

MOUNTING HARDWARE ACCESSORIES			
QTY	Description	CAT Logic	Finish
9	OSQ-Direct Arm Mount	OSQ-DABZ	
2	OSQ-Adjustable Arm Mount	OSQ-AABZ	
-	Single Side Mount Bracket	SQ-SP-D	
-	Twin Side Mount Bracket	(2) SQ-SP-D	
-	NTF-Knuckle Mount	NTF-KN-BZ	
-	Tenon Square - 4 at 90 deg	PB-4A4	
-	Single Round Tenon Reducer	79918	
-	Tenon Round - 2 at 180 deg.	79918 & 79952	
-	Tenon Round - 3 at 180 deg.	79918 & 79954	
-	NTF-Trunnion Mount	NTX-TR-BZ	
2	CP Beauty plate	RS9063-WT	
2	Wall Mount Bracket	WM-SP-D	
-	Vertical Tenon Mount Bracket	SP-TR-D	
-	OSQ HO-Direct Arm Mount	OSQ-HO-DA-BZ	
-	OSQ HO-Adjustable Arm Mount	OSQ-HO-AABZ	
-	Goof Ring-8"	GRRCRPTWT	
-	Goof Ring-10"	GRRCI0RPTWT	
-	Goof Ring-12"	GRRCI3RPTWT	
2	Goof Ring-6"	GRRCRPTWT	
-	2 X 2 Surface Mount	C-ACC-PSMK22	
-	NTF-Adjustable Arm Mount	NTX-AA-BZ	
-	Spring-Mount Ceiling Cover Plate	CP9000	
-	Single Square tenon Reducer	79912	
-	Twin Square tenon Reducer	79944A	
-	Triple Square tenon Reducer	79945A	

CAT #	Voltage
0	120V-277V
1	120V
2	208V
4	277V
5	480V
H	347-480V

INCANDESCENT, PAR, T8 and T12 Standard Output LED Solutions		
Qty	Existing Fixture	Solution
-	2 - 4 T8 Lamp	(2) LED118DT8G4840
-	A19	LED6DA19840
-	4 T8 Bulb	LED118DT8G4840
-	A19 Enclosed	LED150A21840


Wells Fargo Exterior Lighting Spec V1			
Exterior ATM / Night Depositors	5' circle	Spec - H	Spec - NH
ATM	10 fc	10 fc	10 fc
*Minimum FC levels	50' circle	2 fc	1 fc
If within 10' of a corner:	WF Parking areas within 60'	2 fc	1 fc
	40' unobstructed along wall (For 50' calc)	2 fc	1 fc
Night Depositors	5' circle	10 fc	10 fc
*Minimum FC levels	50' circle	2 fc	1 fc
If within 10' of a corner:	40' unobstructed along wall	2 fc	1 fc
Vestibule Door with ATM	5' circle	10 fc	10 fc
*Minimum FC levels	50' circle	2 fc	1 fc
If within 10' of a corner:	WF Parking areas within 60'	2 fc	1 fc
	40' unobstructed along wall (For 50' Calc)	2 fc	1 fc
Inside the vestibule doors with ATMND	*Minimum FC levels	All over the Vestibule	10 fc

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Meter Type
AHD_5'	Illuminance	Fc	131.82	165.5	82.4	1.60	2.01	Horizontal
AHD_50'	Illuminance	Fc	27.04	109.3	1.5	18.03	72.87	Horizontal
AHD_60'	Illuminance	Fc	14.33	65.3	1.8	7.96	36.28	Horizontal
ATM1_5'	Illuminance	Fc	69.30	95.6	21.9	3.16	4.37	Horizontal
ATM1_50'	Illuminance	Fc	20.95	79.4	1.5	13.97	52.93	Horizontal
ATM1_60'	Illuminance	Fc	20.43	114.5	2.4	8.51	47.71	Horizontal
ATM2_5'	Illuminance	Fc	48.72	64.0	25.9	1.88	2.47	Horizontal
ATM2_50'	Illuminance	Fc	11.06	46.4	1.9	5.82	24.42	Horizontal
ATM2_60'	Illuminance	Fc	6.38	33.5	1.7	3.75	19.71	Horizontal
Parking Layout	Illuminance	Fc	8.18	88.4	0.0	N.A.	N.A.	Horizontal
Tresspass	Illuminance	Fc	1.85	19.0	0.0	N.A.	N.A.	Horizontal

Symbol	Qty	Label	Description	Arr. Watts	Arr. Lum. Lumens	LLF
[Symbol]	12	C-WP-B-10L	C-WP-B-RDC-10L-40K-DB	76.4	10600	0.880
[Symbol]	14	RUL48	RUL48A0W40LB	42	4301	0.880
[Symbol]	7	LED Can	For Reference Only	13	1050	0.880
[Symbol]	2	OSQ-A-4ME-53W	OSQ-A-NM-4ME-Z-40K-UL-BZ	53	6896	0.880
[Symbol]	2	NEW_C-CP-7L	C-CP-C-SQ-7L-40K-WH	54.5	6880	0.880
[Symbol]	2	CDR6	CDR6-ALS-BACK-10VS-WH-LNV	13	1050	0.880
[Symbol]	2	C-CP-7L	C-CP-C-SQ-7L-40K-WH	54.5	6880	0.880
[Symbol]	2	2-OSQ-A-4ME-166W	2-OSQ-A-NM-4ME-T-40K-UL-BZ	332	43804	0.880
[Symbol]	1	OSQ-A-4ME-166W	OSQ-A-NM-4ME-T-40K-UL-BZ	166	21902	0.880
[Symbol]	1	New_OSQ-A-4ME-215W	OSQ-A-NM-4ME-U-40K-UL-BZ	214.51	27524	0.880
[Symbol]	1	New_OSQ-A-4ME-166W	OSQ-A-NM-4ME-T-40K-UL-BZ	166	21902	0.880
[Symbol]	1	NEW_C-WP-B-10L	C-WP-B-RDC-10L-40K-DB	76.4	10600	0.880
[Symbol]	1	LED Strip	For Reference Only	28.5	4115	0.880
[Symbol]	1	2-OSQ-A-4ME-53W	2-OSQ-A-NM-4ME-Z-40K-UL-BZ	106	13792	0.880
[Symbol]	1	2-Non WellsFargo Pole	For Reference only	106	13792	0.880

- Site Notes:**
- New 2 Qty's of Area lights, New 2 Qty's of Canopys and New 1 Qty of Wallpack are proposed for achieving the compliance are marked with Green circle.
 - All fixture are taken as per Audit Image and Street View.
 - LED Fixtures and Non WellsFargo Fixtures are captured for reference only.
 - Tree trimming are required marked with a Red polygon.
 - We will be pulling power from the closet source to be determined in the field.



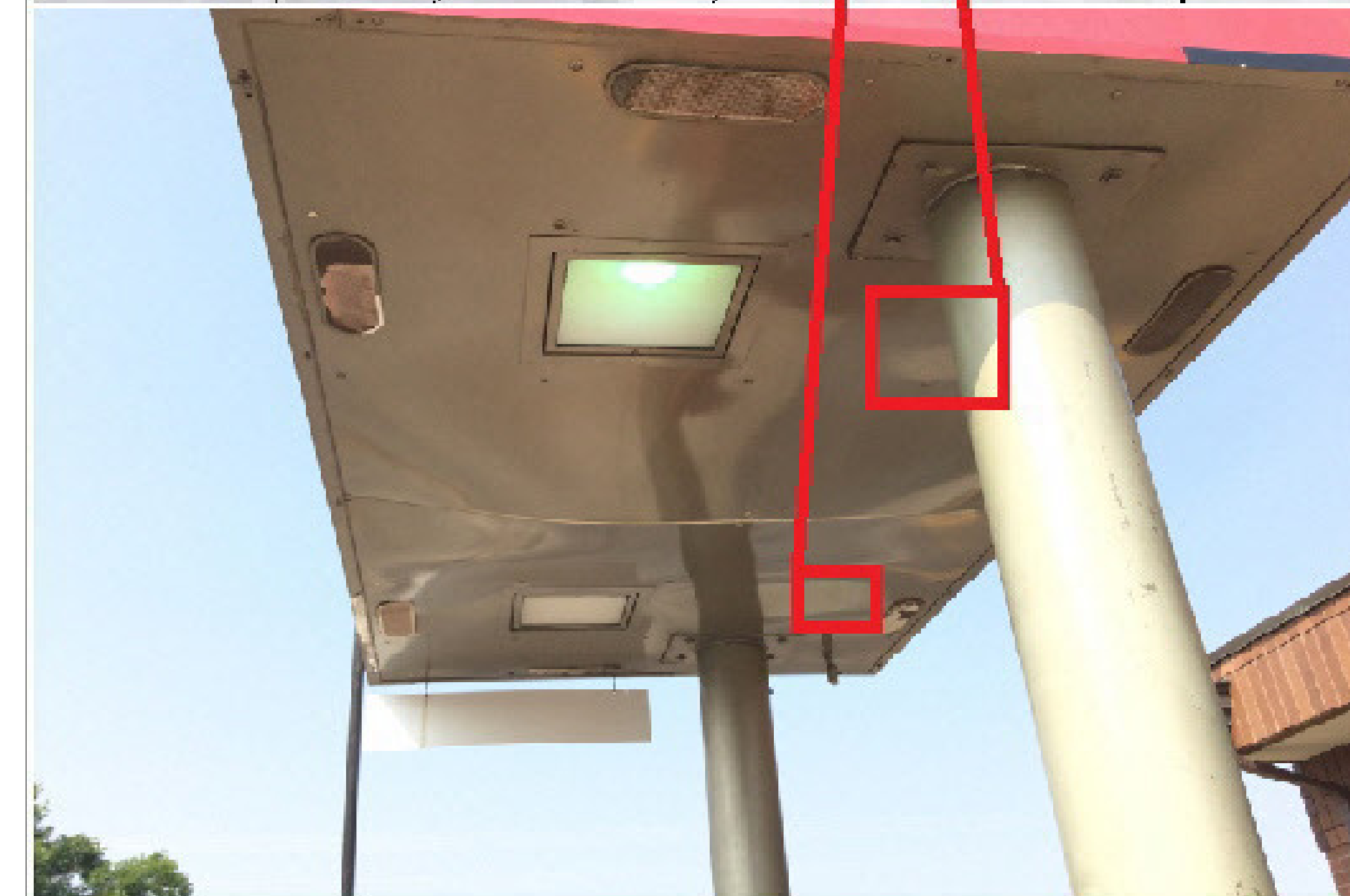
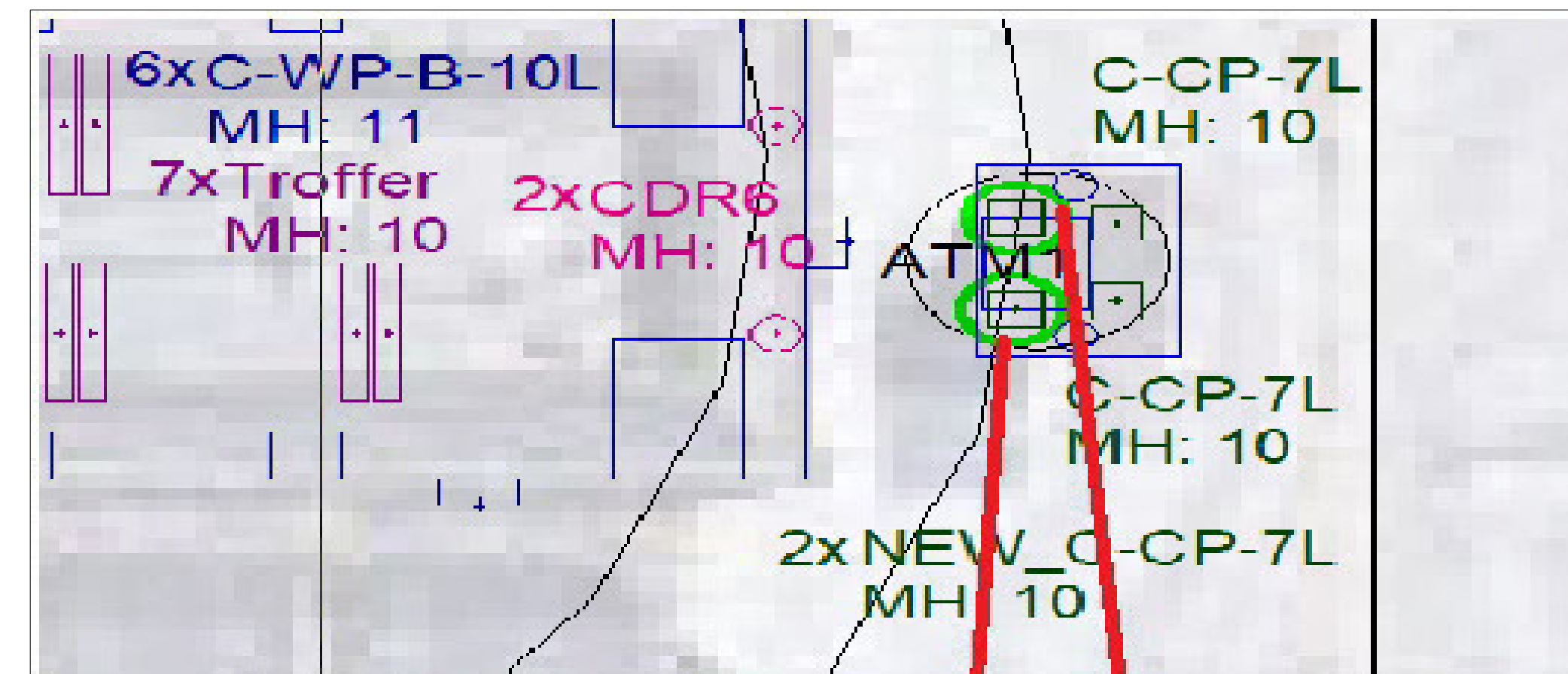
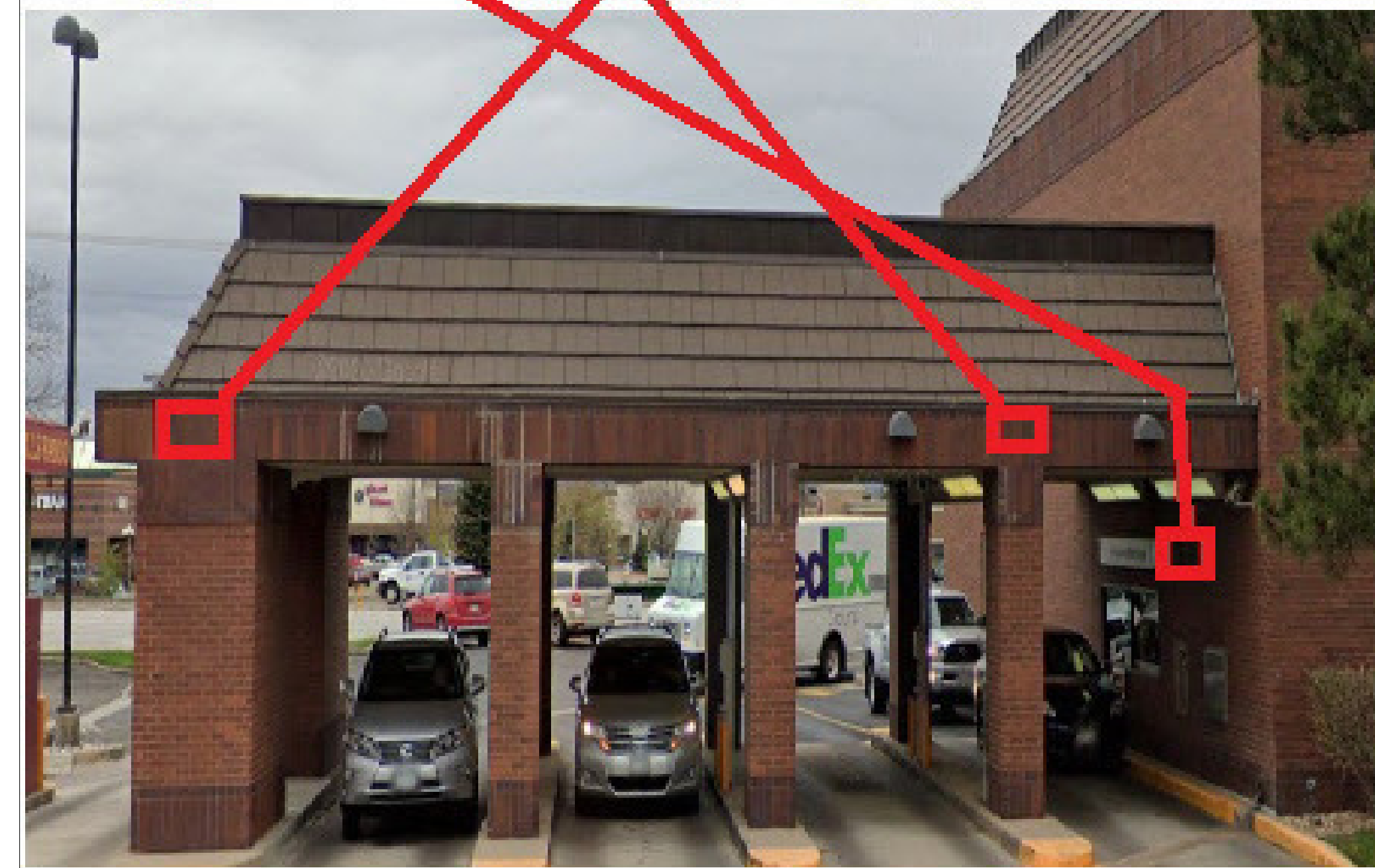
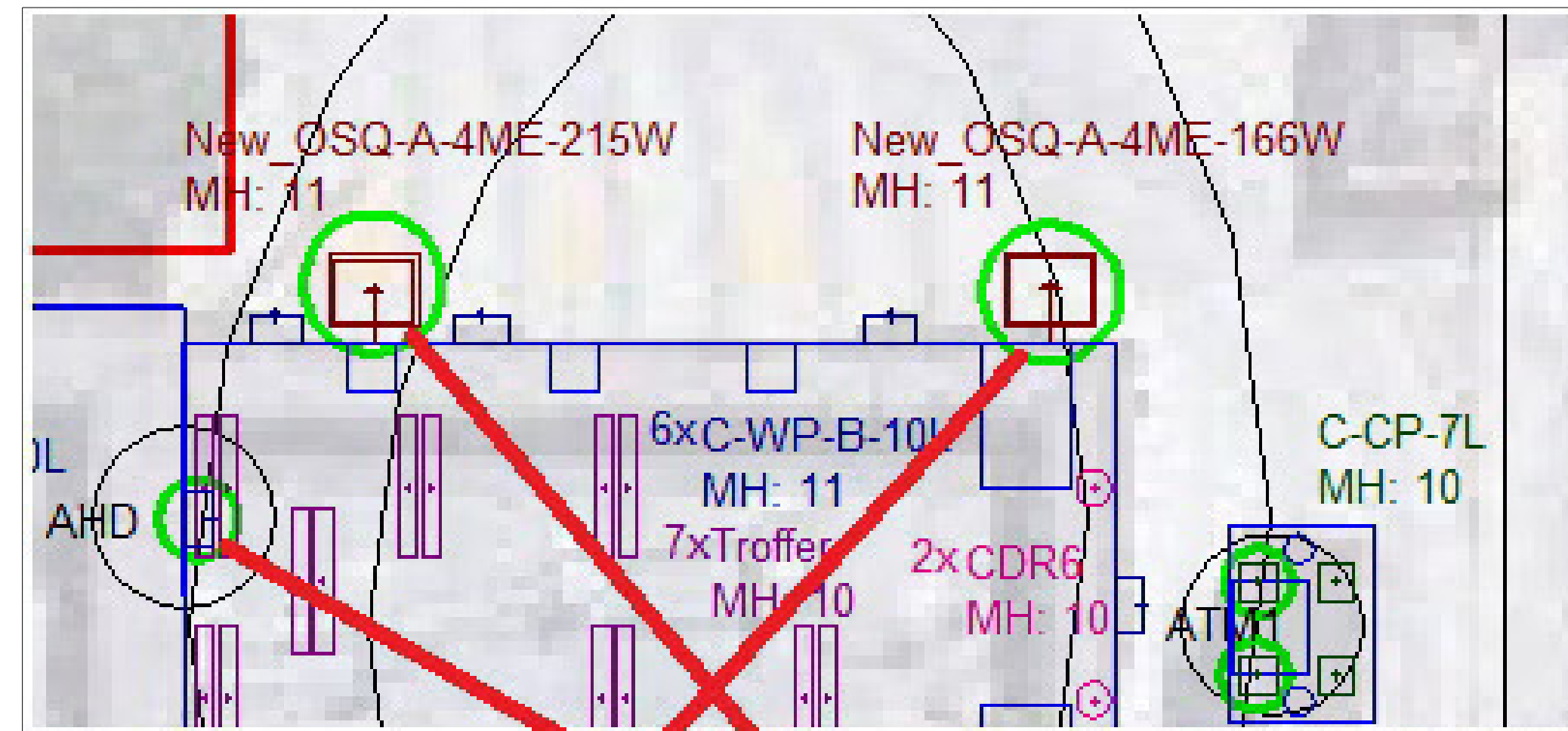

