

OSQ Series

OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Extra Large

Rev. Date: V3 07/18/2022

Product Description

The OSQ™ Extra Large Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weathertight LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. The OSQ extra large luminaire is a suitable upgrade for HID applications with one or even multiple 1000 Watt luminaires.

Applications: Auto dealerships, parking lots, campuses, facade lighting, high-mast and general site lighting applications

Performance Summary

Utilizes Cree TrueWhite® Technology on 5000K Luminaires

NanoOptic® Precision Delivery Grid™ optic

Assembled in the USA by Cree Lighting from US and imported parts

Initial Delivered Lumens: 25,500 - 86,000

Efficacy: 162 LPW

CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

CCT: 3000K, 4000K, 5000K, 5700K

Limited Warranty*: 10 years on luminaire; 10 years on Colorfast DeltaGuard® finish; 5 years for PML sensor; up to 5 years for Synapse® accessories; 1 year on luminaire accessories

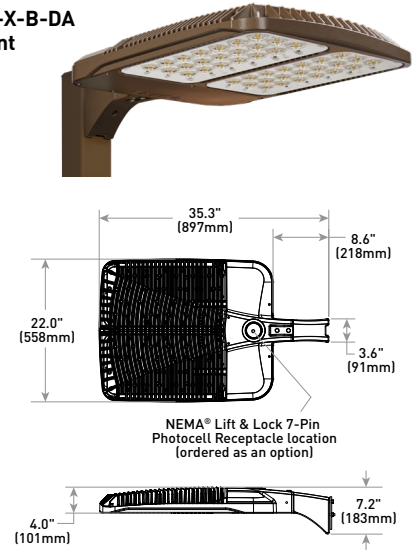
* See <http://creelighting.com/warranty> for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately:

Example: **Mount:** OSQ-X-AA-SV + **Luminaire:** OSQ-B-40L-30K7-2M-UL-NM-SV

OSQ-X-B-DA Mount



Lumen Package	Voltage	Weight
40/50L	120-480V	70.0 lbs. (31.8kg)
65L/75L	120-480V	72.0 lbs. (32.7kg)

Note: Refer to page 12 for fixture mounting drill pattern. For OSQ-X-B-AA mount diagram, refer to page 13.

Mount (Luminaire must be ordered separately)*									
OSQ-X-B-									
OSQ-X-B-AA Adjustable Arm OSQ-X-B-DA Direct Arm									
Color Options: SV Silver BK Black BZ Bronze WH White									

* Reference EPA and pole configuration suitability data beginning on page 11

Luminaire (Mount must be ordered separately)										
OSQ	X	B					NM			
Family	Size	Series	Lumen Package**	CCT/ CRI	Optic	Voltage	Mount	Color Options	Controls***	Options
OSQ	X	B	40L 40,000 Lumens 50L 50,000 Lumens 65L 65,000 Lumens 75L 75,000 Lumens	30K7 3000K, 70 CRI 40K7 4000K, 70 CRI 50K9 5000K, 90 CRI 57K7 5700K, 70 CRI	Asymmetric 2M* 4M* Type II Type IV Medium Medium 3M* AF* Type III Automotive Medium FrontlineOptic™ Symmetric 5M 44 Type V NEMA® 4x4 Medium 55 5N NEMA® 5x5 Type V 66 Narrow NEMA® 6x6 N3 75 Narrow Flood NEMA® 7x5 33 NEMA® 3x3	UL Universal 120-277V - All lumen packages UM Universal 208-480V - 75L lumen package only UE Universal 277-480V - 65L lumen package only UH Universal 347-480V - 40L & 50L lumen packages only	NM No Mount	BK Black BZ Bronze SV Silver WH White	PML Programmable Multi-Level, up to 40' Mounting Height - Refer to PML spec sheet for details - Not available with 65L or 75L - Intended for downlight applications at 0° tilt Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 - Not available with 65L or 75L when ordered w/R option - Offers full range adjustability - Refer to pages 14-17 for power and lumen values - Not available with PML option X8/X7/X6/X5/X4/X3/X2/X1 Locked Lumen Output - Must select X8, X7, X6, X5, X4, X3, X2, or X1 - Not available with 65L or 75L when ordered w/R option - Lumen output is permanently locked to the setting selected - Refer to pages 14-17 for power and lumen values - Not available with PML option	20KV20kV/10kA Surge Suppression - Replaces standard 10kV/5kA surge protection F Fuse - Compatible with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - When code dictates fusing, use time delay fuse R NEMA® Lift & Lock 7-Pin Photocell Receptacle - 7-pin receptacle per ANSI C136.41 - Intended for downlight applications with maximum 45° tilt - Factory connected 0-10V dim leads - 12" (305mm) seven-conductor leads exit luminaire - Requires photocell or shorting cap by others - Not available with 65L or 75L when ordered w/Q or X options - Refer to page 2 for compatible Synapse control offerings RL Rotate Left - LED and optic are rotated to the left - Refer to RR/RL configuration diagram on page 13 for optic directionality RR Rotate Right - LED and optic are rotated to the right - Refer to RR/RL configuration diagram on page 13 for optic directionality

* Available with Backlight Shield when ordered with field-installed accessory (on page 2).

** Lumen Package selection codes identify approximate light output only. Actual lumen output levels vary depending on CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values.

*** Luminaire comes standard with 0-10V dimming.



CREE LIGHTING®

US: creelighting.com (800) 236-6800

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

Product Specifications

CREE TRUEWHITE® TECHNOLOGY

A revolutionary way to generate high-quality white light, Cree TrueWhite® Technology is a patented approach that delivers an exclusive combination of 90+ CRI, beautiful light characteristics and lifelong color consistency, all while maintaining high luminous efficacy – a true no compromise solution.

