XSP Series

XSPMD LED Street/Area Luminaire – Medium

Rev. Date: V3 10/16/2019

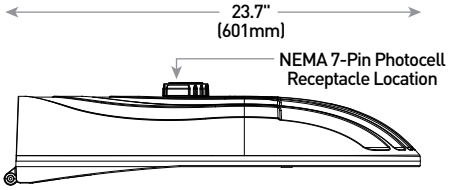
Product Description

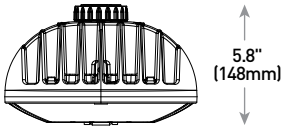
Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings and reduced maintenance, Cree achieves greater optical control with our NanoOptic® Precision 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: Collector roads, major roads, parking lots, and general area spaces

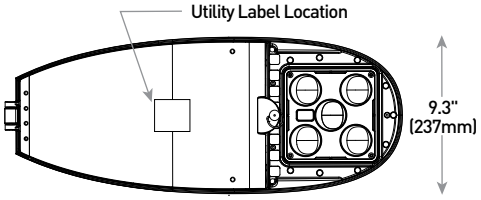
Performance Summary

NanoOptic® Precision Delivery Grid™ optic
Assembled in the U.S.A. of U.S. and imported parts
Initial Delivered Lumens: Up to 11,875
Efficacy: Up to 125 LPW
CRI: Minimum 70 CRI
CCT: 2700K, 3000K, 4000K, 5000K, 5700K
Limited Warranty†: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

† See http://creelighting.com/warranty for warranty terms







Accessories

Field-Installed	
Backlight Control Shield XA-SP1BLS - Provides 1 mounting height cutoff - Polycarbonate construction - Refer to initial delivered lumen tables for lumen output	**Bird Spikes** XA-SP1BRDSPK

Weight
13.9 lbs. (6.3kg)

Ordering Information

Example: XSPMD-D-HT-2LG-12L-27K7-UL-SV-N

XSPMD	D	HT		12L				N	
Product	**Version**	**Mounting**	**Optic**	**Lumen Package****	**CCT/CRI**	**Voltage**	**Color Options**	**Utility Label/ Receptacle**	**Options**
XSPMD	**D**	**HT** Horizontal Tenon	**Asymmetric** **2LG*** Type II Long **2ME*** Type II Medium **3ME*** Type III Medium **4ME*** Type IV Medium	**12L** 12,000 Lumens	**27K7** 2700K, 70 CRI **30K7** 3000K, 70 CRI **40K7** 4000K, 70 CRI **50K7** 5000K, 70 CRI **57K7** 5700K, 70 CRI	**UL** Universal 120-277V **UH** Universal 347-480V	**BK** Black **BZ** Bronze **SV** Silver **WH** White	**N** **Utility Label and NEMA® 7-Pin Photocell Receptacle** - External wattage label per ANSI C136.15 - 7-pin receptacle per ANSI C136.41 - Receptacle leads are factory connected to the driver - Photocell or shorting cap by others	**G** **Small Four Bolt Mounting** - Mounts to 1.25" (32mm) IP, 1.66" (42mm) O.D. horizontal tenon **J** **Large Four Bolt Mounting** - Mounts to 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon **Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1** **Field Adjustable Output** - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 - Offers full range lumen adjustability - Includes wattage label for setting selected - Refer to page 8 for power and lumen values - Luminaire may also be dimmed through 7-Pin receptacle with use of dimming control by others **X8/X7/X6/X5/X4/X3/X2/X1** **Locked Lumen Output** - Must select X8, X7, X6, X5, X4, X3, X2, or X1 - Lumen output is permanently locked to the setting selected - Includes wattage label for setting selected - Refer to page 8 for power and lumen values - Dimming is only available through 7-Pin receptacle with use of dimming control by others

* Available with Backlight Shield when ordered with field-installed accessory (see table above)
** Lumen Package codes identify approximate light output only. Actual lumen output levels may vary depending on CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

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 410 stainless steel mounting bolts; optional four point mounting available
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable black, bronze, silver or white powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion
- **Weight:** 13.9 lbs. (6.3kg)

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
- 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
- Consult factory if in-luminaire fusing is required
- Designed with 0-10V dimming capabilities. Controls by others
- **10V Source Current:** 0.15mA
- **Operating Temperature Range:** -40˚C - +40˚C (-40˚F - +104˚F)

