Cree® XSP Series

XSP™ LED Street/Area Luminaire

XSP Small **XSP Medium** **XSP Large**

YOU'LL WANT TO GET THIS SHOW ON THE ROAD

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.

CREE⬍®

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

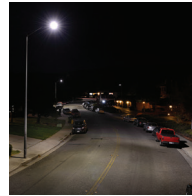**Limited Warranty:** 10 years on luminaire/10 years on Colorfast DeltaGuard® finish*

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

* 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.
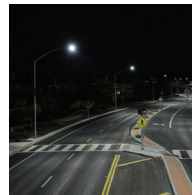
TRADITIONAL LIGHTING REPLACEMENTS

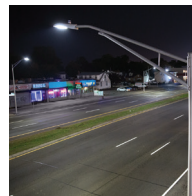| HID Lamps	XSP Series
70HPS/50HPS/70MH/100MV/35LPS	XSPSM 5L
100HPS/100MH/175MV/55LPS	XSPSM 5L
150HPS/175MH/250MV/90LPS	XSPSM 8L
200HPS/250MH/400MV/135LPS	XSPMD 12L
250HPS/320MH/180LPS	XSPLG 18L
400HPS/310HPS/400MH	XSPLG 24L

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: XSPSM-D-HT-2LG-5L-27K7-UL-SV-N

Product	Version	Mounting	Optic	Lumen Package	CCT/CRI	Voltage	Color*	Utility Label/Receptacle	Options†
XSPSM Small	**D**	**HT** Horizontal Tenon	**Asymmetric** **2LG** Type II Long **2ME** Type II Medium **3ME** Type III Medium **4ME** Type IV Medium	**5L** 5,000 Lumens **8L** 8,000 Lumens **12L** 12,000 Lumens **18L** 18,000 Lumens **24L** 24,000 Lumens	**27K7** 2700K/70CRI **30K7** 3000K/70CRI **40K7** 4000K/70CRI **50K7** 5000K/70CRI **57K7** 5700K/70CRI	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**N** Utility Label and NEMA® 7-Pin Photocell Receptacle	**F** Fuse **G** Small Four Bolt Mounting **J** Large Four Bolt Mounting **Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1** Field Adjustable Output **X8/X7/X6/X5/X4/X3/X2/X1** Locked Lumen Output
XSPMD Medium									
XSPLG Large									

* XSPSM only available in Silver
† Options vary by size. Please consult spec sheet for specific configurations.

Visit **lighting.cree.com** or contact a Cree lighting representative to learn more
info@cree.com | 800.236.6800

CREE