CONSTRUCTION & MATERIALS

- Slim, low profile design minimizes wind load requirements
- Luminaire housing is rugged die cast aluminum with an integral, weathertight LED driver compartment and high-performance heat sink
- Convenient interlocking mounting method on direct arm mount. Mounting adaptor is rugged die cast aluminum and mounts to 3" (76mm) or larger square or round pole, secured by two 5/16-18 UNC bolts spaced on 2" (51mm) centers
- Adjustable arm that mounts to a horizontal or vertical 2" (51mm) IP, 2.375-2.50" (60-64mm) O.D. steel tenon. Tenon length must be a minimum of 3.75" (95mm)
- Adjustable arm mount can be adjusted 180° in 5.0° increments
- Includes 12" (305mm) 18/5 or 16/5 leads exiting the luminaire. When ordered with R option, 12" (305mm) 18/7 or 16/7 leads are provided
- Designed for uplight and downlight applications
- 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. Silver, bronze, black, and white are available
- **Weight:** See Dimension and Weight Chart on pages 1 and 13

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V, 208-480V, 277-480V or 347-480V, 50/60Hz, Class 1 drivers
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Integral 10kV/5kA surge suppression protection standard; 20kV/10kA surge suppression protection optional
- 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. For 65L and 75L SKUs with UL voltage, dimming control lines must be > 1V when operated at 277V. Controls by others
- Refer to Dimming spec sheet for details
- **Maximum 10V Source Current:** 1mA
- **Operating Temperature Range:** -40°C to 40°C (-40° F to 104° F)

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed (UL1598)
- Suitable for wet locations
- Meets NEMA C82.77 standards
- Drivers and LEDs are UL Recognized in accordance with UL8750
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G vibration standards
- ANSI C136.2 10kV/5kA (standard) and 20kV/10kA (optional) 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
- OSQX luminaires are enclosure rated IP66 per IEC 60598-1 when ordered without the R option. Luminaires with R option meet IP66 requirements per IEC 60598-1 when used with IP66 rated NEMA control or shorting cap
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT and DA mount only. Please refer to <https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/> for most current information
- DLC and DLC Premium qualified versions available. Please refer to <https://www.designlights.org/search/> for most current information
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65Narnings.ca.gov

Product Specifications

SYNAPSE® SIMPLYSNAP INTELLIGENT CONTROL

The Synapse SimplySNAP platform is a highly intuitive connected lighting solution featuring zone dimming, motion sensing, and daylight harvesting with utility-grade power monitoring and support of up to 1000 nodes per gateway. The system features a reliable and robust self-healing mesh network with a browser-based interface that runs on smartphones, tablets, and PCs. The Twist-Lock Lighting Controller (TL7-B2 or TL7-HVG) and Site Controller (SS450-002) take the OSQ Series to a new performance plateau, providing extreme energy productivity, code compliance and a better light experience.

Synapse Wireless Control Accessories	
Twist-Lock Lighting Controller TL7-B2 - Suitable for 120-277V (UL) voltage only - Requires NEMA/ANSI C136.41 7-Pin Dimming Receptacle - Not for use with PML or Q options - Provides On/Off switching, dimming, power metering, digital sensor input, and status monitoring of luminaires - Refer to TL7-B2 spec sheet for details Twist-Lock Lighting Controller TL7-HVG - Suitable for 120-480V (UE, UH, UL and UM voltages) - Requires NEMA/ANSI C136.41 7-Pin Dimming Receptacle - Not for use with PML options - Provides On/Off switching, dimming, power metering, digital sensor input, and status monitoring of luminaire - Refer to TL7-HVG spec sheet for details SimplySNAP Central Base Station CBSSW-450-002 - Includes On-Site Controller (SS450-002) and 5-button switch - Indoor and Outdoor rated - Refer to CBSSW-450-002 spec sheet for details	Synapse Wireless Sensor WSN-DPM - Motion and light sensor - Control multiple zones - Refer to WSN-DPM spec sheet for details SimplySNAP On-Site Controller SS450-002 - Verizon® LTE-enabled - Designed for indoor applications - Refer to SS450-002 spec sheet for details Building Management System (BMS) Gateway BMS-GW-002 - Required for BACnet integration - Refer to BMS-GW-002 spec sheet for details Outdoor Antennas (Optional, for increased range, 8dB gain) KIT-ANT420SM - Kit includes antenna, 20' cable and bracket KIT-ANT360 - Kit includes antenna, 30' cable and bracket KIT-ANT600 - Kit includes antenna, 50' cable and bracket - Refer to Outdoor antenna spec sheet for details

Electrical Data*							
Lumen Package	System Watts 120-480V	Total Current (A)					
		120V	208V	240V	277V	347V	480V
40L	301	2.54	1.46	1.27	1.10	0.88	0.63
50L	383	3.23	1.86	1.61	1.40	1.12	0.81
65L	458	3.97	2.29	1.99	1.72	1.32	0.95
75L	553	4.73	2.78	2.30	1.98	1.59	1.15

* Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10% when operating between 120-277V, 208-480V, 277-480V or 347-480V +/- 10%

OSQ Series (OSQX) Ambient Adjusted Lumen Maintenance¹						
Ambient	Optic	Initial LMF	25K hr Reported² LMF	50K hr Reported² LMF	75K hr Reported²/ Estimated³ LMF	100K hr Reported²/ Estimated³ LMF
5°C (41°F)	Asymmetric	1.04	1.03	1.01	0.99²	0.97²
	Symmetric	1.05	1.05	1.05	1.05³	1.05³
10°C (50°F)	Asymmetric	1.03	1.02	1.00	0.98²	0.96²
	Symmetric	1.04	1.03	1.03	1.03³	1.03³
15°C (59°F)	Asymmetric	1.02	1.01	0.99	0.97²	0.95²
	Symmetric	1.02	1.02	1.02	1.02³	1.02³
20°C (68°F)	Asymmetric	1.01	1.00	0.98	0.96²	0.94²
	Symmetric	1.01	1.01	1.01	1.01³	1.01³
25°C (77°F)	Asymmetric	1.00	0.99	0.97	0.95²	0.93²
	Symmetric	1.00	1.00	1.00	1.00³	1.00³

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.