Southern Lighting Source
 800 Battery Avenue SE Suite 410
 Atlanta, GA

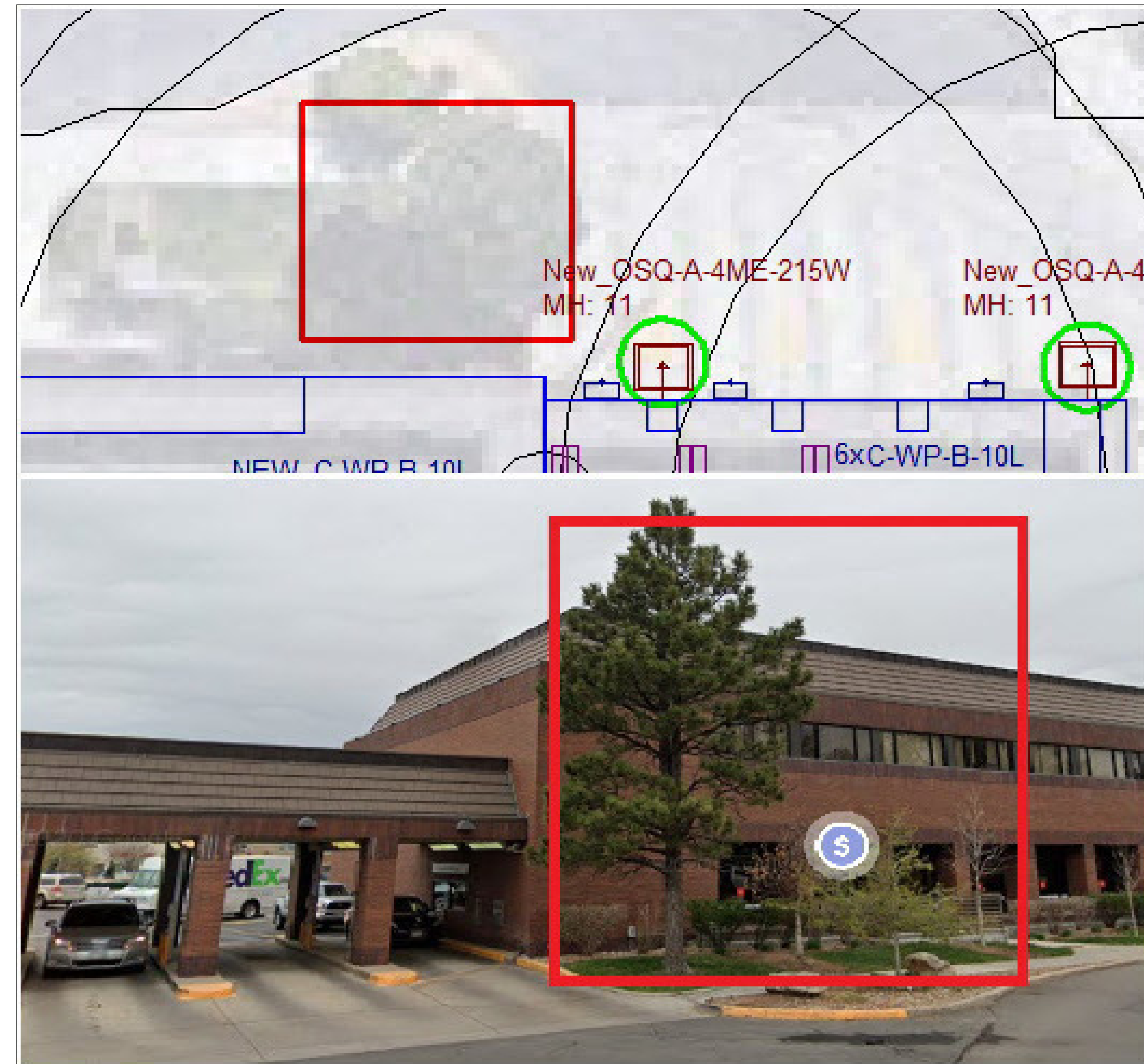
Designer: SS
 Date: 24-06-2022
 SLS Drawing #: WF # 120751 - Parker 10900 S PARKER RD PARKER CO AGI

WF # 120751 - Parker
 10900 S PARKER RD PARKER CO
 Horizontal and Vertical FC indicated
 Values at maintained output

Page 1 of 3

THIS IS A D SIZE SHEET. THE NOTED SCALE IS NOT VALID IF PRINTED AS ANY OTHER SIZE.





Lumination™ LED Luminaires

Refit Solutions
Refit™ Universal Linear Kit

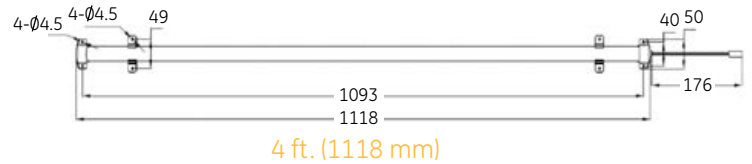


Project name _____
Date _____
Type _____

Product Description:

GE's Refit™ Universal Linear Kit (RUL) is an innovative kit designed to retrofit existing luminaires to efficient LED. This kit provides high uniformity and excellent efficiency. RUL is available in two lengths (2ft. and 4ft.) as well as various lumen and color temperature options. RUL is easy to install and fits into almost any existing linear fluorescent luminaire making it a perfect upgrade option where energy savings and long life are critical.

Product Dimensions:

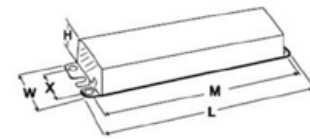
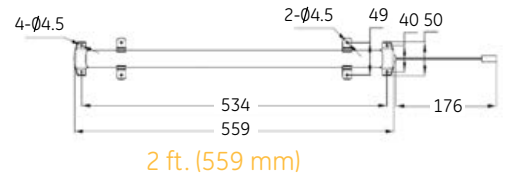


Performance Summary: 2 ft.

Distribution Patterns: Lambertian
Efficacy: 135+ LPW
System Input Power: 30W
Input Voltage: 120-277V
Standard Dimming Control: 0-10V
CCT: 3500K, 4000K & 5000K
Lumens: 4100/4200/4300
Typical CRI: 80
Color Consistency: 4 Step MacAdam Ellipse
Input Frequency (Hz): 50/60Hz
Power Factor: >0.9
Dimensions: See Diagrams to the right
Mounting: Retrofit, Surface
Limited Warranty: 5 Years Standard
Rated Life: L85 @ 50,000 hours
Storage Temperature: -40°C to 70°C
Operating Temperature: -4°F up to 104°F

Performance Summary: 4 ft.

