

5+46+27" E
54.39'
46+27" E
N64°13'33" E
23.00'

N RESTRICTION LINE
49.23'
25.22'
25.22'

Qty	Label	Arr.	Watts	Arrangement	SLP	Description
1	MS1	20	2111	RTM24	0.900	MS-240-4500-90-142-90W-120V-50/60
1	MS2	20	1083	RTM24	0.900	MS-240-4500-90-142-90W-120V-50/60
4	MS3	135		RTM24	0.900	MS-240-4500-90-142-90W-120V-50/60
5	MS4	270		RTM24	0.900	MS-240-4500-90-142-90W-120V-50/60
10	MS5	10		RTM24	0.900	MS-240-4500-90-142-90W-120V-50/60

Label	Unit	Avg	Max	Min	Avg/Max	Max/Min
Site	Ft	0.68	30.9	0.0	W.A.	W.A.

Project:
David Clark - Site

Contact:
Taylor Hachey
Specification Sales
(781) 272-2300 X222
thachey@omnilite.com

Detail: Photometric Calculation
Date: 11/05/2024
Revision: ---
Scale: 1" = 30'-0"
Drawn By: SHJ

illuminate
263 Winn Street
Burlington, MA 01803
(781) 935-8500
333 Pleasant Valley Road
South Windsor, CT 06074
(860) 282-0597

Drawing Number:
L-1

Sheet 1 of 1

OWP-FC-211-LED

LED Medium Full Cut-Off Wall Pack Series with Multi Lumen Multi CCT

up to 70 Wattage / up to 10000 Lumens

Catalog Number:	
Project Name:	
Note:	Type:



**EASY 3 COLORS
SELECTOR**
3000K • 4000K • 5000K

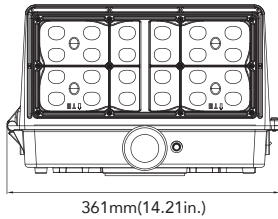
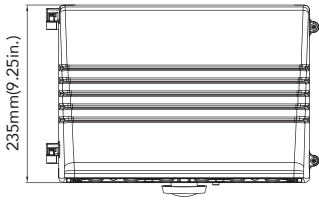
APPLICATIONS:

This rugged medium size full cut-off LED wall pack provides long lasting, energy efficient lighting with a variety of options to customize fixture performance to the required task. Easily mounts to building and is ideal for industrial, educational, multi-family, institutional, and government applications.

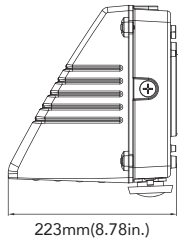
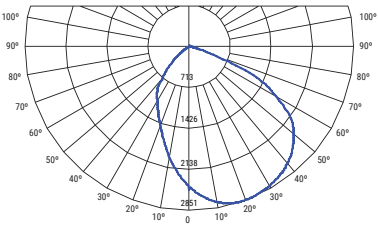
FEATURES:

- Full cut-off and compliance to Dark Sky requirement
- Lumen output from 4000 - 10000lm with efficacy up to 150lm/W
- 28W-70W power consumption, to replace 100W MH and 175W MH
- Optional Motion sensor and Photocell
- Optional battery back-up option for emergency egress lighting
- Type III polycarbonate optical lens with integrated lens
- Operating temperature is -40°C to 50°C (-40°F to 122°F)
- Dimmable
- UL/cUL wet location

DIMENSION:



PHOTOMETRICS:



SPECIFICATIONS:

LUMENS	4000/6000/8000/10000 lumens
WATTAGE	28W/42W/56W/70W
CCT	30K/40K/50K
CRI	80
LIGHT EFFICIENCY	150 lumens/watt
VOLTAGE	120-277 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	-40°C to 50°C

B	U	G
2	1	1



Ordering Guide > Example: **OWP-FC-211-LED-4000/6000/8000/10000L-DIM10-MVOLT-30K/40K/50K-BZ**

OWP-FC-211-LED							
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	EMERGENCY	ACCESSORIES
OWP-FC-211-LED	4000/6000/8000/10000 L	DIM10 - 0-10V Dimming	MVOLT - 120-277V	30K/40K/50K	BZ - Bronze	O-EMG-LED	WPPHC - Photocell WPMS - Motion Sensor FSP211 - High/Low PIR Fixture Mount Sensor Line Voltage

* For more options, consult factory

DATE:	PROJECT:	TYPE:
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CATALOG NUMBER LOGIC:



Anchor kit may be shipped ahead upon request.