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
- ANSI C136.2 10kV surge protection, tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A limits 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 27K7 or 30K7 CCTs. Please refer to https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/ for most current information
- DLC Premium qualified. Please refer to https://www.designlights.org/search/ for most current information
- ⚠ **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Electrical Data*

Lumen Package	Optics	CCT/ CRI	System Watts 120-480V	Utility Label Wattage	Total Current (A)					
					120V	208V	240V	277V	347V	480V
12L	All	All	95	100	0.80	0.46	0.40	0.35	0.27	0.20

* Electrical data at 25˚C (77˚F). Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V +/- 10%

XSP Series (XSPMD) Ambient Adjusted Lumen Maintenance[1]

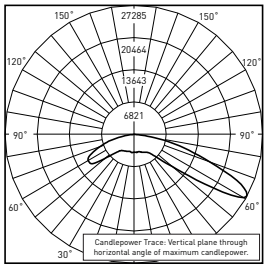
Ambient	Initial LMF	25K hr Reported[2] LMF	50K hr Reported[2] LMF	75K hr Reported[2] LMF	100K hr Estimated[3] LMF
5˚C (41˚F)	1.03	1.02	1.02	1.02	1.02
10˚C (50˚F)	1.03	1.02	1.02	1.02	1.02
15˚C (59˚F)	1.02	1.01	1.01	1.01	1.01
20˚C (68˚F)	1.01	1.00	1.00	1.00	1.00
25˚C (77˚F)	1.00	0.99	0.99	0.99	0.99

[1] Lumen maintenance values at 25˚C (77˚F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors. Please refer to the Temperature Zone Reference Document for outdoor average nighttime ambient conditions.
[2] In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.
[3] Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED. chip)

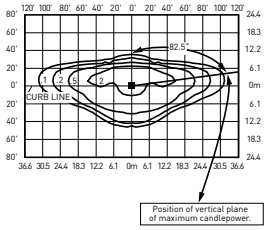
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards. To obtain an IES file specific to your project consult: http://creelighting.com/products/outdoor/street-and-roadway/xsp-series

2LG



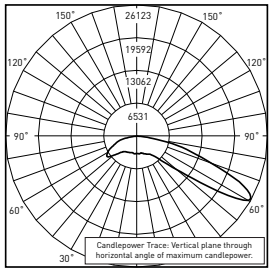
RESTL Test Report #: PL12765-007B
XSPLG-D-**-2LG-24L-40K7-UL-**-N
Initial Delivered Lumens: 23,437



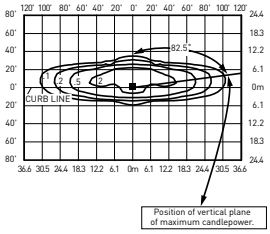
XSPMD-D-**-2LG-12L-40K7-UL-**-N
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,800
Initial FC at grade

Type II Long Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	11,150	B3 U0 G3	11,475	B3 U0 G3	11,800	B3 U0 G3	11,875	B3 U0 G3	11,875	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



RESTL Test Report #: PL12765-008B
XSPLG-D-**-2LG-24L-40K7-UL-**-N
w/XA-SP2BLS
Initial Delivered Lumens: 17,373



XSPMD-D-**-2LG-12L-40K7-UL-**-N
w/XA-SP1BLS
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,725
Initial FC at grade

Type II Long w/BLS Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	8,250	B2 U0 G1	8,500	B2 U0 G2	8,725	B2 U0 G2	8,800	B2 U0 G2	8,800	B2 U0 G2

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

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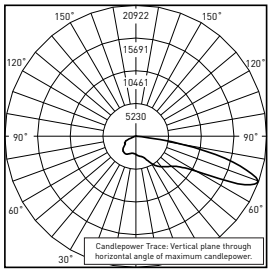
2ME



RESTL Test Report #: 12765-003B
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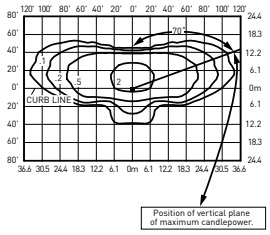
Initial Delivered Lumens: 23,168



XSPMD-D-**-2ME-12L-40K7-UL-**-N
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,800
Initial FC at grade

