

In addition to a low initial cost, the XSPSM™ LED Street/Area luminaire maintains the familiar look of the traditional cobrahead design and delivers substantial energy savings while reducing maintenance time and costs. The hassle-free design of the XSP Small luminaire includes tool-less entry and +/- 5° fixture leveling for easy installation. Our NanoOptic® Precision Delivery Grid™ optic achieves better optical control than traditional street and area lighting fixtures and efficiently delivers white uniform light for safer-feeling communities.

Applications: Residential roads, collector roads, parking lots, and general area spaces

PERFORMANCE SUMMARY

NanoOptic® Precision Delivery Grid™ optic

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

Initial Delivered Lumens: Up to 7,775

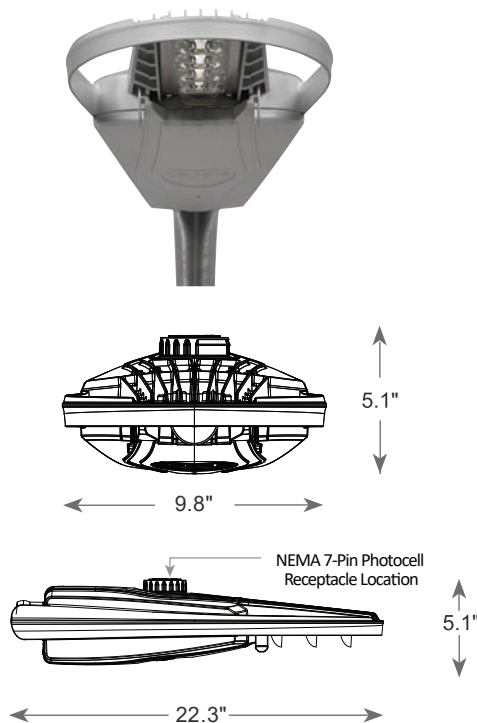
Efficacy: Up to 150 LPW

CRI: Minimum 70 CRI (3000K, 4000K asymmetric optics)

CCT: 3000K, 4000K

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

* See <http://lighting.cree.com/warranty> for warranty terms.



Weight: 11 lbs (5 kg)

OPTIONS

Product	Mounting	Optic	Input Power*	CCT	Voltage	Color Options	Options
XSPSM	HT Horizontal Tenon	2LG Type II Long 3ME Type III Medium	Up to 70W	30K 3000K 40K 4000K	DC	SV Silver	Powered by EverGen EMS

* Please refer to System Overview page for your exact fixture specifications.



PRODUCT SPECIFICATIONS

Construction and Materials

- Die cast aluminum housing
- Tool-less entry
- Mounts on 1.25" (32mm) IP, 1.66" (42mm) O.D. or 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable +/- 5° to allow for fixture leveling (includes two axis T-level to aid in leveling)
- Luminaire secures with two mounting bolts standard
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation, and abrasion.
- Weight: 11 lbs (5 kg)

Electrical System

- **Input Voltage:** 12VDC

Regulatory and Voluntary Qualifications

- cULus listed
- Suitable for wet locations
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- Meets CALTrans 611 Vibration testing
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- RoHS compliant. Consult factor for additional details

LUMINAIRE EPA

Horizontal Tenon Mount – Weight: 18 lbs (8 kg)

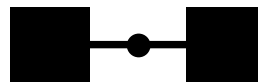
Single

2 @ 180°

Tenon Configuration If used with Cree tenons, please add tenon EPA with luminaire EPA



PD-1H4; PT-1H
0.57



PD-2H4 (180); PT-2H (180)
1.14

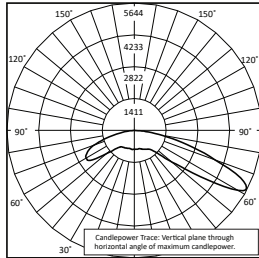
Specifications subject to local environmental conditions.
Specifications may be subject to change.
US and International patents apply. Other patents pending.
"Sol" logo is a trademark of Sunna Design.

All Sol products are manufactured in facilities that are certified to ISO quality standards.
Document: SPEC_SOL-Sunna_XSPSM_RevA

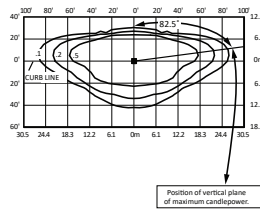
PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: <https://www.creelighting.com/products/outdoor/street-and-roadway/xsp-series>

2LG



RESTL Test Report #: PL12486-001B
XSPSM-D--2LG-5L-40K7-UL-**-N**
Initial Delivered Lumens: 5,168



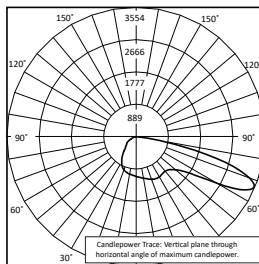
XSPSM-D--2LG-5L-40K7-UL-**-N**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 5,200
Initial FC at grade

Type II Long Distribution

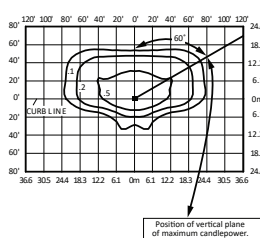
3000K	4000K
Initial Delivered Lumens*	Initial Delivered Lumens*
Up to 7,575	Up to 7,775
BUG Ratings** Per TM-15-11	BUG Ratings** Per TM-15-11
B2 U0 G2	B2 U0 G2

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating, visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt

3ME



RESTL Test Report #: PL12484-001B
XSPSM-D--3ME-5L-40K7-UL-**-N**
Initial Delivered Lumens: 5,145



XSPSM-D--3ME-5L-40K7-UL-**-N**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 5,200
Initial FC at grade

Type III Medium Distribution

3000K	4000K
Initial Delivered Lumens*	Initial Delivered Lumens*
Up to 7,575	Up to 7,775
BUG Ratings** Per TM-15-11	BUG Ratings** Per TM-15-11
B2 U0 G1	B2 U0 G2

* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating, visit: www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf. Valid with no tilt