

Cree® XSP Series

XSPR™ LED Street Light

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TRANSFORM RESIDENTIAL STREET LIGHTING WITH THE ECONOMICAL XSPR™ LUMINAIRE

Maximum Lighting Value

With three wattage choices, 25W, 42W and 54W, the XSPR luminaire is designed to replace 50W up to 100W and while consuming 50% lower energy as compared to HPS.

Application-Specific Optics

The XSPR luminaire is equipped with patented NanoOptic® technology to place more lumens in the target area and offered in three optical distributions — Type II Medium, Type II Long and Type III Medium.

Unparalleled Design

State-of-the-art flow-through heat sink technology delivers a decade of near maintenance-free performance as compared to traditional HPS while maintaining the traditional cobrahead design.

Hassle-Free Installation

Designed for residential street lighting applications, the XSPR LED street light features tool-less entry. Simplified mounting solutions: featuring the horizontal tenon which is adjustable +/-5° to allow for fixture leveling.

CREE  TM

LIGHTING THE PATH TO SAVINGS.

The Cree® XSPR™ LED street light uses over 50% less energy and is designed to affordably replace 50W and up to 100W High Pressure Sodium street lights found in many residential areas. With less time and money spent on street lights, you can redirect those resources to other community improvement projects.

PERFORMANCE SUMMARY

NanoOptic® Precision Delivery Grid™ optic

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

Delivered Light Output

2,722 Lumens, 25W; 4,109 lumens, 42W; 4,730 lumens, 54W
50,000 hours Calculated Lumen Maintenance Factor

Input Power: 25 W, 42W or 54W

CRI: Minimum 70 CRI (4000K & 5700K); 80 CRI (3000K)

CCT: 3000K (+/- 300K); 4000K (+/- 300K); 5700K (+/- 500K)

Input Voltage: 120-277V

Limited Warranty: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish*

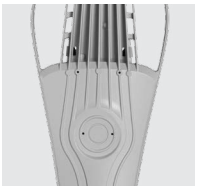
* See lighting.cree.com/warranty for warranty terms. Product specifications subject to change at any time. Visit lighting.cree.com to find the most up-to-date information.

CREE LED LIGHTING TECHNOLOGY



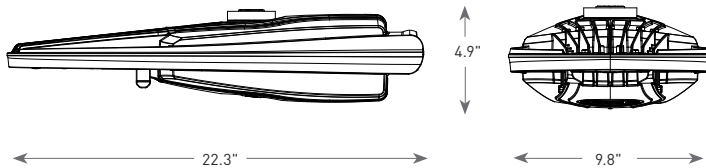
NanoOptic® Technology

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.

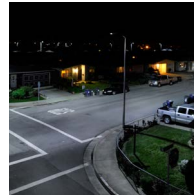


Colorfast DeltaGuard® Finish

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.

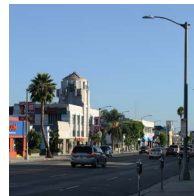


APPLICATIONS



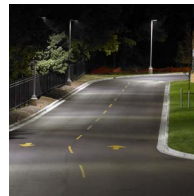
Residential Street Lighting

The XSPR™ luminaire has NanoOptic® Precision Delivery Grid™ optics that provide better optical control than traditional street lighting fixtures and efficiently delivers white uniform light for safer-feeling communities.



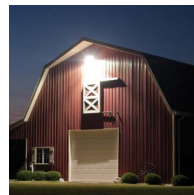
Street Lighting

Virtually maintenance-free, the XSPR™ 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.



Campus Street Lighting

The XSPR™ luminaire can help reduce energy consumption by more than 50% compared to HPS technologies, delivering significant cost savings over the life of the installation.



Residential Security

Security is a major concern in residential 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 or contact a Cree lighting representative to learn more
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