Type II Medium Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	11,150	B2 U0 G2	11,475	B2 U0 G2	11,800	B2 U0 G2	11,875	B2 U0 G2	11,875	B2 U0 G2

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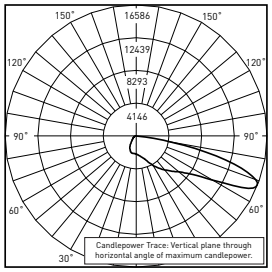

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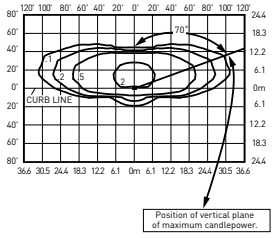
XSPLG-D-**-2ME-24L-40K7-UL-**-N w/XA-SP2BLS
Initial Delivered Lumens: 17,757



XSPMD-D-**-2ME-12L-40K7-UL-**-N w/XA-SP1BLS
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 9,075
Initial FC at grade

Type II Medium w/BLS Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	8,575	B1 U0 G2	8,825	B1 U0 G2	9,075	B1 U0 G2	9,150	B1 U0 G2	9,150	B1 U0 G2

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

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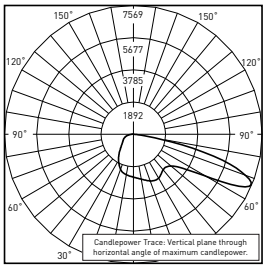
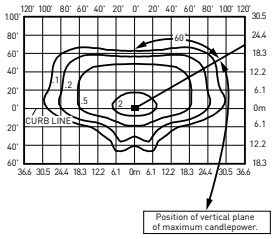
3ME



RESTL Test Report #: PL12611-001B
XSPMD-D-**-3ME-12L-40K7-UL-**-N
Initial Delivered Lumens: 11,144



XSPMD-D-**-3ME-12L-40K7-UL-**-N
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,800
Initial FC at grade

Type III Medium Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	11,150	B2 U0 G2	11,475	B2 U0 G2	11,800	B2 U0 G2	11,875	B2 U0 G2	11,875	B2 U0 G2

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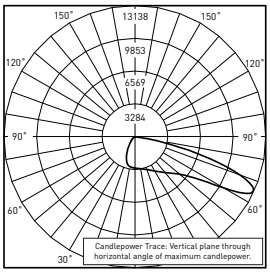
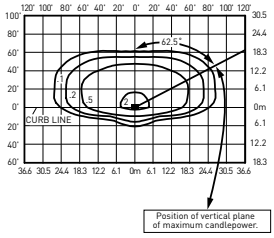


RESTL Test Report #: PL12765-002B
XSPLG-D-**-3ME-24L-40K7-UL-**-N
w/XA-SP2BLS
Initial Delivered Lumens: 16,503



XSPMD-D-**-3ME-12L-40K7-UL-**-N
w/XA-SP1BLS
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,375
Initial FC at grade

Type III Medium w/BLS Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	7,925	B1 U0 G2	8,150	B1 U0 G2	8,375	B1 U0 G2	8,425	B1 U0 G2	8,425	B1 U0 G2

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

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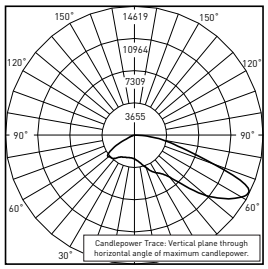
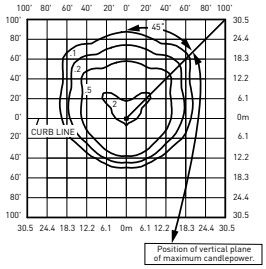
4ME



RESTL Test Report #: PL12765-005B
XSPLG-D-**-4ME-24L-40K7-UL-**-N
Initial Delivered Lumens: 23,195



XSPMD-D-**-4ME-12L-40K7-UL-**-N
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,800
Initial FC at grade

Type IV Medium Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	11,150	B2 U0 G2	11,475	B2 U0 G2	11,800	B2 U0 G2	11,875	B2 U0 G2	11,875	B2 U0 G2

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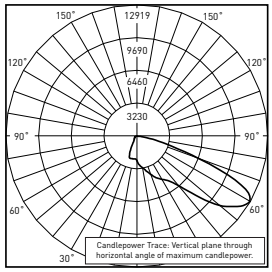