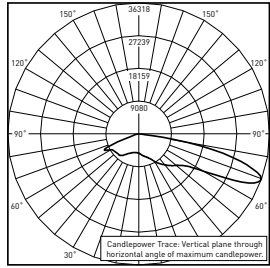
Accessories

Field-Installed		
Backlight Shields (One pair) OSQ-BLSXF (Extra Large) - Front facing optics OSQ-BLSXR (Extra Large) - Rotated optics	Shorting Cap XA-XLSHRT Bird Spikes OSQ-XL-BRDSPK	Hand-Held Remote XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required

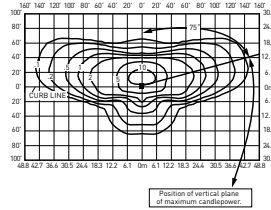
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

2M



RESTL Test Report #: PL16478-001A
OSQX-B-40L-40K7-2M-UL
Initial Delivered Lumens: 45,082



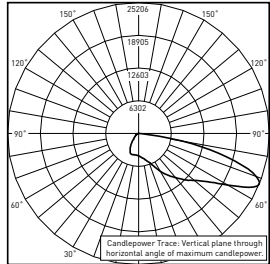
OSQX-B-40L-40K7-2M-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 44,400
Initial FC at grade

Type II Mid Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	41,500	B4 U0 G5	44,400	B4 U0 G5	36,100	B4 U0 G4	44,400	B4 U0 G5
50L	53,600	B4 U0 G5	57,400	B4 U0 G5	46,600	B4 U0 G5	57,400	B4 U0 G5
65L	69,300	B5 U0 G5	74,100	B5 U0 G5	60,200	B4 U0 G5	74,100	B5 U0 G5
75L	80,400	B5 U0 G5	86,000	B5 U0 G5	69,800	B5 U0 G5	86,000	B5 U0 G5

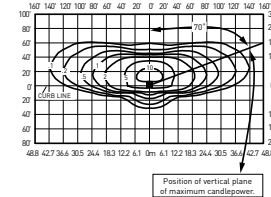
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>. Valid with no tilt

2M W/BLS



RESTL Test Report #: PL16484-001A
OSQX-B-40L-40K7-2M-UL
w/OSQ-BLSXF
Initial Delivered Lumens: 33,890



OSQX-B-40L-40K7-2M-UL w/
OSQ-BLSXF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 34,400
Initial FC at grade

Type II Mid w/BLS Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	32,100	B3 U0 G4	34,400	B3 U0 G4	27,900	B2 U0 G4	34,400	B3 U0 G4
50L	41,500	B3 U0 G4	44,400	B3 U0 G5	36,000	B3 U0 G4	44,400	B3 U0 G5
65L	53,600	B3 U0 G5	57,300	B3 U0 G5	46,600	B3 U0 G5	57,300	B3 U0 G5
75L	62,200	B3 U0 G5	66,500	B3 U0 G5	54,000	B3 U0 G5	66,500	B3 U0 G5

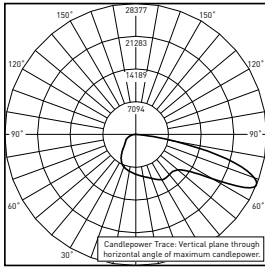
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

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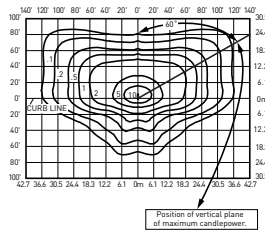
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

3M



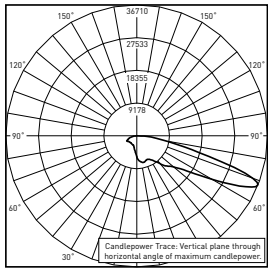
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OSQX-B-40L-40K7-3M-UL
Initial Delivered Lumens: 43,786



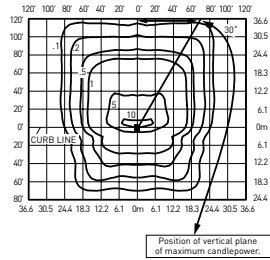
Photometry

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4M



RESTL Test Report #: PL16479-001A
OSQX-B-40L-40K7-4M-UL
Initial Delivered Lumens: 44,187



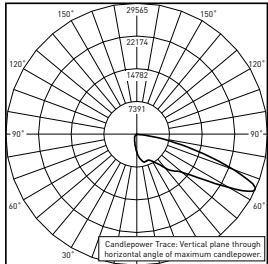
OSQX-B-40L-40K7-4M-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 44,400
Initial FC at grade

Type IV Mid Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	41,500	B3 U0 G5	44,400	B4 U0 G5	36,100	B3 U0 G5	44,400	B4 U0 G5
50L	53,600	B4 U0 G5	57,400	B4 U0 G5	46,600	B4 U0 G5	57,400	B4 U0 G5
65L	69,300	B4 U0 G5	74,100	B4 U0 G5	60,200	B4 U0 G5	74,100	B4 U0 G5
75L	80,400	B4 U0 G5	86,000	B5 U0 G5	69,800	B4 U0 G5	86,000	B5 U0 G5

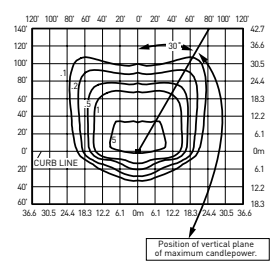
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

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4M W/BLS



RESTL Test Report #: PL16485-001A
OSQX-B-40L-40K7-4M-UL
w/OSQ-BLSXF
Initial Delivered Lumens: 32,030



