

Cree® XSP Series

XSP™ LED Street/Area Luminaire



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

Colour 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 cree.com/canada/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	Colour*	Utility Label/Receptacle	Options†
XSPSM Small	D	HT Horizontal Tenon	Asymmetric	5L 5,000 Lumens	27K7 2700K/70CRI	UL Universal 120-277V	BK Black	N Utility Label and NEMA® 7-Pin Photocell Receptacle	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			2LG	8L 8,000 Lumens	30K7 3000K/70CRI				
XSPLG Large			Type II Long	12L 12,000 Lumens	40K7 4000K/70CRI				
			2ME	18L 18,000 Lumens	50K7 5000K/70CRI				
	Type II Medium	24L 24,000 Lumens	57K7 5700K/70CRI						
	3ME	Type III Medium			UH Universal 347-480V	BZ Bronze			
	4ME	Type IV Medium				SV Silver			
						WH White			

* XSPSM only available in Silver

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

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

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