Distribution Patterns: Lambertian
Efficacy: 120+ LPW
System Input Power: 42W
Input Voltage: 120-277V
Standard Dimming Control: 0-10V
CCT: 3500K, 4000K & 5000K
Lumens: 5100/5200/5300
Typical CRI: 80
Color Consistency: 4 Step MacAdam Ellipse
Input Frequency (Hz): 50/60Hz
Power Factor: >0.9
Dimensions: See Diagrams to the right
Mounting: Retrofit, Surface
Limited Warranty: 5 Years Standard
Rated Life: L85 @ 50,000 hours
Storage Temperature: -40°C to 70°C
Operating Temperature: -4°F up to 104°F



L: 9.5in x M: 8.9in x W: 1.3in x H: 1.2in

Certified by:



Please refer to the DLC QPL website for the latest and most complete information.
<http://www.designlights.org/QPL>

a product of
ecomagination™

Ordering Information:

RUL **8** **A** **0** **WW** **LB**

PRODUCT ID	LENGTH	CRI (MIN.)	GENERATION	VOLTAGE	NOMINAL LUMENS	CCT (TYP.)	DISTRIBUTION
R = Refit U = Universal L = Linear	24 = 2' Ft. 48 = 4' Ft.	8 = 80 CRI	A = 1st Generation	0 = 120-277V	[WW] = See lumen tables	35 = 3500K 40 = 4000K 50 = 5000K	LB = Lambertian

GE PRODUCT CODE	SKU DESCRIPTION	LENGTH/COLOR TEMP
93060959	RUL248A0WW35LB	2 ft. - 3500K
93060960	RUL248A0WW40LB	2 ft. - 4000K
93060961	RUL248A0WW50LB	2 ft. - 5000K
93060962	RUL488A0WW35LB	4 ft. - 3500K
93060963	RUL488A0WW40LB	4 ft. - 4000K
93060964	RUL488A0WW50LB	4 ft. - 5000K

current
powered by GE

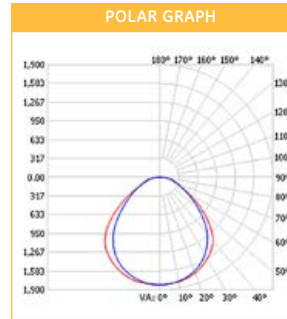


Photometric Data: Lumination™ Refit Universal Linear

RUL-xx-8-A-0-WW-xx-LB

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	171.8
10-20°	496.3
20-30°	756.5
30-40°	904.2
40-50°	874.9
50-60°	666.4
60-70°	391.6
70-80°	226.4
80-90°	85.7

ZONAL LUMEN SUMMARY			
Zone	Lumens	% of Lamp	% of Fixture
0-30°	1,424.5	N.A.	31.0
0-40°	2,328.7	N.A.	50.7
0-60°	3,870.0	N.A.	84.3
0-90°	713.7	N.A.	15.5
90-120°	323.9	N.A.	7.1
90-130°	3.5	N.A.	0.1
90-150°	4,583.7	N.A.	99.8
90-180°	8.3	N.A.	0.2
0-180°	4,592.0	N.A.	100



Product Specifications:

Construction:

- Lightweight aluminum heat sink is durable
- Quick push in wiring connectors
- Shatterproof polycarbonate tubing

Electrical System:

- Class 2, replaceable, high efficiency LED driver rated for 50,000 hours when used within operating conditions

Installation:

- Quick Retrofit kit installation
- Each Kit comes with a Driver (Qty 1), LED Tubes (Qty 2), and Driver / Tube Quick connections
- Includes Plastic mounting clips with integrated magnets allow tubes to be easily snapped into the existing housing

Optical System:

- Designed to achieve optimal light distribution and performance

For more information and access to all of our resources, including our design tool visit: www.gelighting.com

LENGTH	CCT	TYPICAL SYSTEM LUMENS	TYPICAL SYSTEM WATTS	LPW	FIXTURE LUMENS TROFFER	LPW	FIXTURE LUMENS LINEAR AMBIENT	LPW
2ft	3500K	4100	30	136	3200	106	3800	126
2ft	4000K	4200	30	140	3300	110	3900	130
2ft	5000K	4300	30	143	3400	113	4000	133
4ft	3500K	5100	42	121	4200	100	4800	114
4ft	4000K	5200	42	123	4300	102	4900	116
4ft	5000K	5400	42	128	4400	104	5100	121

current
powered by GE

All trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. Current, powered by GE is a business of the General Electric Company.
© 2017 GE.



CDR Series

CDR6, CDR8, CDR10 LED Downlight - 6", 8", 9.5"/10"

Rev. Date: V2 10/28/2020

Product Description

The CDR LED downlight offers high quality customizable light with lumen and CCT selectable switches. Ideal for replacing compact fluorescent lamp and fixtures, the new CDR LED downlight is available in 6", 8", and 9.5"/10" new construction and retrofit applications.

Applications: New construction or upgrade for residential and commercial lighting

Performance Summary

Initial Delivered Lumens: 750 to 5,000 Lumens Selectable Switch (Reference Table Below)

Input Power: 9W to 52W (Reference Table Below)

CRI: 90+

CCT: 3000K/3500K/4000K Selectable Switch

Limited Warranty*: 5 years

Lifetime: Designed to last 50,000 hours

Dimming: 0-10V Dimming to 5%

Rated for Dry, Damp, and Wet Locations

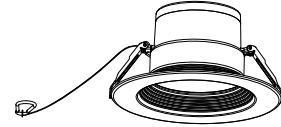
Easy to install in new construction or retrofit housing with spring action housing clips

Operating Temperature Range: -20°C to +40°C [-4° F - +104° F]

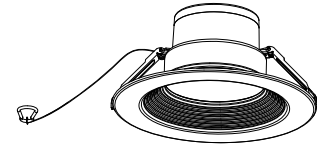
*See <http://creelighting.com/warranty> for warranty terms



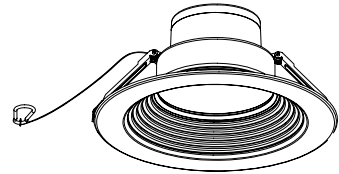
CDR6



CDR8



CDR10



Dimensions			
Luminaire	Lens	O.D.	Height
CDR6	5.9" (149mm)	8.4" (214mm)	4.4" (113mm)
CDR8	7.4" (187mm)	10.1" (256mm)	4.8" (121mm)
CDR10	8.7" (221mm)	11.4" (289mm)	5.3" (133mm)

Ordering Information

Example: CDR6-ALS-9ACK-10V5-WH-UNV

CDR		9ACK		10V5		WH		UNV	
Family	Size	Lumen Package	CRI/CCT	Distribution	Control	Color	Voltage		
CDR	6 6"	ALS 9/13/19W 750/1050/1500 Lumens	90 CRI, 3000K/3500K/4000K	Blank 95°-100° Beam Angle	10V5 0-10V Dimming to 5%	WH White	UNV - Universal 120-277V		
	8 8"	ALS 16.5/23/29W 1500/2000/2500 Lumens ALH 34/42/52W 3300/4000/5000 Lumens							
	10 9.5-10"	ALS 21/29.5/37.5W 2000/2500/3200 Lumens							



CREE  **LIGHTING**

US: creelighting.com T (800) 236-6800 F (262) 504-5415

Canada: creelighting-canada.com T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS

- Durable upper housing protects LEDs, driver and power supply
- Thermal management system uses both upper housing and lower reflector to conduct heat away from LEDs and transfer it to the plenum space for optimal performance. LED junction temperatures stay below specified maximum even when installed in insulated ceilings
- ALS lumen packages are suitable for insulated and non-insulated ceilings. ALH lumen package is suitable for non-insulated ceilings only

OPTICAL SYSTEM

- Unique combination of reflective and refractive optical components achieves a uniform, comfortable appearance while eliminating pixelation and color fringing. This ensures smooth light patterns are projected with no hot spots and minimal striations
- Components work together to optimize distribution, balancing the delivery of high illuminance levels on horizontal surfaces with an ideal amount of light on walls and vertical surfaces. This increases the perception of spaciousness
- Diffusing polycarbonate lens shields direct view of LEDs while lower reflector balances brightness of lens with the ceiling to create a low-glare high angle appearance
- Both lumen output and CCT are adjustable with switches in the field to meet the requirements of numerous applications
- Beam Angle: 95°-100° (included angle between points of 50% of maximum intensity)

ELECTRICAL SYSTEM

- Integral, high-efficiency power supply
- **Power Factor:** > 0.9
- **Total Harmonic Distortion:** < 20%
- **Input Voltage:** 120-277V, 50/60hz
- **Dimming:** Dimmable to 5% with 0-10V dimmers
- Use only lighting controls with neutral connection or controls intended for use with LED fixtures
- **Operating Temperature Range:** -20°C to +40°C (-4° F - +104° F)

REGULATORY & VOLUNTARY QUALIFICATIONS

- cETLus Listed
- Suitable for wet locations for covered ceilings only
- Meets NEMA C82.77 standards
- Requires minimum 90°C supply conductors
- Meets FCC Part 15, Subpart B, Class B limits for conducted and radiated emissions
- ENERGY STAR® certified. Please refer to <https://www.energystar.gov/productfinder/product/certified-light-fixtures/results> for most current information
- Meets CA Title 24 JA8 Requirements
- RoHS Compliant. Consult factory for additional details
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm - www.p65warnings.ca.gov

CDR Series Ambient Adjusted Lumen Maintenance ¹					
	Initial LMF	15K hr Reported ² LMF	25K hr Reported ² LMF	35K hr Reported ² LMF	50K hr Reported ² LMF
0°C (32°F)	1.04	0.98	0.93	0.88	0.82
5°C (41°F)	1.03	0.97	0.92	0.88	0.81
10°C (50°F)	1.03	0.96	0.92	0.87	0.80
15°C (59°F)	1.02	0.96	0.91	0.86	0.80
20°C (68°F)	1.01	0.95	0.90	0.85	0.79
25°C (77°F)	1.00	0.94	0.89	0.85	0.78
30°C (86°F)	0.99	0.93	0.88	0.83	0.77
35°C (95°F)	0.98	0.92	0.87	0.82	0.75
40°C (104°F)	0.97	0.91	0.85	0.81	0.74

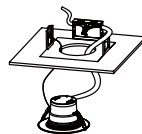
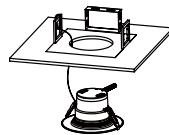
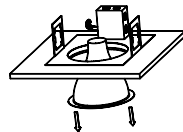
¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors.

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.

Installation

- For retrofit installation, the CDR series is easy to install in standard 5-6", 8", 9.5"/10" housings
- For new construction installation, the CDR series mounts easily to an existing junction box
- Recommended ceiling cutout - CDR6: 6-1/8" to 7-3/16"; CDR8: 7-9/16" to 8-11/16"; CDR10: 8-7/8" to 10"
- Requires access above the ceiling
- Quick install system using the spring clip system for easy install into existing can or junction box.

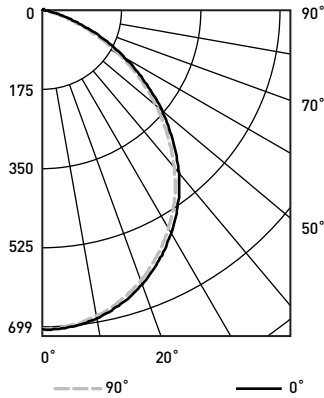
NOTE: Reference <https://www.creelink.com/exLink.asp?628607400V82U31165432200> for detailed installation instructions



Photometry

CDR6-ALS-9ACK-10V5-WH-UNV, High Lumen Package, 3000K BASED ON TEST#: STD190813NB-A1

Luminaire photometry has been conducted in accordance with IES LM-79-08. IES LM-79-08 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%



Coefficients Of Utilization – Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	110	106	103	99
2	101	94	88	83
3	93	84	77	71
4	86	75	67	61
5	79	68	59	53
6	74	61	53	47
7	68	56	48	42
8	64	51	43	38
9	60	47	39	34
10	56	44	36	31

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m ²)			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	31,046	31,741	32,332
55°	25,604	26,265	27,009
65°	17,326	18,493	19,371
75°	7,612	8,405	9,028
85°	4,530	5,153	5,815

Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	526	N/A	33.3%
0-40	842	N/A	53.4%
0-60	1,375	N/A	87.2%
0-90	1,555	N/A	98.6%
0-180	1,577	N/A	100%

Reference creelighting.com/products/indoor/downlights/cdr-series for detailed photometric data

Application Reference

CDR6-ALS

Open Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft ²	Average fc
4 x 4	Low	750	9	83.3	0.54	44
6 x 6	Low	750	9	83.3	0.25	21
8 x 8	Low	750	9	83.3	0.14	11
10 x 10	Low	750	9	83.3	0.09	7
4 x 4	Medium	1,050	13	80.8	0.78	61
6 x 6	Medium	1,050	13	80.8	0.36	29
8 x 8	Medium	1,050	13	80.8	0.20	15
10 x 10	Medium	1,050	13	80.8	0.13	10
4 x 4	High	1,500	19	78.9	1.14	88
6 x 6	High	1,500	19	78.9	0.53	41
8 x 8	High	1,500	19	78.9	0.29	22
10 x 10	High	1,500	19	78.9	0.19	15

Open Space: 50' Wide x 40' Long x 10' Ceiling, 80/50/20 Reflectances, 2.5 workplane, LLF: 1.0 Initial.

Corridor Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft ²	Average fc
4' OC	Low	750	9	83.3	0.38	15
6' OC	Low	750	9	83.3	0.26	10
8' OC	Low	750	9	83.3	0.18	7
10' OC	Low	750	9	83.3	0.15	6
4' OC	Medium	1,050	13	80.8	0.54	21
6' OC	Medium	1,050	13	80.8	0.37	14
8' OC	Medium	1,050	13	80.8	0.26	10
10' OC	Medium	1,050	13	80.8	0.22	8
4' OC	High	1,500	19	78.9	0.79	30
6' OC	High	1,500	19	78.9	0.54	20
8' OC	High	1,500	19	78.9	0.38	14
10' OC	High	1,500	19	78.9	0.32	12

Corridor: 6' Wide x 100' Long x 10' Ceiling, 80/50/20 Reflectances, Light levels on the ground, LLF: 1.0 Initial.

Application Reference

CDR8-ALS

Open Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4 x 4	Low	1,500	16.5	90.9	0.99	88
6 x 6	Low	1,500	16.5	90.9	0.46	41
8 x 8	Low	1,500	16.5	90.9	0.25	22
10 x 10	Low	1,500	16.5	90.9	0.17	15
4 x 4	Medium	2,000	23	87.0	1.38	117
6 x 6	Medium	2,000	23	87.0	0.64	55
8 x 8	Medium	2,000	23	87.0	0.35	29
10 x 10	Medium	2,000	23	87.0	0.23	20
4 x 4	High	2,500	29	86.2	1.74	146
6 x 6	High	2,500	29	86.2	0.81	68
8 x 8	High	2,500	29	86.2	0.44	37
10 x 10	High	2,500	29	86.2	0.29	24

Open Space: 50' Wide x 40' Long x 10' Ceiling, 80/50/20 Reflectances, 2.5 workplane. LLF: 1.0 Initial.

Corridor Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4' OC	Low	1,500	16.5	90.9	0.69	30
6' OC	Low	1,500	16.5	90.9	0.47	20
8' OC	Low	1,500	16.5	90.9	0.33	14
10' OC	Low	1,500	16.5	90.9	0.28	12
4' OC	Medium	2,000	23	87.0	0.96	40
6' OC	Medium	2,000	23	87.0	0.65	27
8' OC	Medium	2,000	23	87.0	0.46	19
10' OC	Medium	2,000	23	87.0	0.38	16
4' OC	High	2,500	29	86.2	1.21	49
6' OC	High	2,500	29	86.2	0.82	34
8' OC	High	2,500	29	86.2	0.58	24
10' OC	High	2,500	29	86.2	0.48	20

Corridor: 6' Wide x 100' Long x 10' Ceiling, 80/50/20 Reflectances, Light levels on the ground. LLF: 1.0 Initial.