OSQX-B-40L-40K7-4M-UL
w/OSQ-BLSXF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 31,400
Initial FC at grade

Type IV Mid w/BLS Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	29,300	B2 U0 G4	31,400	B2 U0 G4	25,500	B2 U0 G4	31,400	B2 U0 G4
50L	37,800	B3 U0 G5	40,500	B3 U0 G5	32,900	B2 U0 G5	40,500	B3 U0 G5
65L	48,900	B3 U0 G5	52,300	B3 U0 G5	42,500	B3 U0 G5	52,300	B3 U0 G5
75L	56,700	B3 U0 G5	60,700	B3 U0 G5	49,300	B3 U0 G5	60,700	B3 U0 G5

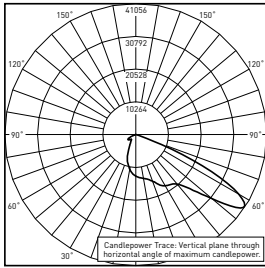
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

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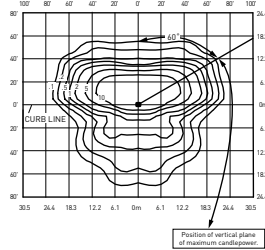
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

AF



RESTL Test Report #: PL16480-001A
OSQX-B-40L-40K7-AF-UL
Initial Delivered Lumens: 45,176



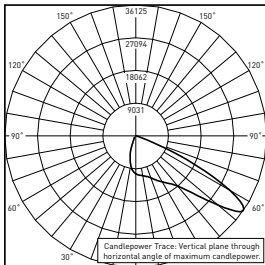
OSQX-B-40L-40K7-AF-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 44,400
Initial FC at grade

Automotive FrontLineOptic™ Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	41,500	B4 U0 G3	44,400	B4 U0 G3	36,100	B3 U0 G3	44,400	B4 U0 G3
50L	53,600	B4 U0 G3	57,400	B4 U0 G3	46,600	B4 U0 G3	57,400	B4 U0 G3
65L	69,300	B4 U0 G4	74,100	B4 U0 G4	60,200	B4 U0 G3	74,100	B4 U0 G4
75L	80,400	B5 U0 G4	86,000	B5 U0 G4	69,800	B4 U0 G4	86,000	B5 U0 G4

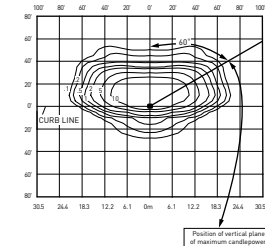
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

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AF W/BLS



RESTL Test Report #: PL16486-001A
OSQX-B-40L-40K7-AF-UL
w/OSQ-BLSXF
Initial Delivered Lumens: 34,912



OSQX-B-40L-40K7-AF-UL
w/OSQ-BLSXF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 34,400
Initial FC at grade

Automotive FrontLineOptic™ w/BLS Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	32,100	B3 U0 G2	34,400	B3 U0 G2	27,900	B3 U0 G2	34,400	B3 U0 G2
50L	41,500	B3 U0 G2	44,400	B3 U0 G2	36,000	B3 U0 G2	44,400	B3 U0 G2
65L	53,600	B4 U0 G3	57,300	B4 U0 G3	46,600	B3 U0 G3	57,300	B4 U0 G3
75L	62,200	B4 U0 G3	66,500	B4 U0 G3	54,000	B4 U0 G3	66,500	B4 U0 G3

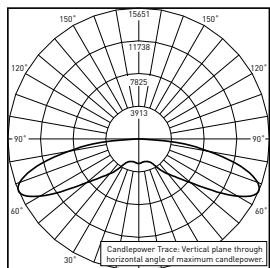
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>. Valid with no tilt

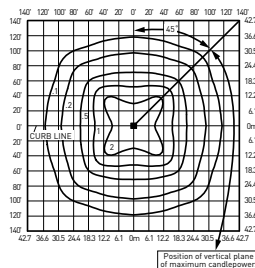
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

5M



RESTL Test Report #: PL16593-001A
OSQX-B-40L-40K7-5M-UL
Initial Delivered Lumens: 38,284



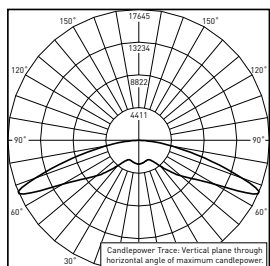
OSQX-B-40L-40K7-5M-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 38,300
Initial FC at grade

Type V Mid Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	35,800	B5 U0 G5	38,300	B5 U0 G5	31,100	B5 U0 G5	38,300	B5 U0 G5
50L	45,100	B5 U0 G5	48,300	B5 U0 G5	39,200	B5 U0 G5	48,300	B5 U0 G5
65L	60,300	B5 U0 G5	64,500	B5 U0 G5	52,400	B5 U0 G5	64,500	B5 U0 G5
75L	70,800	B5 U0 G5	75,700	B5 U0 G5	61,500	B5 U0 G5	75,700	B5 U0 G5

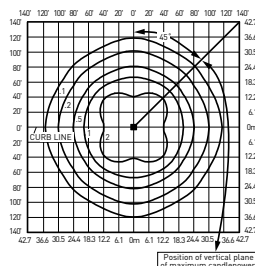
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>. Valid with no tilt

5N



RESTL Test Report #: PL16500-001A
OSQX-B-40L-40K7-5N-UL
Initial Delivered Lumens: 42,762



OSQX-B-40L-40K7-5N-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 41,300
Initial FC at grade