RESTL Test Report #: PL12765-006B
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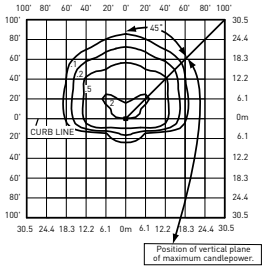
w/XA-SP2BLS
Initial Delivered Lumens: 16,941



XSPMD-D-**-4ME-12L-40K7-UL-**-N
w/XA-SP1BLS
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,625
Initial FC at grade

Type IV Medium w/BLS Distribution										
Lumen Package	2700K		3000K		4000K		5000K		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	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
12L	8,150	B1 U0 G2	8,375	B1 U0 G2	8,625	B1 U0 G2	8,675	B1 U0 G2	8,675	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

Luminaire EPA

Horizontal Tenon Mount – Weight: 13.9 lbs. (6.3kg)				
Single	2 @ 90˚	2 @ 180˚	3 @ 90˚	4 @ 90˚
Tenon Configuration If used with Cree Lighting 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)
0.71	1.02	1.43	1.74	2.04

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)

Square Internal Mount Horizontal Tenons (Aluminum)
- Mounts to 4" (102mm) square aluminum or steel poles

PD-1H4 – Single
PD-2H4(90) – 90˚ Twin
PD-2H4(180) – 180˚ Twin
PD-3H4(90) – 90˚ Triple
PD-4H4(90) – 90˚ Quad

Wall Mount Brackets
- Mounts to wall or roof

WM-2L – Extended Horizontal

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), 4" (102mm), 5" (127mm), or 6" (152mm) square pole with PB-1A* tenon

PT-1H – Single
PT-2H(90) – 90˚ Twin
PT-2H(180) – 180˚ Twin
PT-3H(90) – 90˚ Triple
PT-4H(90) – 90˚ Quad

Direct Arm Pole Adaptor Bracket
- Mounts to 3-6" (76-152mm) round or square aluminum or steel poles

XA-TMDA8

‡ Refer to the Bracket and Tenons spec sheet for more details
* Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 4 (4"), 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 the street and area luminaire within the XSP Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include a wattage label that indicates the wattage of the luminaire at the selected lumen output (Rounded to nearest 10 watts per ANSI C136.15-2015.). Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X8/X7/X6/X5/X4/X3/X2/X1) Option Description:

The Locked Lumen Output option on this page permanently locks the lumen output on the XSP Series street and area luminaire to the setting selected. When ordered with the X option, the luminaire will be shipped from the factory at the lumen output setting selected, and will include a wattage label that indicates the wattage of the setting selected. When this option is selected, the luminaire output is not able to be adjusted in the field except if a dimming control (by others) is used in the 7-Pin receptacle.