CDR8-ALH

Open Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4 x 4	Low	3,300	34	97.1	2.04	193
6 x 6	Low	3,300	34	97.1	0.95	90
8 x 8	Low	3,300	34	97.1	0.51	48
10 x 10	Low	3,300	34	97.1	0.34	32
4 x 4	Medium	4,000	42	95.2	2.52	234
6 x 6	Medium	4,000	42	95.2	1.18	109
8 x 8	Medium	4,000	42	95.2	0.63	59
10 x 10	Medium	4,000	42	95.2	0.42	39
4 x 4	High	5,000	52	96.2	3.12	293
6 x 6	High	5,000	52	96.2	1.46	137
8 x 8	High	5,000	52	96.2	0.78	73
10 x 10	High	5,000	52	96.2	0.52	49

Open Space: 50' Wide x 40' Long x 10' Ceiling, 80/50/20 Reflectances, 2.5 workplane. LLF: 1.0 Initial.

Corridor Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4' OC	Low	3,300	34	97.1	1.42	66
6' OC	Low	3,300	34	97.1	0.96	45
8' OC	Low	3,300	34	97.1	0.68	32
10' OC	Low	3,300	34	97.1	0.57	26
4' OC	Medium	4,000	42	95.2	1.75	80
6' OC	Medium	4,000	42	95.2	1.19	54
8' OC	Medium	4,000	42	95.2	0.84	38
10' OC	Medium	4,000	42	95.2	0.70	32
4' OC	High	5,000	52	96.2	2.17	99
6' OC	High	5,000	52	96.2	1.47	68
8' OC	High	5,000	52	96.2	1.04	48
10' OC	High	5,000	52	96.2	0.87	40

Corridor: 6' Wide x 100' Long x 10' Ceiling, 80/50/20 Reflectances, Light levels on the ground. LLF: 1.0 Initial.

Application Reference

CDR10-ALS

Open Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4 x 4	Low	2,000	21	95.2	1.26	117
6 x 6	Low	2,000	21	95.2	0.59	55
8 x 8	Low	2,000	21	95.2	0.32	29
10 x 10	Low	2,000	21	95.2	0.21	20
4 x 4	Medium	2,500	29.5	84.7	1.77	146
6 x 6	Medium	2,500	29.5	84.7	0.83	68
8 x 8	Medium	2,500	29.5	84.7	0.44	37
10 x 10	Medium	2,500	29.5	84.7	0.30	24
4 x 4	High	3,200	37.5	85.3	2.25	187
6 x 6	High	3,200	37.5	85.3	1.05	87
8 x 8	High	3,200	37.5	85.3	0.56	47
10 x 10	High	3,200	37.5	85.3	0.38	31

Open Space: 50' Wide x 40' Long x 10' Ceiling, 80/50/20 Reflectances, 2.5 workplane. LLF: 1.0 Initial.

Corridor Space						
Spacing	Lumen Package	Lumens	Wattage	LPW	w/ft2	Average fc
4' OC	Low	2,000	21	95.2	0.88	40
6' OC	Low	2,000	21	95.2	0.60	27
8' OC	Low	2,000	21	95.2	0.42	19
10' OC	Low	2,000	21	95.2	0.35	16
4' OC	Medium	2,500	29.5	84.7	1.23	50
6' OC	Medium	2,500	29.5	84.7	0.84	34
8' OC	Medium	2,500	29.5	84.7	0.59	24
10' OC	Medium	2,500	29.5	84.7	0.49	20
4' OC	High	3,200	37.5	85.3	1.56	64
6' OC	High	3,200	37.5	85.3	1.06	43
8' OC	High	3,200	37.5	85.3	0.75	31
10' OC	High	3,200	37.5	85.3	0.63	25

Corridor: 6' Wide x 100' Long x 10' Ceiling, 80/50/20 Reflectances, Light levels on the ground. LLF: 1.0 Initial.

C-CP-C-SQ Series

Square LED Canopy Light

Replaces up to 250W PSMH



AFFORDABLE, ENERGY EFFICIENT AND MADE TO LAST

Our C-CP-C-SQ Series Square LED Canopy Light features a highly durable design and delivers affordability and energy efficiency to any canopy application. It comes cULus Listed for wet locations and is DLC Premium 5.1 Listed, delivering up to 144 LPW. This means it delivers even more savings on monthly energy bills than less energy efficient products. It's a perfect option for added security at entryways and around perimeters.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: 3800 (3L); 4900 (4L); 7000 (7L); 13,000 (12L)
- CRI: ≥ 70
- CCT: Neutral White 4000K, Cool White 5000K
- Input Power: 27W (3L); 38W (4L); 53W (7L); 90W (12L)
- Dimmable: 0-10V to 10%
- Operating Temperature Range: -22°F to 104°F (-30°C to 40°C)
- Estimated L₇₀ Lifetime @ 25°C: >54,000 hours
- Power Factor: > 0.9
- Total Harmonic Distortion: < 20% at full load
- Limited Warranty: 5-Years*
- 3L & 4L:** Replaces 100W PSMH; **7L:** Replaces 150W PSMH/175W MH; **12L:** Replaces 250W PSMH
- For use under covered ceilings only

FEATURES	DURABLE	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> Uses up to 80% less energy than comparable PSMH fixtures Type VS distribution pattern 	<ul style="list-style-type: none"> Polyester powder-coat finish provides corrosion protection for long-lasting color UV-stabilized acrylic lens designed to last Die-cast aluminum housing 	<ul style="list-style-type: none"> Security Entryways Perimeter Lighting Exterior canopies 	<ul style="list-style-type: none"> Universal (120V through 277V Operation)

ORDERING INFORMATION

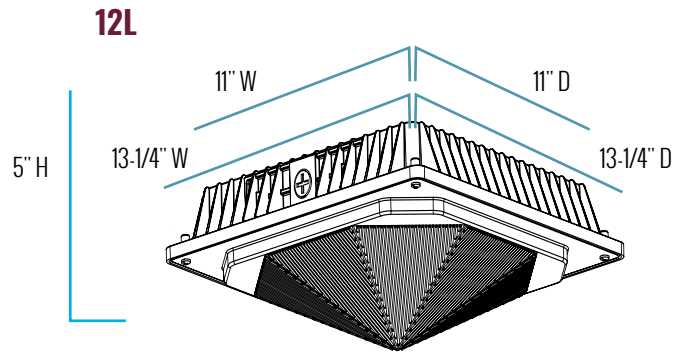
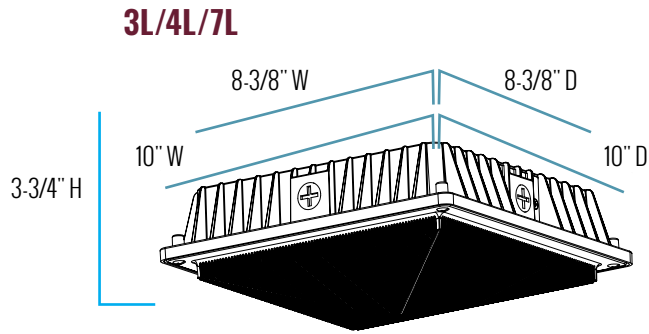
Example: C-CP-C-SQ-12L-50K-DB

C-CP-C	SQ	LUMEN PACKAGE		CCT	COLOR
C-CP-C	SQ Square	3L 3800 Lumens 27W 4L 4900 Lumens 38W	7L 7000 Lumens 53W 12L 13,000 Lumens 90W	40K Neutral White (4000K) 50K Cool White (5000K)	DB Dark Bronze WH White

CERTIFICATIONS-



C-CP-C-SQ Series



SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	SPACING
3L: 8-3/8" H x 8-3/8" W x 3-3/4" D, 10" H x 10" W (Outer Edge)	4.00 lbs.	10 to 15 feet	1-2 times the mounting height
4L: 8-3/8" H x 8-3/8" W x 3-3/4" D, 10" H x 10" W (Outer Edge)	4.11 lbs.	10 to 15 feet	1-2 times the mounting height
7L: 8-3/8" H x 8-3/8" W x 3-3/4" D, 10" H x 10" W (Outer Edge)	4.35 lbs.	15 to 20 feet	1-2 times the mounting height
12L: 11" H x 11" W x 5" D, 13-1/4" H x 13-1/4" W (Outer Edge)	9.00 lbs.	15 to 25 feet	2-3 times the mounting height

FIXTURE SPECIFICATIONS

HOUSING	Low-copper, die-cast aluminum housing Dark bronze or white polyester powder-coat finish
LENS ASSEMBLY	UV-stabilized acrylic prismatic refractor with self-retaining screws
MOUNTING	3/4" conduit entry on top for pendant mounting (pendant by others) 1/2" conduit entries on two sides

LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED L ₇₀ LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-22°F to 104°F (-30°C to 40°C)	>54,000 Hours	>0.9 at full load	<20% at full load	0-10V to 10%

LUMEN PACKAGE	DISTRIBUTION	LUMEN OUTPUT	BUG RATINGS*	SYSTEM WATTS	CURRENT DRAW (AMPS)			
					120V	208V	240V	277V
3L	Type VS	3800	B1-U2-G1	27	0.23A	0.13A	0.11A	0.10A
4L		4900	B2-U2-G2	38	0.30A	0.17A	0.15A	0.13A
7L		7000	B2-U2-G2	53	0.44A	0.25A	0.22A	0.19A
12L		13,000	B3-U3-G3	90	0.75A	0.43A	0.37A	0.32A

* 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.

C-CP-C-SQ Series

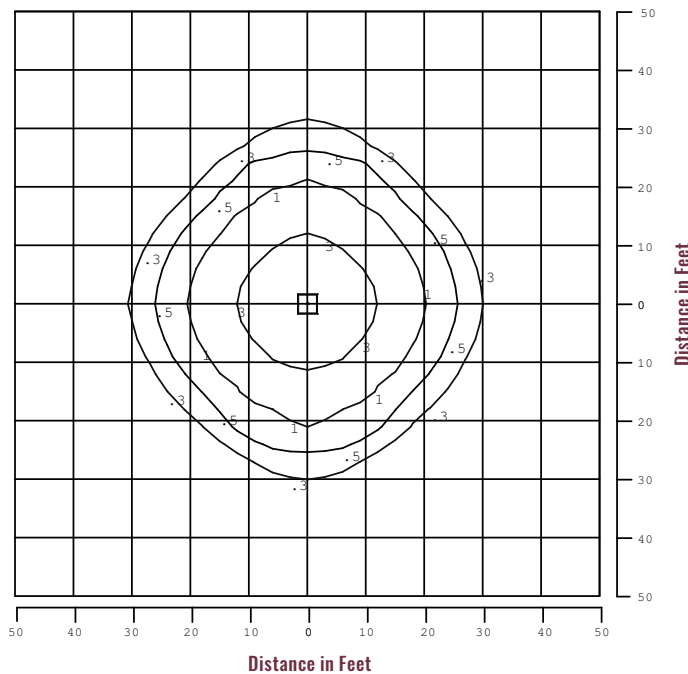
WARRANTY AND CERTIFICATIONS

WARRANTY	cULus LISTED	DLC
5-Year Limited*	Wet Locations For use under covered ceilings only. Not intended for use with direct exposure to high-pressure	5.1 Premium Refer to https://www.designlights.org/search/ for most current information.

ISO PLOT CHART

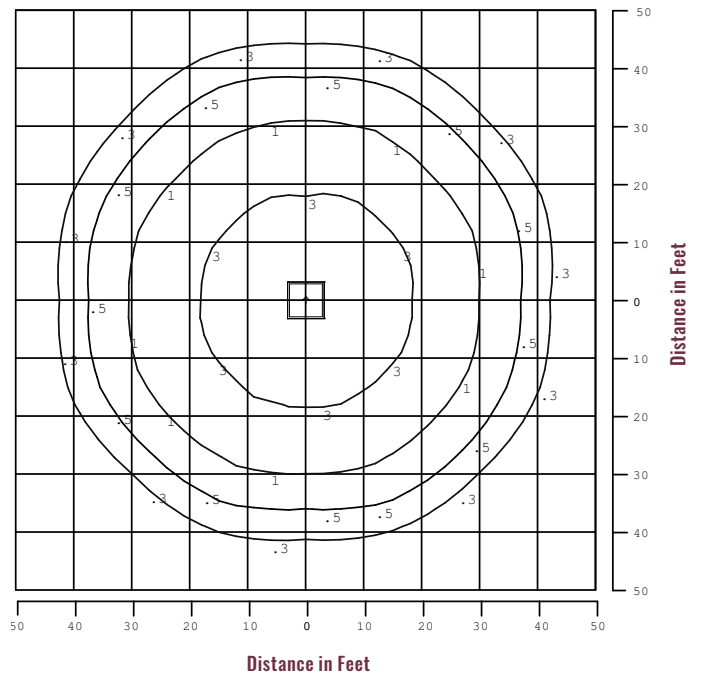
C-CP-C-SQ-4L-50K

Mounted at 15' AFG
IES Classification Type VS
Longitudinal Classification Very Short



C-CP-C-SQ-12L-50K

Mounted at 15' AFG
IES Classification Type VS
Longitudinal Classification Very Short



Note: All published photometric testing performed to IES LM-79-08 standards. Fixture photometry was completed on a single representative fixture. Foot candle levels are noted inside graph.



CA RESIDENTS WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

© 2021 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. C-Lite and the C-Lite logo are registered trademarks of Cree Lighting. The cULus logo is a registered trademark of UL LLC. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Northeast Efficiency Partnerships, Inc.

US- creelighting.com, e-conolight.com

Distribution/Sales- 855-617-2733 | Customer Service- 888-243-9445

Rev. Date: 07/20/2021

For informational purposes only. Content is subject to change. *See lighting.cree.com/warranty for details

C-LITE
LED LIGHTING

C-WP-B-RDC Series

Cutoff LED Wall Pack

Replaces up to 400W PSMH



OFF THE WALL SAVINGS

Our cULus listed C-Lite Cutoff LED Wall Pack delivers up to 21,100 lumens and is available in 4000K and 5000K. It's dimmable, for maximum energy savings, and comes with a 5-year limited warranty. It also comes with a DLC Premium 5.1 Listing.



