

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

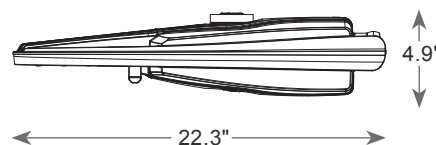
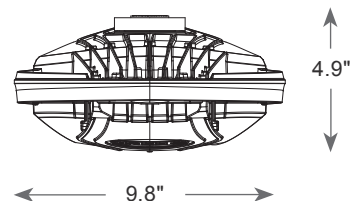
Made in the U.S.A. of U.S. and imported parts

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

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

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)

ORDERING INFORMATION

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

BXSPR	B	HT		A		UL		
Product	Version	Mounting	Optic	Input Power*	CCT	Voltage	Color Options	Options
BXSPR	B	HT Horizontal Tenon	2LG Type II Long 3ME Type III Medium	Up to 54W	40K 4000K 57K 5700K	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
- DLC qualified when ordered with 2LG or 3ME optics. Exceptions apply when N-Q9 option is ordered. Please refer to www.designlights.org/QPL for most current information
- RoHS compliant. Consult factor for additional details

LUMINAIRE EPA

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

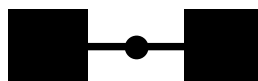
Single

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.

"Carmanah" and "Sol" logo are trademarks of Carmanah Technologies Corp.

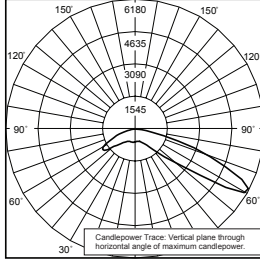
All Carmanah products are manufactured in facilities that are certified to ISO quality standards.

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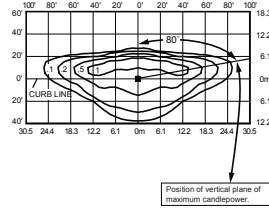
PHOTOMETRY

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 #: PL04294-001
BXSPR-B-2LG-A-30K-UL**
Initial Delivered Lumens: 3,962



BXSPR-B-2LG-A-30K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 3,999
Initial FC at grade

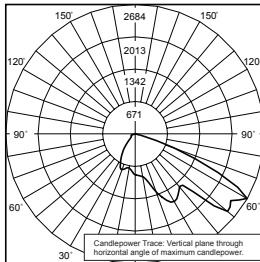
Type II Long Distribution

4000K		5700K	
Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
Up to 4,615	B1 U0 G1	Up to 4,695	B2 U0 G1

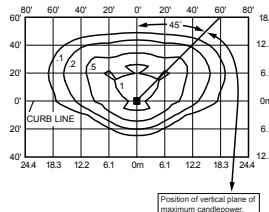
* Initial delivered lumens at 25° C (77° F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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 #: PL04395-001
BXSPR-B-3ME-A-30K-UL**
Initial Delivered Lumens: 3,916



BXSPR-B-3ME-A-30K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 3,295
Initial FC at grade

Type III Medium Distribution

4000K		5700K	
Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
Up to 4,564	B1 U0 G1	Up to 4,644	B1 U0 G1

* 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

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