Type V Narrow Distribution								
Lumen Package	3000K/70 CRI		4000K/70 CRI		5000K/90 CRI		5700K/70 CRI	
	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
40L	38,600	B5 U0 G5	41,300	B5 U0 G5	33,600	B5 U0 G5	41,300	B5 U0 G5
50L	48,700	B5 U0 G5	52,100	B5 U0 G5	42,300	B5 U0 G5	52,100	B5 U0 G5
65L	65,100	B5 U0 G5	69,700	B5 U0 G5	56,600	B5 U0 G5	69,700	B5 U0 G5
75L	76,400	B5 U0 G5	81,800	B5 U0 G5	66,400	B5 U0 G5	81,800	B5 U0 G5

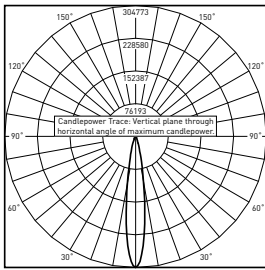
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>. Valid with no tilt

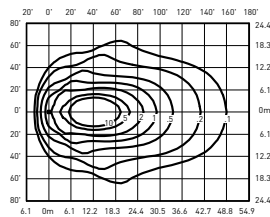
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

N3



RESTL Test Report #: PL16501-001A
OSQX-B-40L-40K7-N3-UL
Initial Delivered Lumens: 43,397

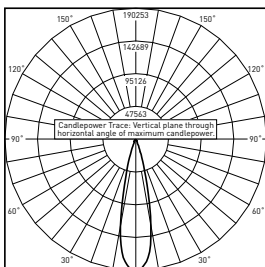


OSQX-B-40L-40K7-N3-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

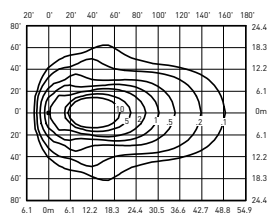
Narrow Flood Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

33



RESTL Test Report #: PL16502-001A
OSQX-B-40L-40K7-33-UL
Initial Delivered Lumens: 43,489



OSQX-B-40L-40K7-33-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

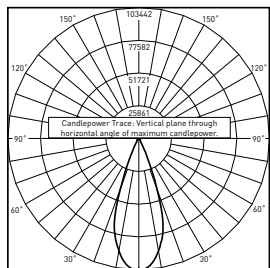
NEMA® 3x3 Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

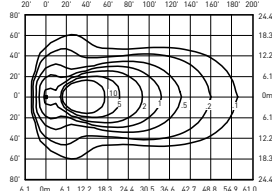
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

44



RESTL Test Report #: PL16503-001A
OSQX-B-40L-40K7-44-UL
Initial Delivered Lumens: 42,939

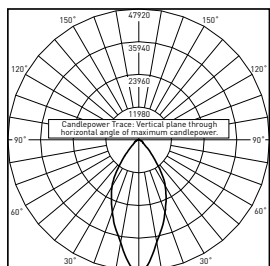


OSQX-B-40L-40K7-44-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

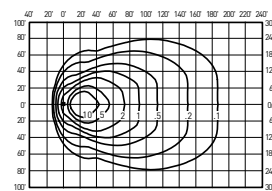
NEMA® 4x4 Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

55



RESTL Test Report #: PL16504-001A
OSQX-B-40L-40K7-55-UL
Initial Delivered Lumens: 41,734



OSQX-B-40L-40K7-55-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

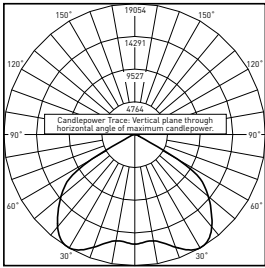
NEMA® 5x5 Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

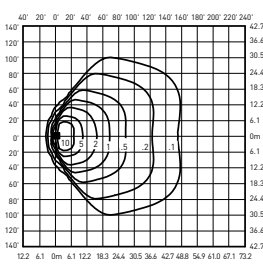
Photometry

All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/area-osq-high-output>

66



RESTL Test Report #: PL16506-001A
OSQX-B-40L-40K7-66-UL
Initial Delivered Lumens: 43,073

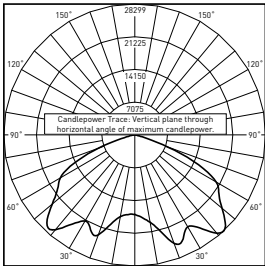


OSQX-B-40L-40K7-66-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

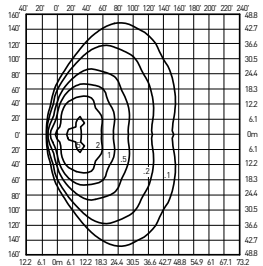
NEMA® 6x6 Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

75



RESTL Test Report #: PL16505-001A
OSQX-B-40L-40K7-75-UL
Initial Delivered Lumens: 42,760











OSQX-B-40L-40K7-75-UL
Mounting Height: 25' (7.6m) A.F.G., 60° tilt
Initial Delivered Lumens: 41,300
Initial FC at grade

NEMA® 7x5 Distribution				
Lumen Package	3000K/70 CRI	4000K/70 CRI	5000K/90 CRI	5700K/70 CRI
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
40L	38,600	41,300	33,600	41,300
50L	48,700	52,100	42,300	52,100
65L	65,100	69,700	56,600	69,700
75L	76,400	81,800	66,400	81,800

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

Luminaire EPA

Adjustable Arm Mount – OSQ-X-B-AA Weight: 40L/50L, 120-480V: 73.0 lbs. (33.1kg); 65L/75L, 120-480V: 75.0 lbs. (34.0kg)							
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 180°	4 @ 90°
Tenon Configuration (0°-90° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA							
							