PRODUCT SPECIFICATIONS

OVERVIEW

- Initial Delivered Lumens: 1500 - 21,000 Lumens
- CRI: ≥ 70
- CCT: 4000K, 5000K
- Mounting height: 12 - 25 feet
- Input Power: 12W/22W/47W/77W/144W
- Dimmable: Yes, 0-10V
- Operating Temperature Range: -40°F to 104°F (-40°C to 40°C)
- Estimated L70 Lifetime @ 25°C: > 100,000 hours
- Power Factor: > 0.9
- Total Harmonic Distortion: < 20%
- Limited Warranty: 5 Years*
- Replaces up to 400 PSMH

FEATURES	RECOMMENDED USE	INPUT VOLTAGE
<ul style="list-style-type: none"> • Replaces up to 400W PSMH • 4kV Surge suppression • Contractor friendly install 	<ul style="list-style-type: none"> • Security • Perimeter • Commercial 	<ul style="list-style-type: none"> • Universal (120V through 277V Operation)

ORDERING INFORMATION

Example: C-WP-B-RDC-1L-40K-DB

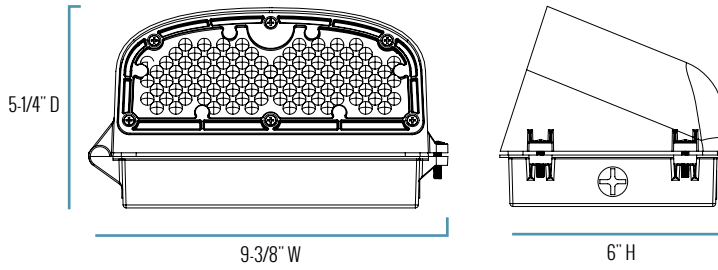
C-WP	B	RDC	LUMEN PACKAGE		CCT	DB
PRODUCT	SERIES	TYPE	LUMEN PACKAGE		CCT	COLOR
C-WP	B	RDC Round Cutoff	1L 1500L 12W 3L 3000L (4000K), 3100L (5000K) 22W 6L 6200L (4000K), 6300L (5000K) 47W	10L 10,600L 77W 20L 20,900L (4000K), 21,100L (5000K) 144W	40K 4000K (Neutral White) 50K 5000K (Cool White)	DB Dark Bronze

CERTIFICATIONS

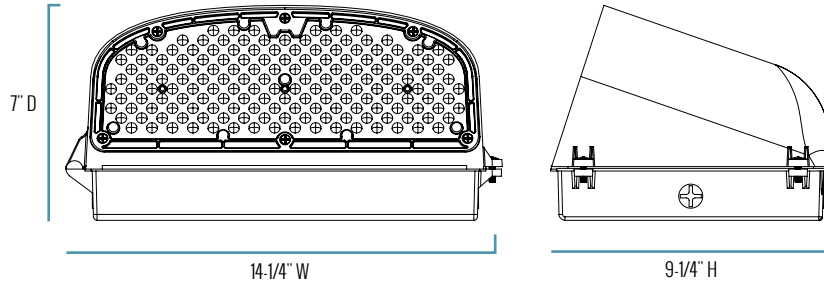


C-WP-B-RDC Series

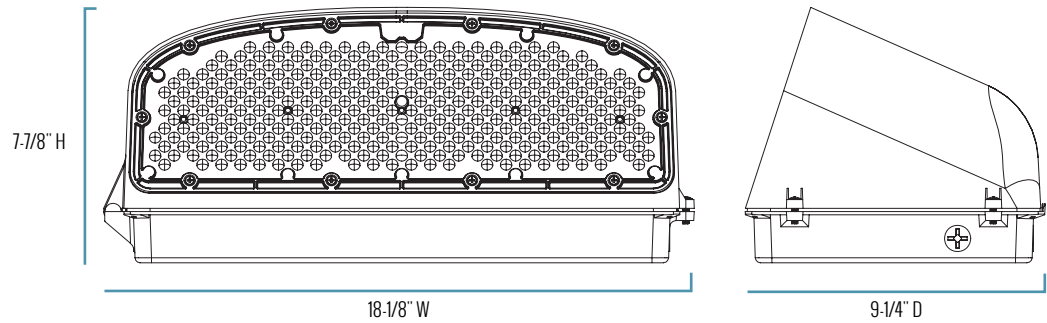
C-WP-B-RDC-1L, 3L



C-WP-B-RDC-6L, 10L



C-WP-B-RDC-20L



SERIES OVERVIEW

DIMENSIONS	PRODUCT WEIGHT	MOUNTING HEIGHT	RECOMMENDED SPACING
(C-WP-B-RDC-1L) 9-3/8" W x 6" H x 5-1/4" D	2.41 lbs.	12-20 feet	2-3x mounting height
(C-WP-B-RDC-3L) 9-3/8" W x 6" H x 5-1/4" D	2.58 lbs.	12-20 feet	
(C-WP-B-RDC-6L) 14-1/4" W x 9-1/4" H x 7" D	5.65 lbs.	12-20 feet	
(C-WP-B-RDC-10L) 14-1/4" W x 9-1/4" H x 7" D	6.07 lbs.	12-20 feet	
(C-WP-B-RDC-20L) 18-1/8" W x 9-1/4" H x 7-7/8" D	13.60 lbs.	12-25 feet	

C-WP-B-RDC Series

FIXTURE SPECIFICATIONS

HOUSING	Heavy duty die-cast aluminum with a durable powder coat dark bronze finish
LENS ASSEMBLY	Integrated UV stabilized polycarbonate lens, designed to control the light and offer the most efficiency on the product
MOUNTING	1/2-inch threaded knockouts provided for conduit entry or mount over a recessed j-box. Knockouts are located on both sides and the top of the back box

ELECTRICAL PERFORMANCE


OPERATING TEMPERATURE RANGE	ESTIMATED L70 LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION
-40°F to 104°F (-40°C to 40°C)	>100,000 Hours	>0.9	< 20%

SYSTEM WATTS (120-277V)	CURRENT DRAW (AMPS)			
	120V	208V	240V	277V
12W	0.2	0.12	0.11	0.1
22W	0.25	0.18	0.16	0.15
47W	0.8	0.5	0.4	0.25
77W	0.9	0.6	0.5	0.35
144W	1.8	1.3	1	0.8

WARRANTY AND CERTIFICATIONS

WARRANTY	cULus LISTED	DLC	DIMMABLE
5 Year Limited*	Wet Locations	Premium 5.1	Yes. 0-10V Dimmable

ACCESSORIES

	UNIVERSAL BUTTON PHOTOCELL (120V-277V)
	SKU: JL-423CZ USE: Photocell is field installed and drilling of the back box is required.

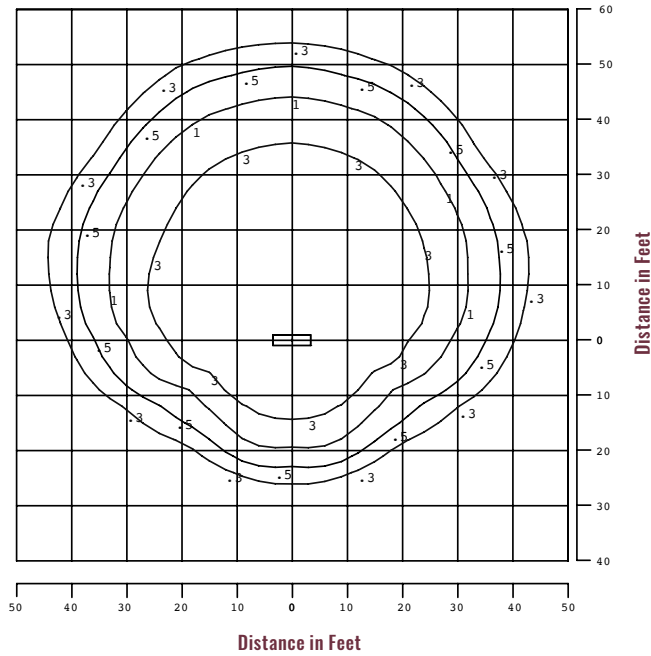
© 2021 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. C-Lite and the C-Lite logo are registered trademarks of Cree Lighting. Due to continuous product improvement, information in this document is subject to change. The cULus logo is a registered trademark of UL LLC. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Northeast Efficiency Partnerships, Inc.

C-WP-B-RDC Series

ISO PLOT CHART

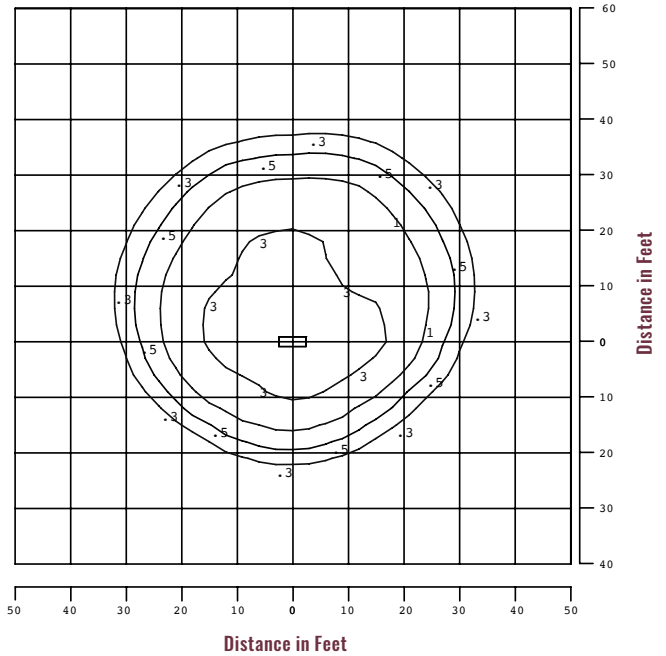
C-WP-B-RDC-20L-50K

Mounting height: 15'



C-WP-B-RDC-6L-50K

Mounting height: 15'



Note: All published photometric testing performed to IES LM-79-08 standards. Fixture photometry was completed on a single representative fixture. Foot candle levels are noted inside graph. **Visit e-conolight.com for the latest EPA data.**

OSQ Series

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

Rev. Date: V27 10/21/2020

Product Description

The OSQ™ 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 'T' input power designator is a suitable upgrade for HID applications up to 750 Watts, and the 'U' input power designator is a suitable upgrade for HID applications up to 1000 Watts.

Applications: Parking lots, walkways, campuses, auto dealerships, office complexes, tunnels, underpasses and internal roadways

Performance Summary

Utilizes Cree TrueWhite® Technology on 5000K Luminaires

NanoOptic® Precision Delivery Grid™ optic

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

Initial Delivered Lumens: Up to 29,700

Efficacy: Up to 173 LPW

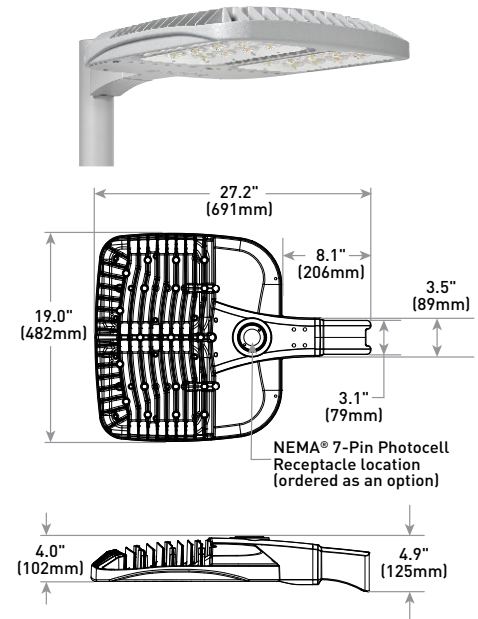
CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

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

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

DA Mount



Weight

32.4 lbs. (14.7kg)

Ordering Information

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

Example: **Mount:** OSQ-B-AASV + **Luminaire:** OSQ-A-NM-2ME-T-40K-UL-SV

Mount (Luminaire must be ordered separately)*	
OSQ-	
OSQ-B-AA Adjustable Arm	Color Options: SV Silver BZ Bronze BK Black WH White
OSQ-DA Direct Arm	
OSQ-L-TSP Transportation Mount (stainless steel; do not specify color)	
OSQ-TM Trunnion Mount	

* Reference EPA and pole configuration suitability data beginning on page 10

Luminaire (Mount must be ordered separately)								
OSQ	A	NM						
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options
OSQ	A	NM No Mount	Asymmetric 2ME* Type II Medium 4ME* Type IV Medium 3ME* Type III Medium Symmetric 5ME Type V Medium 5SH Type V Short 5SQ Type V Square WSN Wide Sign 15D 15" Flood	T 132W U 202W 30K 3000K, 70 CRI 40K 4000K, 70 CRI 50K 5000K, 90 CRI 57K 5700K, 70 CRI	UL Universal 120-277V UH Universal 347-480V	BK Black BZ Bronze SV Silver WH White	F Fuse - Compatible only with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - Refer to PML spec sheet for availability with PML options - When code dictates fusing, use time delay fuse PML Programmable Multi-Level, up to 40' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt PML2 Programmable Multi-Level, 10-30' Mounting Height - Refer to PML spec sheet for details - 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 - Offers full range adjustability - Refer to pages 12-13 for power and lumen values - Not available with PML or PML2 options	R NEMA® 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 - 18" (457mm) seven-conductor cord exits luminaire - Requires photocell or shorting cap by others RL Rotate Left - LED and optic are rotated to the left - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics RR Rotate Right - LED and optic are rotated to the right - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics

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



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
- Mounting for the adjustable arm mount adaptor is rugged die cast aluminum and mounts to 2" (51mm) IP, 2.375" (60mm) O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5° increments
- Transportation mount is constructed of 316 stainless steel and mounts to surface with (4) 3/8" fasteners by others
- Trunnion mount is constructed of A500 and A1011 steel and is adjustable from 0-180° in 15° degree increments. Trunnion mount secures to surface with (1) 3/4" bolt or (2) 1/2" or 3/8" bolts
- Includes 18" (340mm) 18/5 or 16/5 cord exiting the luminaire. When ordered with R option, 18" (340mm) 18/7 or 16/7 cord is 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:** OSQ-DA: 32.4 lbs. (14.7kg); OSQ-B-AA: 32.0 lbs. (14.5kg); OSQ-L-TSP: 44 lbs. (20.0kg); OSQ-TM: 36.1 lbs. (16.4kg)

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **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
- Designed with 0-10V dimming capabilities. Controls by others
- Refer to [Dimming spec sheet](#) for details
- **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
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards with AA, DA, TM, and TSP mounts. For adjustable arm applications requiring ANSI C136.31-2001 3G vibration certification, ensure that existing or new adjustable arm mount model number matches OSQ-B-AA for all OSQ large housing luminaires with power designations "T", and "U"
- 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
- DLC and DLC Premium qualified versions available. Some exceptions apply. Please refer to <https://www.designlights.org/search/> for most current information
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT and direct or transportation mounts only. Please refer to <https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/> for most current information
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.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) 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.