*120V only

CATALOG NUMBER LOGIC

Example: UO - 42 - LED - x139 - 1 - BLP - RE1 - INC - MT

MATERIAL

Aluminum

SERIES

UO - Union Bollard

OVERALL HEIGHT

42"

SOURCE

LED - Chip on Board Technology

LED TYPE

x138 - 20W LED/2700K/80CRI

x139 - 20W LED/3000K/80CRI

x140 - 20W LED/3500K/80CRI

x141 - 20W LED/4000K/80CRI

TYPE II OPTIC ORIENTATION

1 - Wide Throw

2 - Forward Throw

FINISH (See page 2 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

RECEPTACLE

(Blank) - No Receptacle

RE1 - GFCI Receptacle 20A

RE2 - Receptacle w/ 1 USB-A and 1 USB-C Port

RE3 - Receptacle w/ RJ45 Jack

CONTROL TYPE

ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)*

INC - Dimming Driver (For use with Incandescent Dimmer)*

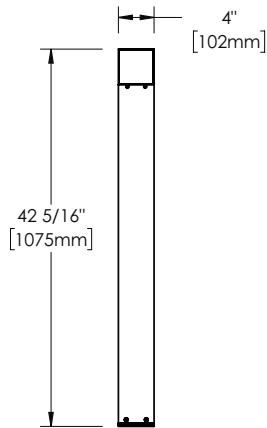
010 - Dimming Driver (For use with 0-10 Dimmer, 1-100% Dimming)

INPUT VOLTAGE

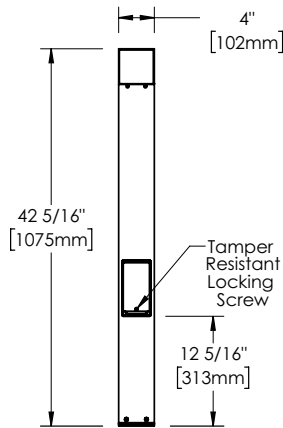
MT - 120-277 VAC Input

DATE: _____ PROJECT: _____ TYPE: _____

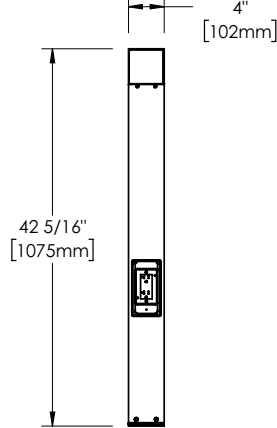
(Shown with No Receptacle)



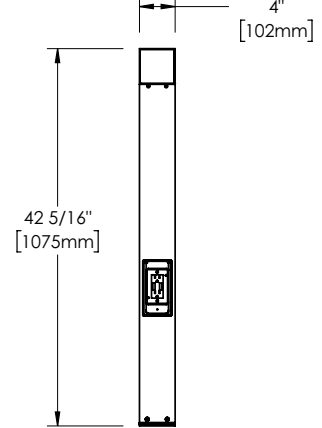
(Shown with Receptacle Option)



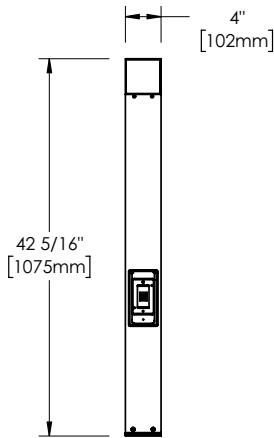
(RE1 Shown with Duplex-GFCI)



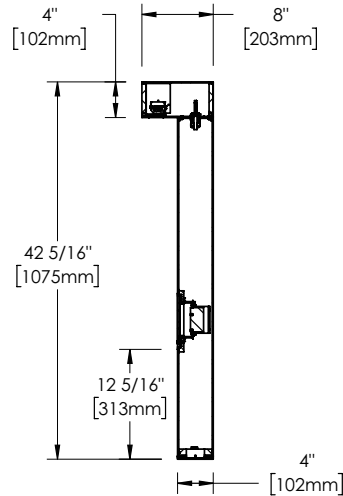
(RE2 Shown with Duplex-Dual with USB)



