

# Cree® XSP High Output Series

XSP High Output LED Street/Area Luminaire



## CREE® XSP SERIES HIGH OUTPUT: YOU'LL WANT TO GET THIS SHOW ON THE ROAD.

### Better LPW, Same Great Performance

Efficiency gains of up to 25% over existing XSP Series fixtures mean greater energy savings—and even faster payback.

### Better Function, with the Same Form

High Output comes to our popular cobra-head luminaires for increased street, roadway and area applications. A wider range of lumens, more LPW, and a full range of optics and CCT add up to a quicker route to replacing high pressure sodium and metal halide technologies—from 70W to 250W.

### Easy Does It!

Easy design, installation and operation make the XSP High Output Series the right choice for many applications. It features excellent backlight, uplight and glare control, an eye-friendly BUG rating, and a tough-as-nails DeltaGuard® finish—backed by our 10-year limited warranty.

**CREE** ™

## BRIGHTER PATH TO SAVINGS.

The Cree® XSP High Output Series LED street and area luminaires share the same cobra-head style housing as the XSP Series, but delivers up to 18,523 lumens with incredible efficiency and illumination performance you need. In addition to substantial energy and maintenance savings, the XSP High Output Series achieves better optical control with the NanoOptic® Precision Delivery Grid™ optic over incumbent street lighting solutions from 70W up to 250W.


PERFORMANCE SUMMARY
NanoOptic® Precision Delivery Grid™ optic
Made in the U.S.A. of U.S. and imported parts
<b>Initial Delivered Lumens:</b> 4,628 – 18,523
<b>Input Power:</b> 62-160W
<b>CRI:</b> Minimum 70 CRI
<b>CCT:</b> 4000K (+/- 300K); 5700K (+/- 500K)
<b>Input Voltage:</b> 120-277V; 347-480V (XSP2 HO)
<b>Limited Warranty:</b> 10 years on luminaire/10 years on Colorfast DeltaGuard® finish*

\* See [lighting.cree.com/warranty](http://lighting.cree.com/warranty) for warranty terms. Product specifications subject to change at any time. Visit [lighting.cree.com](http://lighting.cree.com) to find the most up-to-date information.

### CREE LED LIGHTING TECHNOLOGY

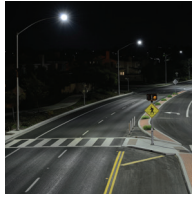


**NanoOptic® Technology**  
With patented NanoOptic® Technology available in multiple distributions, Cree® outdoor LED fixtures provide precise optical control for exceptional application performance and energy savings. The NanoOptic® refractor system offers superior light control with more lumens delivered in the target area, improved uniformity ratios and controlled high-angle brightness.

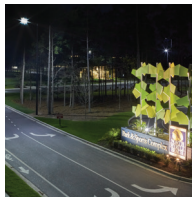


**Colorfast DeltaGuard® Finish**  
Cree's exclusive Colorfast DeltaGuard® Finish protects our LED outdoor fixtures without compromise. Immersive conditioning across 18 stages delivers an e-coat epoxy primer with an ultra-durable powder topcoat, providing unmatched protection against corrosion, UV light, fading and weathering complete with a 10-year limited warranty.


### APPLICATIONS



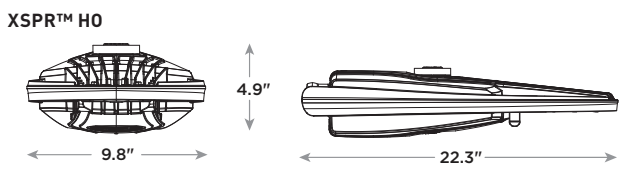
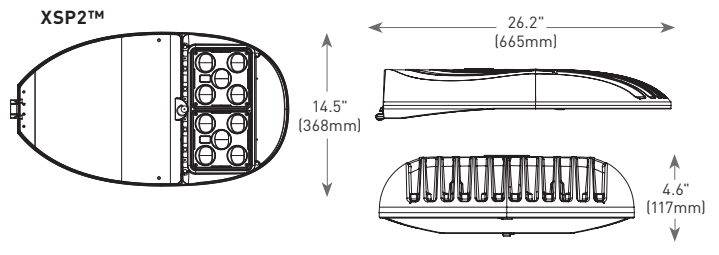
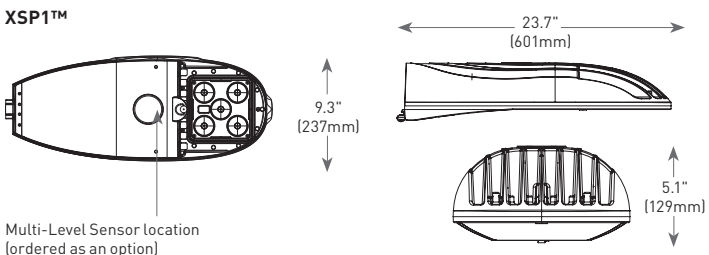
**Street/Roadway**  
Cree® LED luminaires contribute to a healthy bottom line by reducing energy consumption, maintenance costs and the carbon footprint while keeping pedestrians and vehicles visible and safe at night.



**Government & Municipal**  
Upgrade municipal lighting in streets, public buildings, walkways, parking structures, and common areas. 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.



**Area Parking**  
Security is a major concern in parking areas. And while we can't prevent crime from happening, we can ensure you have ample light where it's needed — discouraging potential criminals from stopping by.



Visit [www.lighting.cree.com](http://www.lighting.cree.com) or contact a Cree lighting representative to learn more  
[info@cree.com](mailto:info@cree.com) | 800.236.6800

© 2016 Cree, Inc. All rights reserved. For informational purposes only. Not a warranty or specification. See [lighting.cree.com/warranty](http://lighting.cree.com/warranty) for warranty and specifications. Cree®, NanoOptic®, and Colorfast DeltaGuard® are registered trademarks, and the Cree logo, Precision Delivery Grid™, XSP1™, XSP2™ and XSPR™ are trademarks of Cree, Inc. CAT/SSHT-C070 Rev. Date: 05/16/16

