

In addition to a low initial cost, the XSPR™ High Output 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 XSPR™ High Output 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:** Roadway, parking lots, walkways, 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 8,500

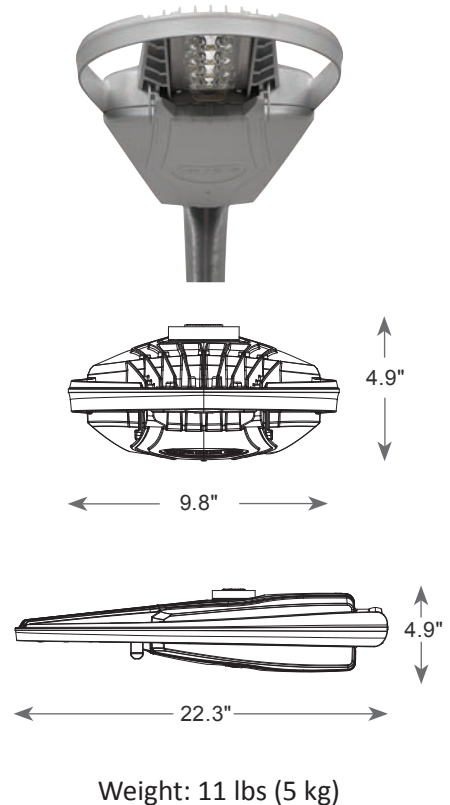
**Efficacy:** Up to 108 LPW

**CRI:** Minimum 70 CRI (4000K and 5700K; 3000K asymmetric optics); 80 CRI (3000K symmetric optics)

**CCT:** 4000K (+/- 300K)

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

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



### ORDERING INFORMATION

Example: BXSPR-HO-HT-2LG-40K-SL-SV

BXSPR-HO	HT				UL		
Product	Mounting	Optic	Input Power*	CCT	Voltage	Color Options	Options
BXSPR-HO	HT Horizontal Tenon	2LG Type II Long 3ME Type III Medium	Up to 80W	40K 4000K	DC	SV Silver	Powered by EverGen EMS

\* Refer to Electrical Data table for system watts.

NOTE: Price adder may apply depending on configuration.



## 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)

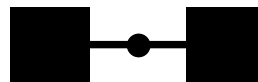
Single

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

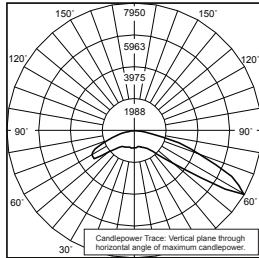
Specifications subject to local environmental conditions.  
Specifications may be subject to change.  
US and International patents apply. Other patents pending.  
"Sol" logo is a trademark of Sunna Design.

All Sol products are manufactured in facilities that are certified to ISO quality standards.  
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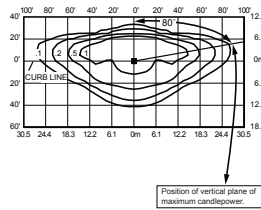
## PHOTOMETRY

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: <http://lighting.cree.com/products/outdoor/street-and-roadway-xsp-series-1>

### 2LG



**RESTL Test Report #:** PL07612-001B  
**BXSPR-HO-\*\*-2LG-60W-40K-UL**  
**Initial Delivered Lumens:** 6,558



**BXSPR-HO-\*\*-2LG-60W-40K-UL**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 6,286  
**Initial FC at grade**

#### Type II Long Distribution

4000K

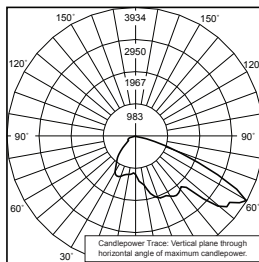
Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
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Up to 8,326	B2 U0 G2
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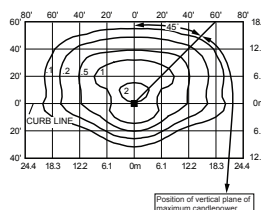
\* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens

\*\* For more information on the IES BUG (Backlight-Uplight-Glare) Rating, visit: [www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

### 3ME



**RESTL Test Report #:** PL07610-001A  
**BXSPR-HO-\*\*-3ME-60W-40K-UL**  
**Initial Delivered Lumens:** 6,442



**BXSPR-HO-\*\*-3ME-60W-40K-UL**  
**Mounting Height:** 25' (7.6m) A.F.G.  
**Initial Delivered Lumens:** 6,286  
**Initial FC at grade**

#### Type II Long Distribution

4000K

Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
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Up to 8,326	B2 U0 G1
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\* 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](http://www.ies.org/PDF/Erratas/TM-15-11BugRatingsAddendum.pdf). Valid with no tilt

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