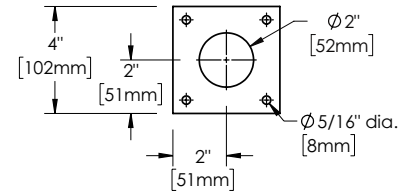
(RE3 Shown with RJ45)



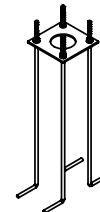
SIDE VIEW



STANDARD ANCHOR BASE MOUNTING



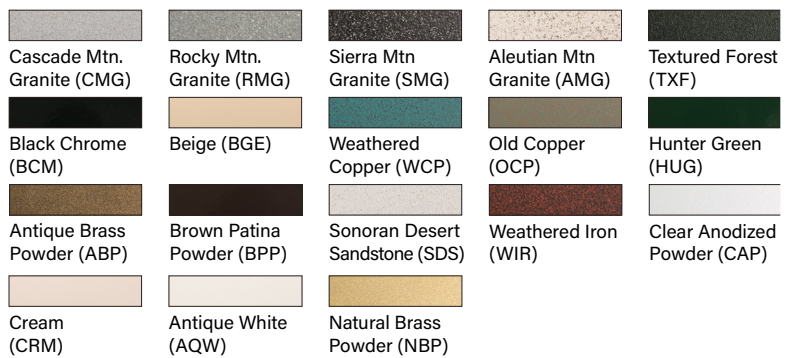
ANCHOR KIT



STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

DATE:	PROJECT:	TYPE:
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ACCESSORIES (Configure separately)

SPECIFICATIONS

ELECTRICAL	WATTAGE	20W LED
	WIRING	Fixture factory pre-wired with SE00W;16/3GA;105C (INC/ELV) / SJTOW;16/5GA;105C (0-10) / RE1 & RE2 - 12GA, Solid Copper Wire, PVC Coated, 90C, 600V.
	DRIVER	500mA, Class A, constant current integral driver. 120 & 277 VAC (nominal) primary input voltage. 50/60Hz. >0.9 Power Factor, ≤20%THD (nominal at 120VAC full load.) Output over-voltage, over-current, and short circuit protection with auto recovery. Dimming driver for use with 0-10V, Incandescent, Standard TRIAC, or ELV dimmers. 1-100% range. *INC/ELV dimming at 120VAC only.
PHYSICAL	MATERIALS	Furnished in Copper-Free Aluminum (Type 6061-T6)
	HOUSING	4x4x1/8" wall extruded copper-free aluminum (6061-T6)
	LENS	Shock-resistant, tempered glass lens is factory adhered to fixture and provides liquid tight sealed fixture housing.
	LED	Integrated solid state system and modular design with electrical disconnects allow for easy field upgrade and maintenance. LM-80 certified. Minimum 50,000 hour rated life at 70% of initial lumens (L70). LED technology provides long life, significant energy reduction and exceptional thermal management.
	IN-USE COVER	Furnished in copper-free aluminum (6061-T6).
	RE1 - RECEPTACLE 20A	20 Amp, 125 Volt, NEMA 5-20R, 2P, 3W Duplex Receptacle.
	RE2 - RECEPTACLE W/ 1 USB-A AND 1 USB-C PORT	Combination Ports, One Type A, One Type C, Weather and Tamper Resistant 15A/125V Duplex, 5 Amp, 5 Volts USB Ports.
	RE3 - RECEPTACLE W/ RJ45 JACK	Receptacle with RJ45 Jack. Punch down tool required (by others).
	INSTALLATION	4"x4" black anodized aluminum base with galvanized steel anchor plate and 18" steel threaded rods. For use in poured concrete footing.
	HARDWARE	Tamper-resistant, stainless steel hardware.
WARRANTY	5 year limited warranty.	
CERTIFICATION AND LISTING	UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. ADA compliant receptacle. RoHS compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. IP66 Rated. Made in USA.	