Electrical Data*							
Input Power Designator	System Watts 120-480V	Total Current (A)					
		120V	208V	240V	277V	347V	480V
T	132	1.12	0.63	0.55	0.47	0.39	0.28
U	202	1.72	0.96	0.84	0.72	0.60	0.43

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

OSQ Series Ambient Adjusted Lumen Maintenance ¹						
Ambient	Optic	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Reported ² /Estimated ³ LMF	100K hr Reported ² /Estimated ³ LMF
5°C (41°F)	Asymmetric	1.04	1.03	1.01	0.99 ²	0.97 ²
	Symmetric	1.05	1.05	1.05	1.05 ³	1.05 ³
10°C (50°F)	Asymmetric	1.03	1.02	1.00	0.98 ²	0.96 ²
	Symmetric	1.04	1.03	1.03	1.03 ³	1.03 ³
15°C (59°F)	Asymmetric	1.02	1.01	0.99	0.97 ²	0.95 ²
	Symmetric	1.02	1.02	1.02	1.02 ³	1.02 ³
20°C (68°F)	Asymmetric	1.01	1.00	0.98	0.96 ²	0.94 ²
	Symmetric	1.01	1.01	1.01	1.01 ³	1.01 ³
25°C (77°F)	Asymmetric	1.00	0.99	0.97	0.95 ²	0.93 ²
	Symmetric	1.00	1.00	1.00	1.00 ³	1.00 ³

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

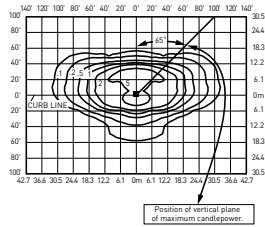
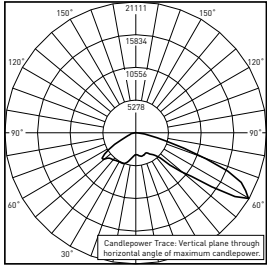
Field-Installed			
Backlight Shield OSQ-BLSLF – Front facing optics OSQ-BLSLR – Rotated optics	Hand-Held Remote XA-SENSREM – For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required	Bird Spikes OSQ-LG-BRDSPK	Shorting Cap XA-XLSLSHRT
Synapse Wireless 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	SimplySNAP Central Base Station CBSW-450-002 – Includes On-Site Controller (SS450-002) and 5-button switch – Indoor and Outdoor rated – Refer to CBSW-450-002 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
Synapse Wireless Sensor WSN-DPM – Motion and light sensor – Control multiple zones – Refer to WSN-DPM 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	

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

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/osq-series>

2ME



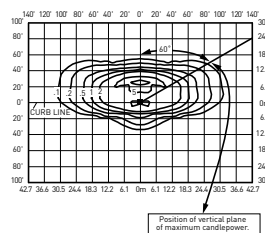
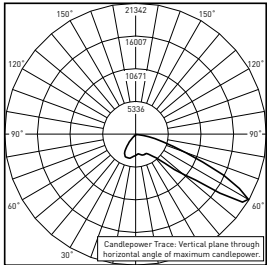
CESTL Test Report #: PL07701-001A
OSQ-A**-2ME-U-40K-UL
Initial Delivered Lumens: 26,946

OSQ-A**-2ME-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,100
Initial FC at grade

Type II Medium Distribution								
Input Power Designator	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
T	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3
U	27,800	B3 U0 G3	29,100	B3 U0 G3	22,300	B3 U0 G3	29,100	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>. Valid with no tilt



CESTL Test Report #: PL07700-001A
OSQ-A**-2ME-U-57K-UL w/OSQ-BLSLF
Initial Delivered Lumens: 22,822

OSQ-A**-2ME-U-40K-UL w/OSQ-BLSLF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 22,300
Initial FC at grade

Type II Medium w/BLS Distribution								
Input Power Designator	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
T	15,900	B2 U0 G2	17,000	B3 U0 G2	14,250	B2 U0 G2	17,000	B3 U0 G2
U	21,400	B3 U0 G3	22,300	B3 U0 G3	17,100	B3 U0 G2	22,300	B3 U0 G3

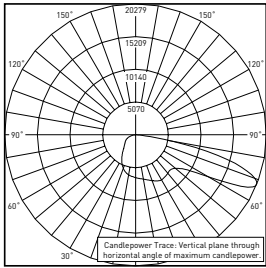
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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>. Valid with no tilt

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/osq-series>

3ME

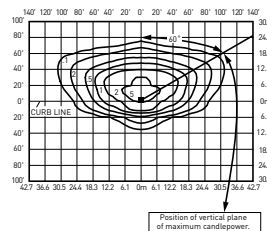
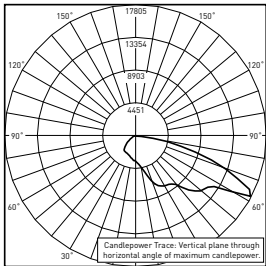


DTC Test Report #: PL15529-001A
OSQ-A--3ME-U-40K-UL**
Initial Delivered Lumens: 30,584

OSQ-A--3ME-U-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,100
Initial FC at grade

Type III Medium Distribution								
Input Power Designator	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
T	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3
U	27,800	B3 U0 G4	29,100	B3 U0 G4	22,300	B3 U0 G3	29,100	B3 U0 G4

* 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



CESTL Test Report #: PL07699-001A
OSQ-A--3ME-U-57K-UL w/OSQ-BLSLF**
Initial Delivered Lumens: 23,601

OSQ-A--3ME-U-40K-UL w/OSQ-BLSLF**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 23,000
Initial FC at grade

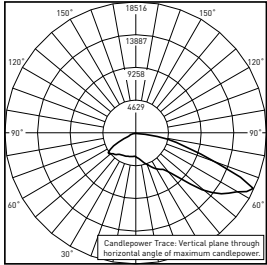
Type III Medium w/BLS Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11
T	16,300	B2 U0 G2	17,500	B2 U0 G3	14,650	B2 U0 G2	17,500	B2 U0 G3
U	21,900	B3 U0 G3	23,000	B3 U0 G3	17,600	B2 U0 G3	23,000	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>. Valid with no tilt

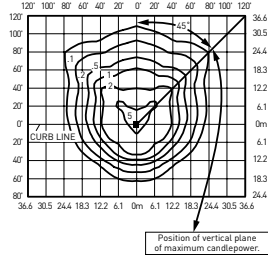
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/osq-series>

4ME



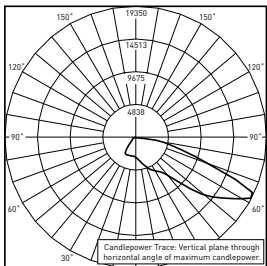
CESTL Test Report #: PL07690-001A
OSQ-A-**-4ME-U-40K-UL
Initial Delivered Lumens: 27,527



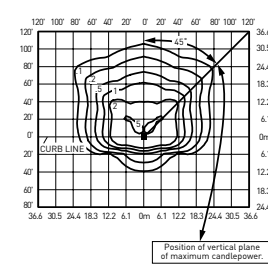
OSQ-A-**-4ME-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,100
Initial FC at grade

Type IV Medium Distribution								
Input Power Designator	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
T	20,700	B3 U0 G3	22,100	B3 U0 G3	18,600	B3 U0 G3	22,100	B3 U0 G3
U	27,800	B4 U0 G3	29,100	B4 U0 G4	22,300	B3 U0 G3	29,100	B4 U0 G4

* 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



CESTL Test Report #: PL07692-001A
OSQ-A-**-4ME-U-57K-UL w/OSQ-BLSLF
Initial Delivered Lumens: 22,793



OSQ-A-**-4ME-U-57K-UL w/OSQ-BLSLF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 22,300
Initial FC at grade

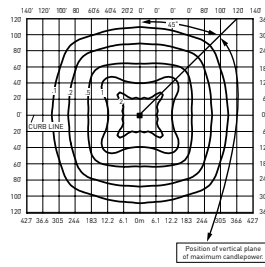
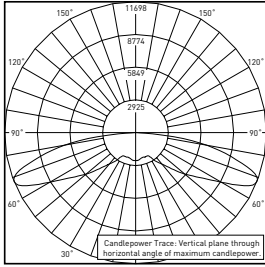
Type IV Medium w/BLS Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11
T	15,900	B2 U0 G3	17,000	B2 U0 G3	14,250	B2 U0 G3	17,000	B2 U0 G3
U	21,400	B3 U0 G3	22,300	B3 U0 G3	17,100	B2 U0 G3	22,300	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>. Valid with no tilt

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/osq-series>

5ME



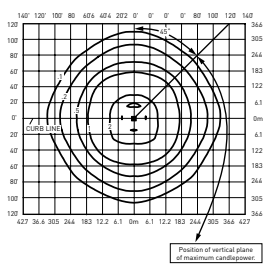
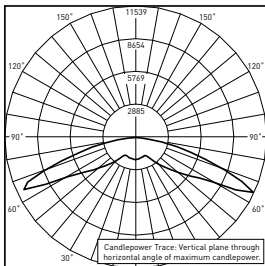
DTC Test Report #: PL15486-001A
OSQ-A-5ME-U-40K-UL
Initial Delivered Lumens: 26,918

OSQ-A-5ME-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 27,800
Initial FC at grade

Type V Medium Distribution								
Input Power Designator	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
T	20,200	B5 U0 G5	21,700	B5 U0 G5	19,800	B5 U0 G5	21,700	B5 U0 G5
U	26,600	B5 U0 G5	27,800	B5 U0 G5	23,600	B5 U0 G5	27,800	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

5SH



CESTL Test Report #: PL10754-001A
OSQ-A-5SH-U-40K-UL
Initial Delivered Lumens: 25,679

OSQ-A-5SH-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,700
Initial FC at grade

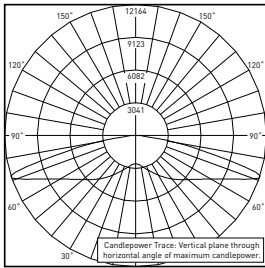
Type V Short Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11
T	21,300	B5 U0 G3	22,900	B5 U0 G3	20,900	B5 U0 G3	22,900	B5 U0 G3
U	28,400	B5 U0 G4	29,700	B5 U0 G4	25,200	B5 U0 G3	29,700	B5 U0 G4

* 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

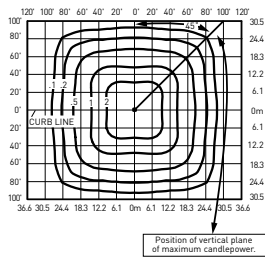
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

55Q



RECTL Test Report #: PL14561-001B
 OSQ-A-**-55Q-U-57K-UL
 Initial Delivered Lumens: 28,716

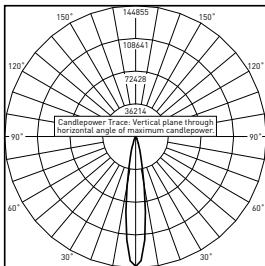


OSQ-A-NM-55Q-U-57K-UL
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 29,700
 Initial FC at grade

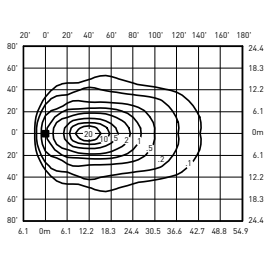
Type V Square Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11	Initial Delivered Lumens	BUG Ratings** Per TM-15-11
T	21,300	B4 U0 G2	22,900	B5 U0 G3	20,900	B4 U0 G2	22,900	B5 U0 G3
U	28,400	B5 U0 G3	29,700	B5 U0 G3	25,200	B5 U0 G3	29,700	B5 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

15D



CESTL Test Report #: PL07689-001A
 OSQ-A-**-15D-U-30K-UL
 Initial Delivered Lumens: 23,254



OSQ-A-**-15D-U-40K-UL
 Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
 Initial Delivered Lumens: 29,700
 Initial FC at grade

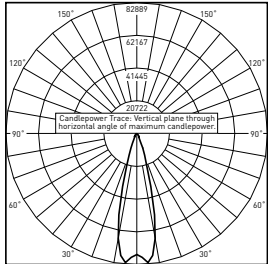
Type 15° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

* 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

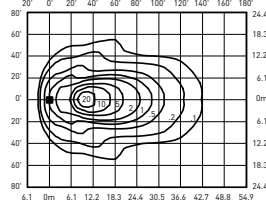
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <http://creelighting.com/products/outdoor/area/osq-series>

25D



CESTL Test Report #: PL07696-001A
OSQ-A-**-25D-U-30K-UL
Initial Delivered Lumens: 23,265

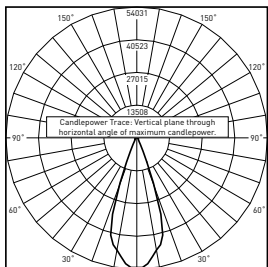


OSQ-A-**-25D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

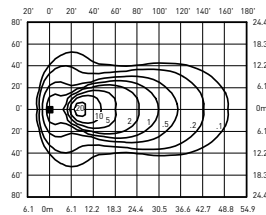
Type 25° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

* 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

40D



CESTL Test Report #: PL07697-001A
OSQ-A-**-40D-U-30K-UL
Initial Delivered Lumens: 22,943



OSQ-A-**-40D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

Type 40° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

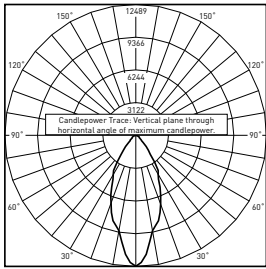
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Photometry

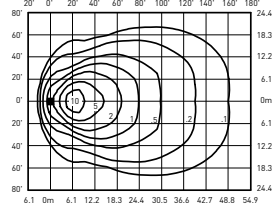
All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult:

<http://creelighting.com/products/outdoor/area/osq-series>

60D



CESTL Test Report #: PL08100-001B
OSQ-A-**-60D-B-30K-UL
Initial Delivered Lumens: 10,079



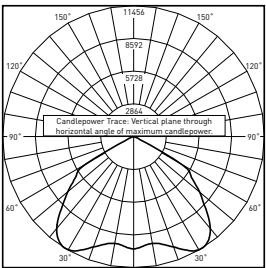
OSQ-A-**-60D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

Type 60° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

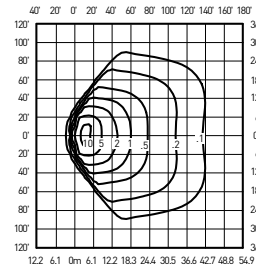
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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

120D



RECTL Test Report #: PL15731-001A
OSQ-A-**-120D-U-40K-UL
Initial Delivered Lumens: 25,501



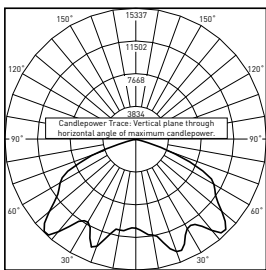
OSQ-A-**-120D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

Type 120° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

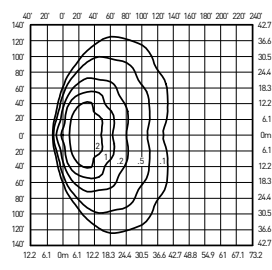
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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