Q & X Option Power & Lumen Data – 12L

Q Option Setting	X Option Setting	CCT/CRI	System Watts†	Label Wattage	Lumen Values†					Optics Qualified on DLC QPL	
			120-480V		2LG/2ME/3ME/4ME	2LG w/BLS	2ME w/BLS	3ME w/BLS	4ME w/BLS	Standard	Premium
Q9	N/A (Full Power)	27K7	95	100	11,150	8,250	8,575	7,925	8,150		2LG, 2ME, 3ME, 4ME
		30K7			11,475	8,500	8,825	8,150	8,375		2LG, 2ME, 3ME, 4ME
		40K7			11,800	8,725	9,075	8,375	8,625		2LG, 2ME, 3ME, 4ME
		50K7			11,875	8,800	9,150	8,425	8,675		2LG, 2ME, 3ME, 4ME
		57K7			11,875	8,800	9,150	8,425	8,675		2LG, 2ME, 3ME, 4ME
Q8	X8	27K7	90	90	10,825	8,000	8,325	7,675	7,900		2LG, 2ME, 3ME, 4ME
		30K7			11,125	8,225	8,575	7,900	8,125		2LG, 2ME, 3ME, 4ME
		40K7			11,425	8,450	8,800	8,100	8,350		2LG, 2ME, 3ME, 4ME
		50K7			11,500	8,500	8,850	8,175	8,400		2LG, 2ME, 3ME, 4ME
		57K7			11,500	8,500	8,850	8,175	8,400		2LG, 2ME, 3ME, 4ME
Q7	X7	27K7	85	90	10,375	7,675	8,000	7,375	7,575		2LG, 2ME, 3ME, 4ME
		30K7			10,650	7,875	8,200	7,550	7,775		2LG, 2ME, 3ME, 4ME
		40K7			10,950	8,100	8,425	7,775	8,000		2LG, 2ME, 3ME, 4ME
		50K7			11,025	8,150	8,500	7,825	8,050		2LG, 2ME, 3ME, 4ME
		57K7			11,025	8,150	8,500	7,825	8,050		2LG, 2ME, 3ME, 4ME
Q6	X6	27K7	81	80	10,050	7,425	7,750	7,125	7,325		2LG, 2ME, 3ME, 4ME
		30K7			10,325	7,650	7,950	7,325	7,525		2LG, 2ME, 3ME, 4ME
		40K7			10,625	7,875	8,175	7,550	7,750		2LG, 2ME, 3ME, 4ME
		50K7			10,700	7,925	8,250	7,600	7,800		2LG, 2ME, 3ME, 4ME
		57K7			10,700	7,925	8,250	7,600	7,800		2LG, 2ME, 3ME, 4ME
Q5	X5	27K7	74	70	9,250	6,850	7,125	6,575	6,750		2LG, 2ME, 3ME, 4ME
		30K7			9,525	7,050	7,325	6,775	6,950		2LG, 2ME, 3ME, 4ME
		40K7			9,775	7,225	7,525	6,950	7,125		2LG, 2ME, 3ME, 4ME
		50K7			9,850	7,300	7,575	7,000	7,200		2LG, 2ME, 3ME, 4ME
		57K7			9,850	7,300	7,575	7,000	7,200		2LG, 2ME, 3ME, 4ME
Q4	X4	27K7	67	70	8,700	6,450	6,700	6,175	6,350		2LG, 2ME, 3ME, 4ME
		30K7			8,925	6,600	6,875	6,325	6,525		2LG, 2ME, 3ME, 4ME
		40K7			9,175	6,800	7,075	6,525	6,700		2LG, 2ME, 3ME, 4ME
		50K7			9,250	6,850	7,125	6,575	6,750		2LG, 2ME, 3ME, 4ME
		57K7			9,250	6,850	7,125	6,575	6,750		2LG, 2ME, 3ME, 4ME
Q3	X3	27K7	60	60	7,875	5,825	6,075	5,600	5,750		2LG, 2ME, 3ME, 4ME
		30K7			8,100	6,000	6,225	5,750	5,925		2LG, 2ME, 3ME, 4ME
		40K7			8,325	6,150	6,400	5,900	6,075		2LG, 2ME, 3ME, 4ME
		50K7			8,375	6,200	6,450	5,950	6,125		2LG, 2ME, 3ME, 4ME
		57K7			8,375	6,200	6,450	5,950	6,125		2LG, 2ME, 3ME, 4ME
Q2*	X2*	27K7	54	50	7,150	5,300	5,500	5,075	5,225		2LG, 2ME, 3ME, 4ME
		30K7			7,350	5,450	5,650	5,225	5,375		2LG, 2ME, 3ME, 4ME
		40K7			7,550	5,575	5,825	5,350	5,500		2LG, 2ME, 3ME, 4ME
		50K7			7,625	5,650	5,875	5,425	5,575		2LG, 2ME, 3ME, 4ME
		57K7			7,625	5,650	5,875	5,425	5,575		2LG, 2ME, 3ME, 4ME
Q1*	X1*	27K7	48	50	6,525	4,830	5,025	4,630	4,760		2LG, 2ME, 3ME, 4ME
		30K7			6,700	4,960	5,150	4,760	4,890		2LG, 2ME, 3ME, 4ME
		40K7			6,900	5,100	5,325	4,900	5,025		2LG, 2ME, 3ME, 4ME
		50K7			6,950	5,150	5,350	4,930	5,075		2LG, 2ME, 3ME, 4ME
		57K7			6,950	5,150	5,350	4,930	5,075		2LG, 2ME, 3ME, 4ME

† Electrical and lumen data at 25˚C (77˚F). Actual wattage and lumen output may differ by +/-10% when operating between 120-277V or 347-480V +/-10%

* DLC Premium for 120V & 347V only

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