LAMP & DRIVER DATA (INTEGRAL DRIVER)

DATE: _____ PROJECT: _____ TYPE: _____

LM79 DATA				OPTICAL DATA					
BK No.	CCT (Typ.)	CRI (Typ.)	Fixture Watts	L70 Data	Accessory/Optic	Roadway Class	BUG	Del. Lumens	
x138	2700	80	20	50,000	2	Type II Short	B0 U1 G0	784	0.97
x139	3000	80	20	50,000	2	Type II Short	B0 U1 G0	871	1.08
x140	3500	80	20	50,000	2	Type II Short	B0 U1 G0	898	1.12
x141	4000	80	20	50,000	2	Type II Short	B0 U1 G0	805	
x138	2700	80	20	50,000	1	Type II Short	B0 U1 G0	1128	0.97
x139	3000	80	20	50,000	1	Type II Short	B0 U1 G0	1252	1.08
x140	3500	80	20	50,000	1	Type II Short	B0 U1 G0	1292	1.12
x141	4000	80	20	50,000	1	Type II Short	B0 U1 G0	1158	

XSP Series

XSP2™ LED Street/Area Luminaire – Double Module – Version C

Product Description

Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings and reduced maintenance, Cree achieves greater optical control with our NanoOptic® Precision Delivery Grid™ optic when compared to traditional cobra head luminaires. The XSP Series is the better alternative for traditional street and area lighting with quick payback and improved performance.

Applications: Roadway, parking lots, walkways and general area spaces

Performance Summary

NanoOptic® Precision Delivery Grid™ optic

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

CRI: Minimum 70 CRI

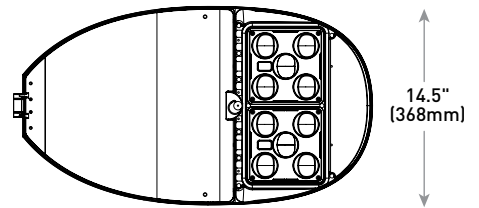
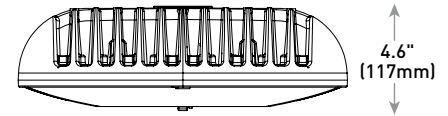
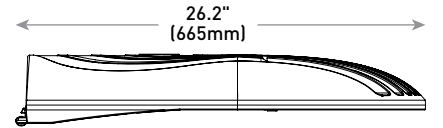
CCT: 3000K (+/- 300K); 4000K (+/- 300K); 5700K (+/- 500K)

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

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

Accessories

Field-Installed	
Backlight Control Shield XA-SP2BLS - Provides 1/2 mounting height cutoff	Bird Spikes XA-SP2BRDSPK



Weight

24 lbs. (11kg)

Ordering Information

Example: BXSP-C-HT-2ME-F-30K-UL-SV

BXSP	C	HT		F					
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options	
BXSP	C	HT Horizontal Tenon	2LG* Type II Long 2ME* Type II Medium 3ME* Type III Medium 4ME* Type IV Medium	F 139W	30K 3000K 40K 4000K 57K 5700K	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	G Small Four Point Mounting - Mounts to 1.25" [32mm] IP, 1.66" [42mm] O.D. horizontal tenon J Large Four Point Mounting - Mounts to 2" [51mm] IP, 2.375" [60mm] O.D. horizontal tenon N-Q9/Q8/Q7/Q6/Q5/Q4 Utility Label, NEMA® 7-Pin Photocell Receptacle & Field Adjustable Output - Must select Q9, Q8, Q7, Q6, Q5 or Q4 - Settings Q3-Q1 are not available with N option - External wattage label per ANSI C136.15 based on Q setting selected - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others - Power/lumens may only be adjusted down in the field - Refer to page 6 for power and lumen values	Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 - Power/lumens are fully adjustable in the field - Refer to page 6 for power and lumen values R NEMA® 7-Pin Photocell Receptacle - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others UTL Utility Label - Includes exterior wattage label per ANSI C136.15 that indicates the maximum available wattage of the luminaire

* Available with Backlight Shield when ordered with field-installed accessory (see table above)