WSN



CESTL Test Report #: PL07695-001A
OSQ-A-**-WSN-U-30K-UL
Initial Delivered Lumens: 23,116











OSQ-A-**-WSN-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

Wide Sign Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
T	21,300	22,900	20,900	22,900
U	28,400	29,700	25,200	29,700

* 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

Luminaire EPA

Adjustable Arm Mount – OSQ-B-AA Weight: 32.0 lbs. (14.5kg)							
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 180°	4 @ 90°
Tenon Configuration (0° -80° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA							
							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*; PD-2A4(90); PT-2(90)	PB-3A*; PD-3A4(90); PT-3(90)	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375; PD-4A4(90); PT-4(90)
0° Tilt							
0.80	1.61	1.26	2.06	1.68	3.33	4.66	2.52
10° Tilt							
0.81	1.61	1.62	2.42	2.32	4.40	6.08	3.24
20° Tilt							
1.24	1.61	2.04	2.84	3.13	5.68	7.80	4.08
30° Tilt							
1.64	1.64	2.44	3.24	3.97	6.88	9.40	4.88
45° Tilt							
2.20	2.20	3.00	3.80	5.07	8.55	11.64	6.00
60° Tilt							
2.63	2.63	3.43	4.23	5.73	9.84	13.36	6.86
70° Tilt							
2.82	2.82	3.62	4.42	5.73	10.41	14.12	7.24
80° Tilt							
2.93	2.93	3.73	4.53	5.73	10.74	14.56	7.46
Tenon Configuration (90° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*	PB-3A*	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375
90° Tilt							
2.95	2.95	4.84	6.52	5.73	10.81	14.64	11.19

* 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
PD Series Tenons	0.09
PT Series Tenons	0.10
PW-1A3**	0.47
PW-2A3**	0.94
WM-2	0.08
WM-4	0.25
WM-DM	None

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
Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-2A4(90) – 90° Twin PD-2A4(180) – 180° Twin PD-3A4(90) – 90° Triple PD-4A4(90) – 90° Quad	Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons - Mounts to square pole with PB-1A* tenon PT-1 – Single (Vertical) PT-2(90) – 90° Twin PT-2(180) – 180° Twin PT-3(90) – 90° Triple PT-3(120) – 120° Triple PT-4(90) – 90° Quad
Wall Mount Brackets - Mounts to wall or roof WM-2 – Horizontal for OSQ-B-AA mount WM-4 – L-Shape for OSQ-B-AA mount WM-DM – Plate for OSQ-DA mount	Mid-Pole Bracket - Mounts to square pole PW-1A3** – Single PW-2A3** – Double
	Ground Mount Post - For ground-mounted flood luminaires PGM-1 – for OSQ-B-AA mount

† 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
 ** 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")

Luminaire EPA

Direct Arm Mount – OSQ-DA Weight: 32.4 lbs. (14.7kg)					
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
					
0.80	1.61	1.26	2.06	1.68	2.52

Direct Mount Configurations

Compatibility with OSQ-DA Direct Mount Bracket					
Input Power Designator	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
3" Square					
T & U	N/A	✓	N/A	N/A	N/A
3" Round					
T & U	N/A	✓	N/A	N/A	N/A
4" Square					
T & U	✓	✓	✓	N/A	✓
4" Round					
T & U	✓	✓	✓	✓	✓
5" Square					
T & U	✓	✓	✓	N/A	✓
5" Round					
T & U	✓	✓	✓	✓	✓
6" + Square					
T & U	✓	✓	✓	N/A	✓
6" + Round					
T & U	✓	✓	✓	✓	✓

Luminaire EPA

Trunnion Mount – OSQ-TM Weight: 36.1 lbs. (16.4kg)
Single
0° Tilt
0.81
15° Tilt
1.12
30° Tilt
1.74
45° Tilt
2.35
60° Tilt
2.59
75° Tilt
2.83
90° Tilt
3.07

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

The Field Adjustable Output option enables the OSQ 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.

Q Option Power & Lumen Data – Designator T

Q Option Setting	CCT/ CRI	System Watts	Lumen Values						Optics Qualified on DLC QPL	
			120-480V	Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/ BLS	3ME w/ BLS	4ME w/BLS	Standard
Q9	30K7	132	20,700	20,200	21,300	15,900	16,300	15,900	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		22,100	21,700	22,900	17,000	17,500	17,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		18,600	19,800	20,900	14,250	14,650	14,250	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		22,100	21,700	22,900	22,300	17,500	22,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q8	30K7	122	19,300	18,800	19,800	14,775	15,200	14,775	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		20,600	20,200	21,300	15,800	16,300	15,800	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		17,300	18,400	19,400	13,250	13,625	13,250	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		20,600	20,200	21,300	15,800	16,300	15,800	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q7	30K7	117	18,600	18,200	19,200	14,300	14,675	14,300	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		19,900	19,500	20,600	15,300	15,800	15,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		16,700	17,800	18,800	12,825	13,175	12,825	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		19,900	19,500	20,600	15,300	15,800	15,300	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q6	30K7	108	17,200	16,800	17,700	13,200	13,525	13,200	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		18,300	18,000	19,000	14,100	14,525	14,100	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		15,400	16,400	17,300	11,825	12,150	11,825	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		18,300	18,000	19,000	14,100	14,525	14,100	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q5	30K7	104	16,800	16,400	17,300	12,875	13,200	12,875	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		17,900	17,600	18,500	13,775	14,175	13,775	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		15,100	16,000	16,900	11,550	11,875	11,550	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		17,900	17,600	18,500	13,775	14,175	13,775	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q4	30K7	99	16,100	15,800	16,600	12,400	12,725	12,400	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		17,200	16,900	17,900	13,250	13,650	13,250	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		14,500	15,400	16,300	11,125	11,425	11,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		17,200	16,900	17,900	13,250	13,650	13,250	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q3	30K7	89	14,700	14,350	15,100	11,300	11,575	11,300	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		15,700	15,400	16,300	12,075	12,425	12,075	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		13,200	14,050	14,850	10,125	10,400	10,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		15,700	15,400	16,300	12,075	12,425	12,075	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q2	30K7	80	13,250	12,925	13,625	10,175	10,425	10,175	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		14,150	13,900	14,650	10,875	11,200	10,875	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		11,900	12,675	13,375	9,125	9,375	9,125	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		14,150	13,900	14,650	10,875	11,200	10,875	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q1	30K7	66	10,975	10,700	11,300	8,425	8,650	8,425	5ME, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME, 5SH
	40K7		11,725	11,500	12,125	9,000	9,275	9,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K9		9,850	10,500	11,075	7,550	7,775	7,550	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K7		11,725	11,500	12,125	9,000	9,275	9,000	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN

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

The Field Adjustable Output option enables the OSQ 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.

Q Option Power & Lumen Data – Designator U

Q Option Setting	CCT/ CRI	System Watts 120-480V	Lumen Values					Optics Qualified on DLC QPL		
			Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/ BLS	3ME w/ BLS	4ME w/BLS	Standard	Premium
Q9	30K7	202	27,800	26,600	28,400	21,400	21,900	21,400	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		29,100	27,800	29,700	22,300	23,000	22,300	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		22,300	23,600	25,200	17,100	17,600	17,100	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		29,100	27,800	29,700	22,300	23,000	22,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q8	30K7	191	27,000	25,800	27,500	20,800	21,200	20,800	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		28,200	27,000	28,800	21,600	22,300	21,600	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		21,600	22,900	24,400	16,600	17,100	16,600	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		28,200	27,000	28,800	21,600	22,300	21,600	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q7	30K7	181	25,600	24,500	26,100	19,700	20,100	19,700	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		26,800	25,600	27,300	20,500	21,200	20,500	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		20,500	21,700	23,200	15,700	16,200	15,700	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		26,800	25,600	27,300	20,500	21,200	20,500	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q6	30K7	173	24,700	23,700	25,300	19,000	19,500	19,000	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		25,900	24,700	26,400	19,800	20,500	19,800	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		19,800	21,000	22,400	15,200	15,700	15,200	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		25,900	24,700	26,400	19,800	20,500	19,800	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q5	30K7	159	22,800	21,800	23,300	17,500	18,000	17,500	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		23,900	22,800	24,400	18,300	18,900	18,300	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		18,300	19,400	20,700	14,025	14,425	14,025	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		23,900	22,800	24,400	18,300	18,900	18,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q4	30K7	143	21,100	20,200	21,600	16,300	16,600	16,300	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		22,100	21,100	22,600	16,900	17,500	16,900	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		16,900	17,900	19,200	13,000	13,375	13,000	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		22,100	21,100	22,600	16,900	17,500	16,900	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q3	30K7	128	18,900	18,100	19,300	14,550	14,900	14,550	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		19,800	18,900	20,200	15,200	15,600	15,200	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		15,200	16,000	17,100	11,625	11,975	11,625	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		19,800	18,900	20,200	15,200	15,600	15,200	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q2	30K7	114	17,000	16,200	17,300	13,050	13,350	13,050	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		17,800	17,000	18,100	13,600	14,025	13,600	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		13,600	14,400	15,400	10,425	10,725	10,425	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		17,800	17,000	18,100	13,600	14,025	13,600	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
Q1	30K7	101	15,300	14,625	15,600	11,775	12,050	11,775	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME
	40K7		16,000	15,300	16,300	12,275	12,650	12,275	3ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 4ME
	50K9		12,275	12,975	13,850	9,400	9,675	9,400	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN	N/A
	57K7		16,000	15,300	16,300	12,275	12,650	12,275	5ME, 5SH, 15D, 25D, 40D, 60D, WSN	2ME, 3ME, 4ME

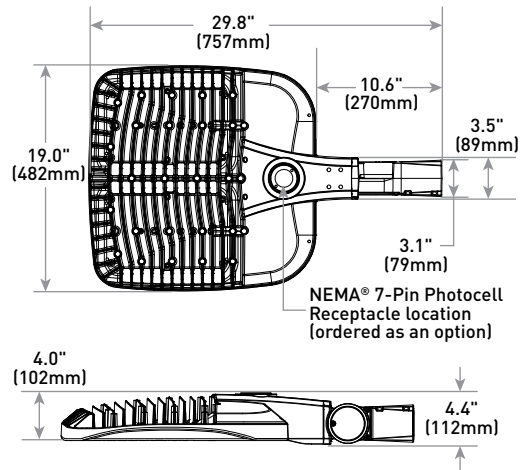
OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Large

AA Mount

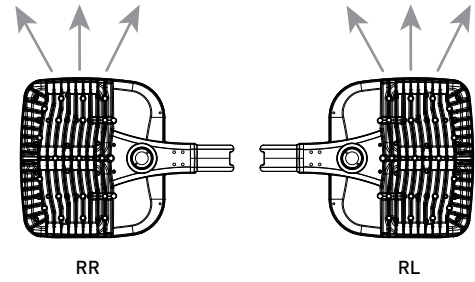


Weight

32.0 lbs. (14.5kg)



RR/RL Configuration

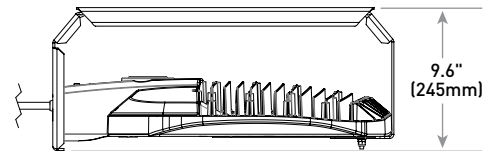
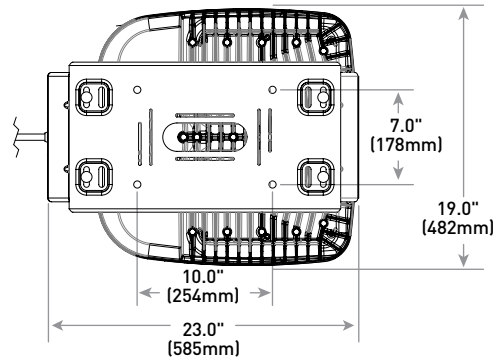


TSP Mount



Weight

44.0 lbs. (20.0kg)

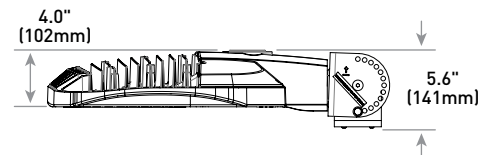
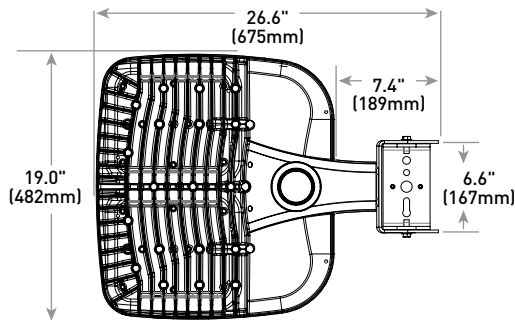


TM Mount



Weight

36.1 lbs. (16.4kg)



© 2020 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. Cree®, the Cree logo, TrueWhite®, Cree TrueWhite®, and the Cree TrueWhite Technology logo are registered trademarks of Cree, Inc. NanoOptic® and Colorfast DeltaGuard® are registered trademarks, and Precision Delivery Grid™ and OSQ™ are trademarks of Cree Lighting, A company of IDEAL INDUSTRIES. The UL logo is a registered trademark of UL LLC. NEMA® is a registered trademark of the National Electrical Manufacturers Association. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Efficiency Forward, Inc. Synapse® is a registered trademark of Synapse Wireless, Inc. Verizon® is a registered trademark of Verizon Trademark Services LLC.

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



A COMPANY OF IDEAL INDUSTRIES, INC.

OSQ Series

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

Rev. Date: V27 10/21/2020

Product Description

The OSQ™ 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 'B' Input power designator is a suitable upgrade for HID applications up to 250 Watt, and the 'K' Input power designator is a suitable upgrade for HID applications up to 400 Watt.