PB-1A*; PW-1A3**	PB-2A*; PB-2R2.375; PW-2A3**	PB-2A*; PB-2R2.375; PW-2A3**	PB-3A*; PB-3R2.375	PB-3A*; PB-3R2.375	PB-3A*; PB-3R2.375	PB-4A*(180); PB-4R2.375	PB-4A*(90); PB-4R2.3(90)
0° Tilt							
1.16	2.03	2.03	2.90	2.63	2.90	3.77	3.77
10° Tilt							
1.67	3.06	3.06	4.45	4.27	4.45	5.83	5.83
20° Tilt							
2.35	4.41	4.41	6.48	6.34	6.48	8.54	8.54
30° Tilt							
2.99	5.70	5.70	8.41	8.29	8.41	11.12	11.12
45° Tilt							
3.85	7.41	7.41	10.98	10.89	10.98	14.54	14.54
60° Tilt							
4.51	8.73	8.73	12.95	12.91	12.95	17.18	17.18
70° Tilt							
4.83	9.37	9.37	13.91	13.88	13.91	18.45	18.45
80° Tilt							
5.02	9.76	9.76	14.50	14.44	14.50	19.24	19.24
90° Tilt							
5.02	9.76	9.76	14.50	14.44	14.50	19.24	19.24

* 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

** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Tenon EPA

Part Number	EPA
PB-1A*	None
PB-2A*	0.82
PB-3A*	1.52
PB-4A*(180)	2.22
PB-4A*(90)	1.11
PB-2R2.375	0.92
PB-3R2.375	1.62
PB-4R2.375	2.32
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25
WM-DM	None

* 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

** These EPA values must be multiplied by the following ratio: Fixture Mounting Height/Total Pole Height. Specify pole size: 3 (3"), 4 (4"), 5 (5"), or 6 (6")

Tenons and Brackets* (must specify color)	
Square Internal Mount Vertical Tenons (Steel) - Mounts to 3-6" (76-152mm) square aluminum or steel poles PB-1A* – Single PB-2A* – 180° Twin PB-3A* – 180° Triple PB-4A*(90) – 90° Quad PB-4A*(180) – 180° Quad	Round External Mount Vertical Tenons (Steel) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons PB-2R2.375 – Twin PB-3R2.375 – Triple PB-4R2.375 – Quad Mid-Pole Bracket - Mounts to square pole PW-1A3** – Single PW-2A3** – Double
Wall Mount Brackets - Mounts to wall or roof WM-2 – Horizontal for OSQ-X-B-AA mount WM-4 – L-Shape for OSQ-X-B-AA mount WM-DM – Plate for OSQ-X-B-DA mount	

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

Luminaire EPA

Fixed Arm Mount – OSQ-X-B-DA Weight: 40L/50L, 120-480V: 70.0 lbs. [31.8kg]; 65L/75L, 120-480V: 72.0 lbs. [32.7kg]					
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
1.06	1.93	1.93	2.80	2.53	3.67

Direct Mount Configurations

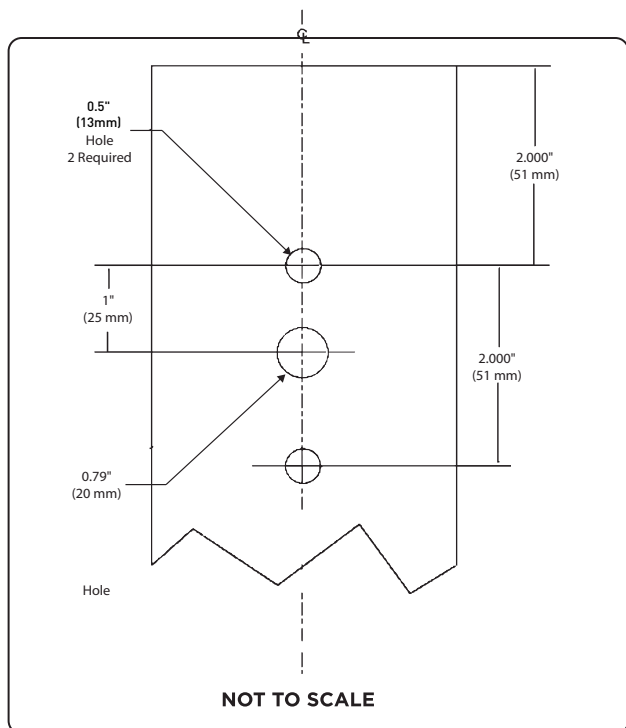
Compatibility with OSQ-X-B-DA Direct Arm Mount					
Input Delivered Lumens	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
3" Square					
40L/50L/65L	N/A	✓	N/A	N/A	N/A
3" Round					
40L/50L/65L	N/A	✓	N/A	✓	N/A
4" Square					
40L/50L/65L	✓	✓	✓	N/A	✓
4" Round*					
40L/50L/65L	✓	✓	✓	✓	✓
5" Square					
40L/50L/65L	✓	✓	✓	N/A	✓
5" Round					
40L/50L/65L	✓	✓	✓	✓	✓
6" + Square					
40L/50L/65L	✓	✓	✓	N/A	✓
6" + Round					
40L/50L/65L	✓	✓	✓	✓	✓

* Note: only 0.10" clearance between mounts on 4 @ 90°

Fixture Mounting Drill Pattern for OSQ-X-B-DA

Note: When using with Cree Lighting poles, order the Q Fixture Mounting Drill Pattern.

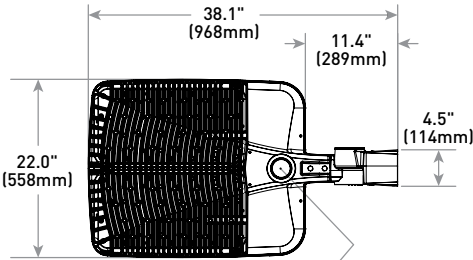
POLE TEMPLATE



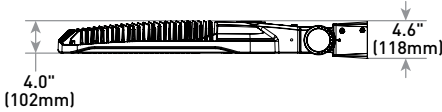
**OSQ-X-B-AA
Mount**



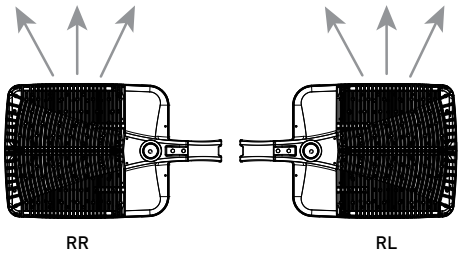
Lumen Package	Voltage	Weight
40/50L	120-480V	73.0 lbs. (33.1kg)
65L/75L	120-480V	75.0 lbs. (34.0kg)



NEMA® Lift & Lock 7-Pin Photocell Receptacle location (ordered as an option)



RR/RL Configuration



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

The Field Adjustable Output option enables the OSQ Extra Large area luminaires 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 Q setting and will be fully adjustable between the nine settings.