US: lighting.cree.com

T (800) 236-6800 F (262) 504-5415

Rev. Date: V7 10/05/2018

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & 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; optional four point mounting available
- 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. Black, bronze, silver and white are available
- **Weight:** 24 lbs. (11kg)

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Class 1 driver
- Integral 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Designed with 0-10V dimming capabilities. Controls by others
- **10V Source Current:** 0.15mA

REGULATORY & 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 factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT. Please refer to <http://darksky.org/fsa/fsa-products/> for most current information
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Electrical Data*								
Input Power Designator	System Watts 120-277V	System Watts 347-480V	Total Current (A)					
			120V	208V	240V	277V	347V	480V
F	139	135	1.22	0.68	0.59	0.52	0.40	0.29

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

XSP Series Version C Ambient Adjusted Lumen Maintenance ¹					
Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
5°C (41°F)	1.04	1.02	1.01	1.00	0.99
10°C (50°F)	1.03	1.01	1.00	0.99	0.98
15°C (59°F)	1.02	1.00	0.99	0.98	0.97
20°C (68°F)	1.01	0.99	0.98	0.97	0.96
25°C (77°F)	1.00	0.98	0.97	0.96	0.95

¹Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors

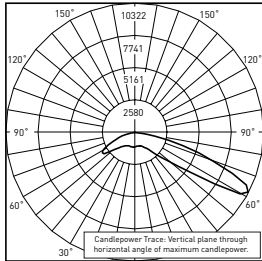
²In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip

³In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip

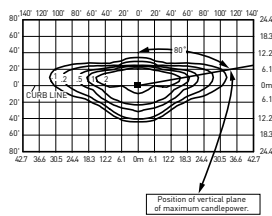
Photometry

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



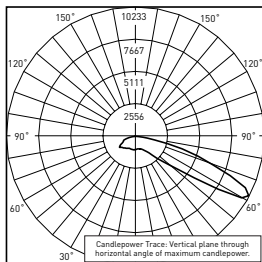
CESTL Test Report #: PL04154-001
BXSP-C-2LG-E-30K-UL**
Initial Delivered Lumens: 6,944



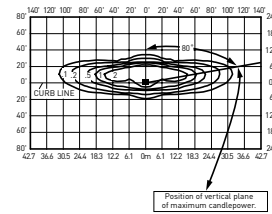
BXSP-C-2LG-F-30K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,134
Initial FC at grade

Type II Long Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,134	B2 U0 G2	13,583	B3 U0 G3	14,251	B3 U0 G3

* 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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



CESTL Test Report #: PL04155-001
BXSP-C-2LG-E-30K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 5,302

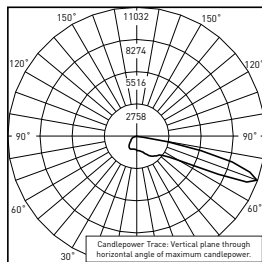


BXSP-C-2LG-F-30K-UL w/XA-SP2BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,197
Initial FC at grade

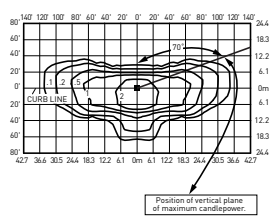
Type II Long w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	8,197	B1 U0 G2	10,001	B2 U0 G2	10,493	B2 U0 G2

* 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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

2ME



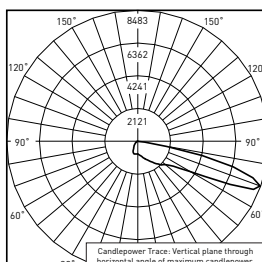
RESTL Test Report #: PL10389-001A
BXSP-C-2ME-E-40K-UL**
Initial Delivered Lumens: 8,740



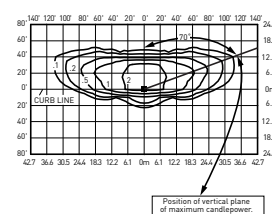
BXSP-C-2ME-F-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,732
Initial FC at grade

Type II Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,256	B2 U0 G2	13,732	B2 U0 G2	14,408	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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



RESTL Test Report #: PL10389-002A
BXSP-C-2ME-E-40K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 6,759



BXSP-C-2ME-F-40K-UL w/XA-SP2BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,643
Initial FC at grade

