE PERFORMANCE YOU NEED.

The Cree® XSP Series LED street and area luminaires share the same cobra-head style housing you’ve seen for years, but delivers up to 23,800 lumens with incredible efficiency and illumination performance you need. In addition to substantial energy and maintenance savings, the XSP Series achieves better optical control with the NanoOptic® Precision Delivery Grid™ optic over incumbent street lighting solutions from — up to 400W.

PERFORMANCE SUMMARY

- Utilizes NanoOptic® Precision Delivery Grid™ optic
- **Efficacy:** Up to 129 LPW
- **Initial Delivered Lumens:** Up to 23,800 lumens
- **CCT:** 2700K, 3000K, 4000K, 5000K, 5700K
- **Color Rendering Index (CRI):** Minimum 70 CRI
- **Input Voltage:** 120-277V or 347-480V, 50/60Hz
- **Limited Warranty:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish*

Assembled in the U.S.A. of U.S. and imported parts

APPLICATIONS

- **Residential Street Lighting**
  - With NanoOptic® Precision Delivery Grid™ optics, the XSP Series delivers light only where it’s needed. With a range of CCTs, the XSP Small luminaire efficiently delivers warm or cool uniform light away from windows and back on the streets for safer-feeling communities.

- **Collector Roads**
  - Driving in a busy commercial area can be stressful. The XSP Medium luminaire ensures that you have the visibility needed to see a pedestrian in the crosswalk and an open parking spot! Plus, energy consumption is reduced up to 60% compared to HPS technologies.

- **Major Roads & Highways**
  - Virtually maintenance-free, the XSP Large LED Street Luminaire is designed to last 100,000 hours. Now, maintenance crews can focus on more important projects, rather than replacing burnt out lamps.

- **Area Lighting**
  - Upgrade municipal lighting for walkways, parking structures, and around the site. Not only will this help keep your operating and maintenance budget in check, it will provide dramatically better visibility — making public areas safe and secure.

ORDERING INFORMATION

Example: XSPS-D-HT-2LG-5L-27K7-UL-SV-F

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<th>Product</th>
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<th>Optic</th>
<th>Lumen Package</th>
<th>CCT/CRI</th>
<th>Voltage</th>
<th>Color*</th>
<th>Utility Label/Receptacle</th>
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* See lighting.cree.com/warranty for warranty terms. Product specifications subject to change at any time. Visit lighting.cree.com to find the most up-to-date information.

† Options vary by size. Please consult spec sheet for specific configurations.

Visit lighting.cree.com or contact a Cree lighting representative to learn more

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