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 OSQ 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 only be able to be adjusted down in the field through a dimming control (by others).

Q & X Option Power & Lumen Data – 40L

Q/X Option Setting	CCT	System Watts	Lumen Values				
		120-480V	Asymmetric	5M	5N & Floods	2M/AF w/BLS	3M/4M w/BLS
Q9 (Full Power)	30K	301	41,500	35,800	38,600	32,100	29,300
	40K		44,400	38,300	41,300	34,400	31,400
	50K		36,100	31,100	33,600	27,900	25,500
	57K		44,400	38,300	41,300	34,400	31,400
Q8/X8	30K	281	38,800	33,400	36,100	30,000	27,400
	40K		41,500	35,700	38,600	32,100	29,300
	50K		33,700	29,000	31,300	26,100	23,800
	57K		41,500	35,700	38,600	32,100	29,300
Q7/X7	30K	277	37,000	31,900	34,500	28,700	26,100
	40K		39,600	34,100	36,900	30,600	28,000
	50K		32,200	27,700	29,900	24,900	22,700
	57K		39,600	34,100	36,900	30,600	28,000
Q6/X6	30K	253	35,500	30,600	33,000	27,500	25,100
	40K		38,000	32,700	35,300	29,400	26,800
	50K		30,800	26,600	28,700	23,900	21,800
	57K		38,000	32,700	35,300	29,400	26,800
Q5/X5	30K	229	32,500	28,000	30,300	25,200	23,000
	40K		34,800	30,000	32,400	26,900	24,600
	50K		28,300	24,400	26,300	21,900	20,000
	57K		34,800	30,000	32,400	26,900	24,600
Q4/X4	30K	207	30,200	26,000	28,100	23,400	21,300
	40K		32,300	27,800	30,100	25,000	22,800
	50K		26,200	22,600	24,400	20,300	18,500
	57K		32,300	27,800	30,100	25,000	22,800
Q3/X3	30K	182	27,200	23,400	25,300	21,000	19,200
	40K		29,100	25,100	27,100	22,500	20,500
	50K		23,600	20,400	22,000	18,300	16,700
	57K		29,100	25,100	27,100	22,500	20,500
Q2/X2	30K	163	24,500	21,100	22,800	18,900	17,300
	40K		26,200	22,600	24,400	20,300	18,500
	50K		21,300	18,300	19,800	16,500	15,000
	57K		26,200	22,600	24,400	20,300	18,500
Q1/X1	30K	149	22,700	19,500	21,100	17,500	16,000
	40K		24,300	20,900	22,600	18,800	17,100
	50K		19,700	17,000	18,300	15,200	13,900
	57K		24,300	20,900	22,600	18,800	17,100

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

The Field Adjustable Output option enables the OSQ Extra Large area luminaires 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 Q setting and will be fully adjustable between the nine settings.

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 OSQ 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 only be able to be adjusted down in the field through a dimming control (by others).

Q & X Option Power & Lumen Data – 50L

Q/X Option Setting	CCT	System Watts	Lumen Values				
		120-480V	Asymmetric	5M	5N & Floods	2M/AF w/BLS	3M/4M w/BLS
Q9 (Full Power)	30K	383	53,600	45,100	48,700	41,500	37,800
	40K		57,400	48,300	52,100	44,400	40,500
	50K		46,600	39,200	42,300	36,000	32,900
	57K		57,400	48,300	52,100	44,400	40,500
Q8/X8	30K	357	50,100	42,100	45,500	38,700	35,300
	40K		53,500	45,100	48,700	41,400	37,800
	50K		43,500	36,600	39,500	33,600	30,700
	57K		53,500	45,100	48,700	41,400	37,800
Q7/X7	30K	352	47,800	40,200	43,500	37,000	33,800
	40K		51,200	43,100	46,500	39,600	36,100
	50K		41,600	35,000	37,800	32,100	29,300
	57K		51,200	43,100	46,500	39,600	36,100
Q6/X6	30K	322	45,800	38,600	41,600	35,500	32,300
	40K		49,000	41,300	44,500	37,900	34,600
	50K		39,800	33,500	36,200	30,800	28,100
	57K		49,000	41,300	44,500	37,900	34,600
Q5/X5	30K	291	42,000	35,400	38,200	32,500	29,700
	40K		44,900	37,800	40,800	34,800	31,700
	50K		36,500	30,700	33,200	28,200	25,800
	57K		44,900	37,800	40,800	34,800	31,700
Q4/X4	30K	263	39,000	32,800	35,400	30,200	27,500
	40K		41,700	35,100	37,900	32,300	29,400
	50K		33,900	28,500	30,800	26,200	23,900
	57K		41,700	35,100	37,900	32,300	29,400
Q3/X3	30K	231	35,100	29,500	31,900	27,200	24,800
	40K		37,600	31,600	34,100	29,000	26,500
	50K		30,500	25,700	27,700	23,600	21,500
	57K		37,600	31,600	34,100	29,000	26,500
Q2/X2	30K	208	31,600	26,600	28,700	24,500	22,300
	40K		33,800	28,500	30,700	26,200	23,900
	50K		27,500	23,100	25,000	21,300	19,400
	57K		33,800	28,500	30,700	26,200	23,900
Q1/X1	30K	190	29,300	24,600	26,600	22,600	20,700
	40K		31,300	26,300	28,500	24,200	22,100
	50K		25,400	21,400	23,100	19,700	18,000
	57K		31,300	26,300	28,500	24,200	22,100

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

The Field Adjustable Output option enables the OSQ Extra Large area luminaires 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 Q setting and will be fully adjustable between the nine settings.