Type II Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	9,543	B1 U0 G2	11,643	B1 U0 G2	12,215	B1 U0 G2

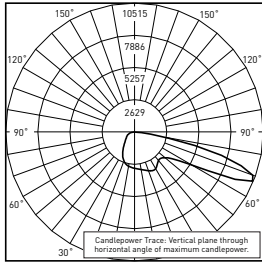
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



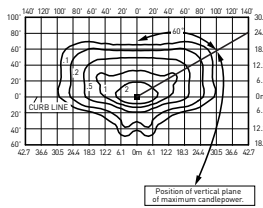
Photometry

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>

3ME



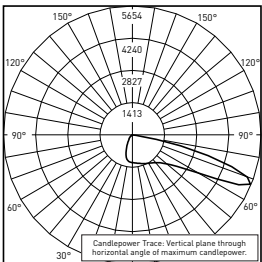
RESTL Test Report #: PL10532-001A
BXSP-C--3ME-F-40K-UL**
Initial Delivered Lumens: 13,408



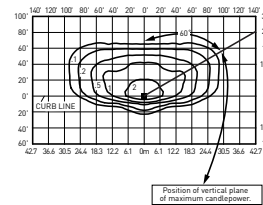
BXSP-C--3ME-F-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 13,434
 Initial FC at grade

Type III Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,011	B2 U0 G2	13,434	B2 U0 G3	14,095	B2 U0 G3

* 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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



RESTL Test Report #: PL10388-002A
BXSP-C--3ME-E-40K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 6,086

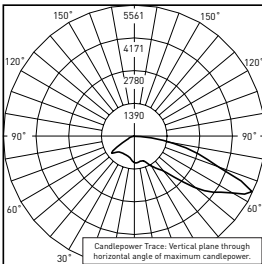


BXSP-C--3ME-E-40K-UL w/XA-SP2BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,195
 Initial FC at grade

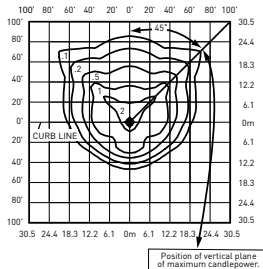
Type III Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	9,176	B1 U0 G2	11,195	B2 U0 G2	11,746	B2 U0 G2

* 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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

4ME



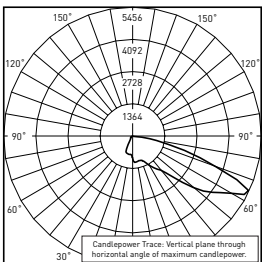
CESTL Test Report #: PL04091-001
BXSP-C--4ME-E-30K-UL**
Initial Delivered Lumens: 6,923



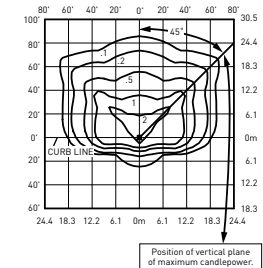
BXSP-C--4ME-F-30K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,134
 Initial FC at grade

Type IV Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	11,134	B2 U0 G2	13,583	B3 U0 G3	14,251	B3 U0 G3

* 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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



CESTL Test Report #: PL04092-001
BXSP-C--4ME-E-30K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 5,530








BXSP-C--4ME-F-30K-UL w/XA-SP2BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,687
 Initial FC at grade

Type IV Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
F	8,687	B1 U0 G2	10,598	B2 U0 G2	11,119	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: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



Luminaire EPA

Horizontal Tenon Mount – Weight: 24 lbs. (11kg)				
Single	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
Tenon Configuration If used with Cree tenons, please add tenon EPA with luminaire EPA				
				
PD-1H4; PT-1H	PD-2H4(90); PT-2H(90)	PD-2H4(180); PT-2H(180)	PD-3H4(90); PT-3H(90)	PD-4H4(90); PT-4H(90)
0.69	1.14	1.38	1.83	2.28

Tenon EPA

Part Number	EPA
PD Series Tenons	0.09
PT Series Tenons	0.10
WM-2L	0.13
XA-TMDA8	0.19

Tenons and Brackets* (must specify color)	
<p>Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-1H4 – Single PD-3H4(90) – 90° Triple PD-2H4(90) – 90° Twin PD-4H4(90) – 90° Quad PD-2H4(180) – 180° Twin</p>	<p>Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons - Mounts to 3" (76mm), 5" (127mm), or 6" (152mm) square pole with PB-1A* tenon PT-1H – Single PT-3H(90) – 90° Triple PT-2H(90) – 90° Twin PT-4H(90) – 90° Quad PT-2H(180) – 180° Twin</p>
<p>Wall Mount Brackets - Mounts to wall or roof WM-2L – Extended Horizontal</p>	<p>Direct Arm Pole Adaptor Bracket - Mounts to 3-6" (76-152mm) round or square aluminum or steel poles XA-TMDA8</p>

* Refer to the [Bracket and Tenons spec sheet](#) for more details

* Specify pole size: 3 (3"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 5 (5") or 6 (6") for quad luminaire orientation

Field Adjustable Output (Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1) Option Description:

The Field Adjustable Output option enables luminaires within the XSP Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When a setting other than Q9 is specified with the N option, that setting becomes the maximum wattage of the luminaire, and a NEMA label reflecting this wattage is affixed to the luminaire. Lumen output and power consumption can only be adjusted downward from the maximum wattage.

Q Option Power & Lumen Data

Q Option Setting	CCT	System Watts†		Lumen Values							
		120-277V	347-480V	2LG	2ME	3ME	4ME	2LG w/BLS	2ME w/BLS	3ME w/BLS	4ME w/BLS
9	30K	139	135	11,134	11,256	11,011	11,134	8,197	9,543	9,176	8,687
	40K			13,583	13,732	13,434	13,583	10,001	11,643	11,195	10,598
	57K			14,251	14,408	14,095	14,251	10,493	12,215	11,746	11,119
8	30K	137	131	10,800	10,918	10,681	10,800	7,951	9,257	8,901	8,426
	40K			13,176	13,320	13,031	13,176	9,701	11,294	10,859	10,280
	57K			13,823	13,976	13,672	13,823	10,178	11,849	11,394	10,785
7	30K	127	124	10,466	10,581	10,350	10,466	7,705	8,970	8,625	8,166
	40K			12,768	12,908	12,628	12,768	9,401	10,944	10,523	9,962
	57K			13,396	13,544	13,249	13,396	9,863	11,482	11,041	10,452
6	30K	120	118	10,132	10,243	10,020	10,132	7,459	8,684	8,350	7,905
	40K			12,361	12,496	12,225	12,361	9,101	10,595	10,187	9,644
	57K			12,968	13,111	12,826	12,968	9,549	11,116	10,689	10,118
5	30K	113	112	9,575	9,680	9,469	9,575	7,049	8,207	7,891	7,471
	40K			11,681	11,810	11,553	11,681	8,601	10,013	9,628	9,114
	57K			12,256	12,391	12,122	12,256	9,024	10,505	10,102	9,562
4	30K	102	101	9,019	9,117	8,919	9,019	6,640	7,730	7,433	7,036
	40K			11,002	11,123	10,882	11,002	8,101	9,431	9,068	8,584
	57K			11,543	11,670	11,417	11,543	8,499	9,894	9,514	9,006
3*	30K	93	94	8,462	8,555	8,368	8,462	6,230	7,253	6,974	6,602
	40K			10,323	10,436	10,210	10,323	7,601	8,849	8,508	8,054
	57K			10,831	10,950	10,712	10,831	7,975	9,283	8,927	8,450
2*	30K	83	84	7,460	7,542	7,377	7,460	5,492	6,394	6,148	5,820
	40K			9,101	9,200	9,001	9,101	6,701	7,801	7,501	7,101
	57K			9,548	9,653	9,444	9,548	7,030	8,184	7,870	7,450
1*	30K	72	75	6,792	6,866	6,717	6,792	5,000	5,821	5,597	5,299
	40K			8,286	8,377	8,195	8,286	6,101	7,102	6,829	6,465
	57K			8,693	8,789	8,598	8,693	6,401	7,451	7,165	6,783

* Not available with N option
 † Electrical and lumen data at 25°C (77°F). Actual wattage and lumen output may differ by +/-10% when operating between 120-480V +/-10%