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 OSQ 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 only be able to be adjusted down in the field through a dimming control (by others).

Q & X Option Power & Lumen Data – 65L

Q/X Option Setting	CCT	System Watts	Lumen Values				
		120-480V	Asymmetric	5M	5N & Floods	2M/AF w/BLS	3M/4M w/BLS
Q9 (Full Power)	30K	458	69,300	60,300	65,100	53,600	48,900
	40K		74,100	64,500	69,700	57,300	52,300
	50K		60,200	52,400	56,600	46,600	42,500
	57K		74,100	64,500	69,700	57,300	52,300
Q8/X8	30K	441	66,500	57,100	61,700	51,500	47,000
	40K		71,200	61,100	66,000	55,100	50,200
	50K		57,800	49,600	53,600	44,700	40,800
	57K		71,200	61,100	66,000	55,100	50,200
Q7/X7	30K	419	63,700	54,600	59,000	49,200	44,900
	40K		68,100	58,500	63,100	52,700	48,100
	50K		55,300	47,500	51,300	42,800	39,000
	57K		68,100	58,500	63,100	52,700	48,100
Q6/X6	30K	403	61,300	52,600	56,800	47,400	43,300
	40K		65,600	56,300	60,800	50,700	46,300
	50K		53,300	45,700	49,400	41,200	37,600
	57K		65,600	56,300	60,800	50,700	46,300
Q5/X5	30K	366	56,300	48,400	52,200	43,600	39,800
	40K		60,300	51,700	55,900	46,600	42,500
	50K		49,000	42,000	45,400	37,900	34,600
	57K		60,300	51,700	55,900	46,600	42,500
Q4/X4	30K	331	52,200	44,800	48,400	40,400	36,900
	40K		55,900	48,000	51,800	43,200	39,400
	50K		45,400	39,000	42,100	35,100	32,000
	57K		55,900	48,000	51,800	43,200	39,400
Q3/X3	30K	299	47,600	40,800	44,100	36,800	33,600
	40K		50,900	43,700	47,200	39,400	35,900
	50K		41,400	35,500	38,300	32,000	29,200
	57K		50,900	43,700	47,200	39,400	35,900
Q2/X2	30K	269	42,900	36,800	39,700	33,200	30,300
	40K		45,800	39,300	42,500	35,500	32,400
	50K		37,200	32,000	34,500	28,800	26,300
	57K		45,800	39,300	42,500	35,500	32,400
Q1/X1	30K	232	38,900	33,400	36,000	30,100	27,400
	40K		41,600	35,700	38,500	32,200	29,300
	50K		33,800	29,000	31,300	26,100	23,800
	57K		41,600	35,700	38,500	32,200	29,300

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

The Field Adjustable Output option enables the OSQ Extra Large area luminaires 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 Q setting and will be fully adjustable between the nine settings.

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 OSQ 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 only be able to be adjusted down in the field through a dimming control (by others).

Q & X Option Power & Lumen Data – 75L

Q/X Option Setting	CCT	System Watts	Lumen Values				
		120-480V	Asymmetric	5M	5N & Floods	2M/AF w/BLS	3M/4M w/BLS
Q9 (Full Power)	30K	553	80,400	70,800	76,400	62,200	56,700
	40K		86,000	75,700	81,800	66,500	60,700
	50K		69,800	61,500	66,400	54,000	49,300
	57K		86,000	75,700	81,800	66,500	60,700
Q8/X8	30K	524	75,000	66,100	71,400	58,000	52,900
	40K		80,200	70,700	76,300	62,100	56,600
	50K		65,200	57,400	62,000	50,400	46,000
	57K		80,200	70,700	76,300	62,100	56,600
Q7/X7	30K	495	71,700	63,100	68,200	55,400	50,600
	40K		76,700	67,500	72,900	59,300	54,100
	50K		62,300	54,900	59,200	48,200	43,900
	57K		76,700	67,500	72,900	59,300	54,100
Q6/X6	30K	468	68,700	60,500	65,300	53,100	48,500
	40K		73,500	64,700	69,900	56,800	51,800
	50K		59,700	52,600	56,800	46,200	42,100
	57K		73,500	64,700	69,900	56,800	51,800
Q5/X5	30K	425	63,000	55,500	59,900	48,700	44,400
	40K		67,300	59,300	64,100	52,100	47,500
	50K		54,700	48,200	52,000	42,300	38,600
	57K		67,300	59,300	64,100	52,100	47,500
Q4/X4	30K	383	58,400	51,500	55,600	45,200	41,200
	40K		62,500	55,000	59,400	48,300	44,100
	50K		50,800	44,700	48,300	39,300	35,800
	57K		62,500	55,000	59,400	48,300	44,100
Q3/X3	30K	345	52,600	46,300	50,000	40,700	37,100
	40K		56,300	49,600	53,500	43,500	39,700
	50K		45,700	40,300	43,500	35,400	32,300
	57K		56,300	49,600	53,500	43,500	39,700
Q2/X2	30K	304	47,400	41,800	45,100	36,700	33,500
	40K		50,700	44,700	48,200	39,200	35,800
	50K		41,200	36,300	39,200	31,900	29,100
	57K		50,700	44,700	48,200	39,200	35,800
Q1/X1	30K	268	43,900	38,600	41,700	33,900	31,000
	40K		46,900	41,300	44,600	36,300	33,100
	50K		38,100	33,600	36,300	29,500	26,900
	57K		46,900	41,300	44,600	36,300	33,100

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