Applications: Parking lots, walkways, campuses, car dealerships, office complexes, tunnels, underpasses, and internal roadways

Performance Summary

Utilizes Cree TrueWhite® Technology on 5000K Luminaires

NanoOptic® Precision Delivery Grid™ optic

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

Initial Delivered Lumens: Up to 17,291

Efficacy: Up to 136 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; 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-B-AAS + **Luminaire:** OSQ-A-NM-2ME-B-40K-UL-SV

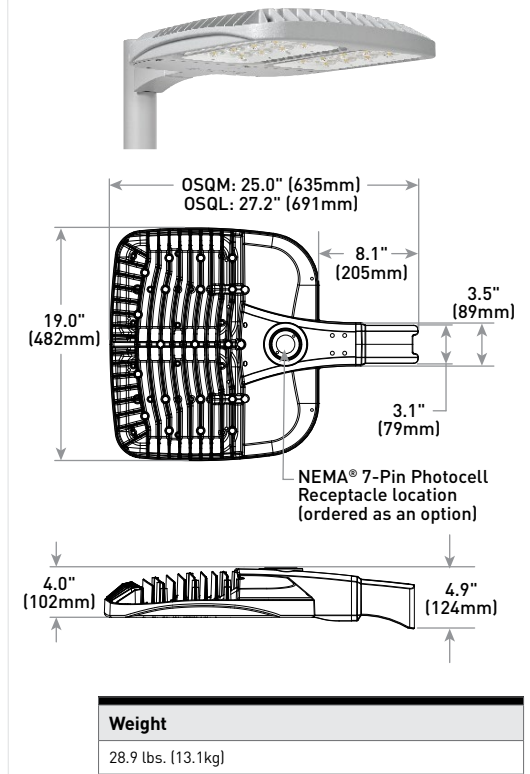
Mount (Luminaire must be ordered separately)*	
OSQ-	
OSQ-B-AA Adjustable Arm OSQ-DA Direct Arm OSQ-M-TSP Transportation Mount (stainless steel; do not specify color) OSQ-TM Trunnion Mount	Color Options: SV Silver BK Black BZ Bronze WH White

* Reference EPA and pole configuration suitability data beginning on page 10

Luminaire (Mount must be ordered separately)									
OSQ	A	NM							
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options	
OSQ	A	NM No Mount	Asymmetric 2ME* Type II 4ME* Type IV Medium 3ME* Type III Medium Symmetric 5ME Type V Medium 25D 25° Flood 40D 40° Flood 55H Type V Short 60° Flood 60D 60° Flood 55Q Type V Square 120° Flood WSN Wide Sign 15D 15° Flood	B 86W K 130W Z 53W	30K 3000K, 70 CRI 40K 4000K, 70 CRI 50K 5000K, 90 CRI 57K 5700K, 70 CRI	UL Universal 120-277V UH Universal 347-480V - Available with B & K Input Power Designators only	BK Black BZ Bronze SV Silver WH White	F Fuse - Compatible only with 120V, 277V or 347V (phase to neutral) - Consult factory if fusing is required for 208V, 240V or 480V (phase to phase) - Refer to PML spec sheet for availability with PML options - When code dictates fusing, use time delay fuse PML Programmable Multi-Level, up to 40' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt PML2 Programmable Multi-Level, 10-30' Mounting Height - Refer to PML spec sheet for details - Intended for downlight applications at 0° tilt Q9/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output - Must select Q9, Q6, Q5, Q4, Q3, Q2, or Q1 - Offers full range adjustability - Refer to pages 12-13 for power and lumen values - Available with B & K Input Power Designators only - Not available with PML or PML2 options	R NEMA® 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 - 18" (457mm) seven-conductor cord exits luminaire - Requires photocell or shorting cap by others RL Rotate Left - LED and optic are rotated to the left - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics RR Rotate Right - LED and optic are rotated to the right - Refer to RR/RL configuration diagram on page 14 for optic directionality - Not for use with symmetric optics

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

DA Mount



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

CREE LIGHTING

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
- Mounting for the adjustable arm mount adaptor is rugged die cast aluminum and mounts to 2" (51mm) IP, 2.375" (60mm) O.D. tenon
- Adjustable arm mount can be adjusted 180° in 2.5° increments
- Transportation mount is constructed of 316 stainless steel and mounts to surface with (4) 3/8" fasteners by others
- Trunnion mount is constructed of A500 and A1011 steel and is adjustable from 0-180° in 15° degree increments. Trunnion mount secures to surface with (1) 3/4" bolt or (2) 1/2" or 3/8" bolts
- Includes 18" (340mm) 18/5 or 16/5 cord exiting the luminaire. When ordered with R option, 18" (340mm) 18/7 or 16/7 cord is 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:** OSQ-DA: 28.9 lbs. (13.1kg); OSQ-B-AA: 28.4 lbs. (12.9kg); OSQ-M-TSP: 42 lbs. (19.1kg); OSQ-TM: 32.6 lbs. (14.8kg)

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V or 347-480V, 50/60Hz, Class 1 drivers
- **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
- Designed with 0-10V dimming capabilities. Controls by others
- Refer to Dimming spec sheet for details
- **Maximum 10V Source Current:** 1.0mA
- **Operating Temperature Range:** -40°C - +40°C (-40°F - +104°F)

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Enclosure rated IP66 per IEC 60529 when ordered without R option
- Consult factory for CE Certified products
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards with AA, DA, TM, and TSP mounts
- 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
- DLC and DLC Premium qualified versions available. Some exceptions apply. Please refer to <https://www.designlights.org/search/> for most current information
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT and direct or transportation mounts only. Please refer to <https://www.darksky.org/our-work/lighting/lighting-for-industry/fsa/fsa-products/> for most current information

CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.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) 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.

Electrical Data*							
Input Power Designator	System Watts 120-480V	Total Current (A)					
		120V	208V	240V	277V	347V	480V
B	86	0.73	0.43	0.37	0.32	0.25	0.19
K	130	1.09	0.65	0.56	0.49	0.38	0.28
Z	53**	0.46	0.26	0.22	0.19	N/A	N/A

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

OSQ Series Ambient Adjusted Lumen Maintenance ¹						
Ambient	Optic	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Reported ² / Estimated ³ LMF	100K hr Reported ² / Estimated ³ LMF
5°C (41°F)	Asymmetric	1.04	1.03	1.01	0.99 ²	0.97 ²
	Symmetric	1.05	1.05	1.05	1.05 ³	1.05 ³
10°C (50°F)	Asymmetric	1.03	1.02	1.00	0.98 ²	0.96 ²
	Symmetric	1.04	1.03	1.03	1.03 ³	1.03 ³
15°C (59°F)	Asymmetric	1.02	1.01	0.99	0.97 ²	0.95 ²
	Symmetric	1.02	1.02	1.02	1.02 ³	1.02 ³
20°C (68°F)	Asymmetric	1.01	1.00	0.98	0.96 ²	0.94 ²
	Symmetric	1.01	1.01	1.01	1.01 ³	1.01 ³
25°C (77°F)	Asymmetric	1.00	0.99	0.97	0.95 ²	0.93 ²
	Symmetric	1.00	1.00	1.00	1.00 ³	1.00 ³

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.

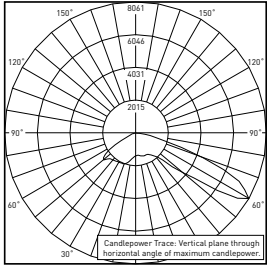
Accessories

Field-Installed			
Backlight Shield OSQ-BLSMF - Front facing optics OSQ-BLSMR - Rotated optics	Hand-Held Remote XA-SENSREM - For successful implementation of the programmable multi-level option, a minimum of one hand-held remote is required	Bird Spikes OSQ-MED-BRDSPK	Shorting Cap XA-XLSHRT
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		SimplySNAP On-Site Controller SS450-002 - Verizon® LTE-enabled - Designed for indoor applications - Refer to SS450-002 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		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			
Synapse Wireless Sensor WSN-DPM - Motion and light sensor - Control multiple zones - Refer to WSN-DPM spec sheet for details			

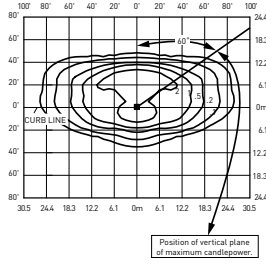
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

2ME



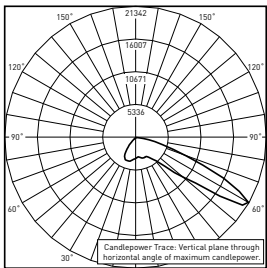
RESTL Test Report #: PL08877-001A
OSQ-A-**-2ME-B-30K-UL
Initial Delivered Lumens: 10,381



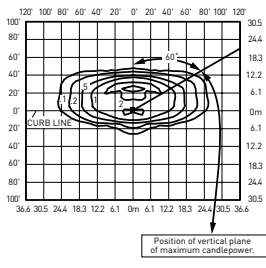
OSQ-A-**-2ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,424
Initial FC at grade

Type II Medium Distribution								
Input Power Designator	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
B	10,738	B2 U0 G2	11,424	B2 U0 G2	9,350	B2 U0 G2	11,648	B2 U0 G2
K	16,022	B3 U0 G3	16,959	B3 U0 G3	14,000	B3 U0 G2	17,291	B3 U0 G3
Z	6,481	B2 U0 G1	6,896	B2 U0 G1	5,750	B1 U0 G1	7,031	B2 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt



CESTL Test Report #: PL07700-001A
OSQ-A-**-2ME-U-57K-UL w/OSQ-BLSLF
Initial Delivered Lumens: 22,822



OSQ-A-**-2ME-B-40K-UL w/OSQ-BLSMF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,779
Initial FC at grade

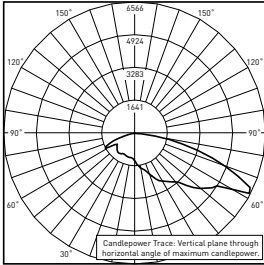
Type II Medium w/BLS Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11	Initial Delivered Lumens*	BUG Ratings** Per TM 15 11
B	8,251	B2 U0 G2	8,779	B2 U0 G2	7,200	B1 U0 G1	8,950	B2 U0 G2
K	12,312	B2 U0 G2	13,032	B2 U0 G2	10,750	B2 U0 G2	13,286	B2 U0 G2
Z	4,980	B1 U0 G1	5,299	B1 U0 G1	4,420	B1 U0 G1	5,402	B1 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

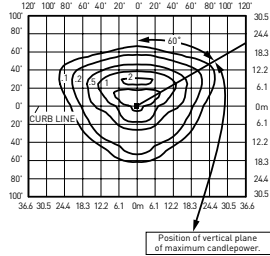
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

3ME



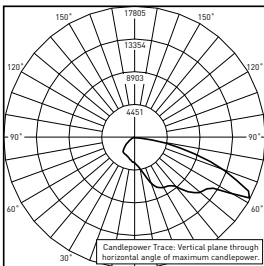
RESTL Test Report #: PL08876-001A
 OSQ-A**-3ME-B-30K-UL
 Initial Delivered Lumens: 10,421



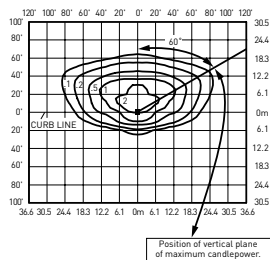
OSQ-A**-3ME-B-40K-UL
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 11,424
 Initial FC at grade

Type III Medium Distribution								
Input Power Designator	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
B	10,738	B3 U0 G3	11,424	B3 U0 G3	9,350	B2 U0 G2	11,648	B3 U0 G3
K	16,022	B3 U0 G3	16,959	B3 U0 G3	14,000	B3 U0 G3	17,291	B3 U0 G3
Z	6,481	B2 U0 G2	6,896	B2 U0 G2	5,750	B2 U0 G2	7,031	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>. Valid with no tilt



CESTL Test Report #: PL07699-001A
 OSQ-A**-3ME-U-57K-UL w/OSQ-BLSLF
 Initial Delivered Lumens: 23,601



OSQ-A**-3ME-B-40K-UL w/OSQ-BLSMF
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 9,019
 Initial FC at grade

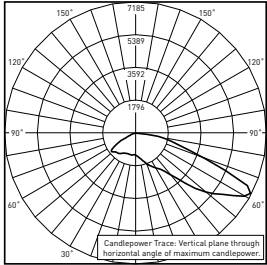
Type III Medium w/BLS Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
B	8,477	B1 U0 G2	9,019	B1 U0 G2	7,400	B1 U0 G2	9,196	B1 U0 G2
K	12,649	B2 U0 G2	13,389	B2 U0 G2	11,050	B2 U0 G2	13,650	B2 U0 G2
Z	5,117	B1 U0 G1	5,444	B1 U0 G1	4,540	B1 U0 G1	5,551	B1 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

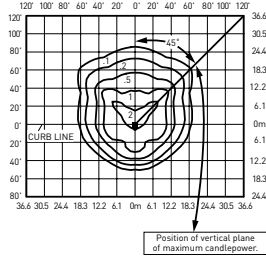
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

4ME



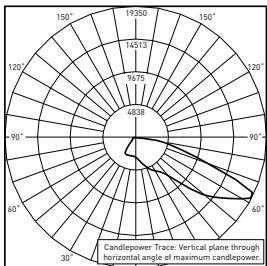
RESTL Test Report #: PL08878-001A
OSQ-A-**-4ME-B-30K-UL
Initial Delivered Lumens: 10,230



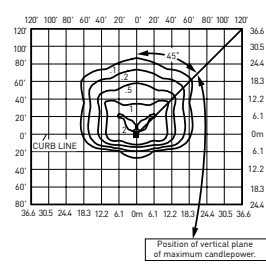
OSQ-A-**-4ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,424
Initial FC at grade

Type IV Medium Distribution								
Input Power Designator	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
B	10,738	B2 U0 G2	11,424	B2 U0 G2	9,350	B2 U0 G2	11,648	B2 U0 G2
K	16,022	B3 U0 G3	16,959	B3 U0 G3	14,000	B3 U0 G3	17,291	B3 U0 G3
Z	6,481	B2 U0 G2	6,896	B2 U0 G2	5,750	B2 U0 G1	7,031	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>. Valid with no tilt



CESTL Test Report #: PL07692-001A
OSQ-A-**-4ME-U-57K-UL w/OSQ-BLSLF
Initial Delivered Lumens: 22,793



OSQ-A-**-4ME-B-40K-UL w/OSQ-BLSMF
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,779
Initial FC at grade

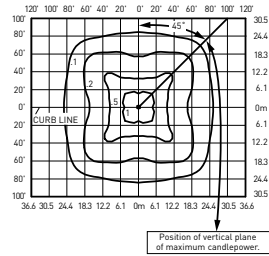
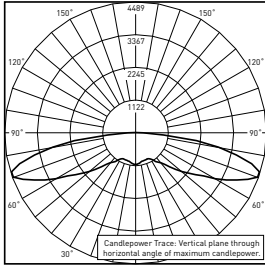
Type IV Medium w/BLS Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
B	8,251	B1 U0 G2	8,779	B1 U0 G2	7,200	B1 U0 G2	8,950	B1 U0 G2
K	12,312	B2 U0 G2	13,032	B2 U0 G2	10,750	B2 U0 G2	13,286	B2 U0 G2
Z	4,980	B1 U0 G1	5,299	B1 U0 G1	4,420	B1 U0 G1	5,402	B1 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <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-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

5ME



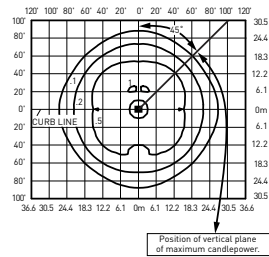
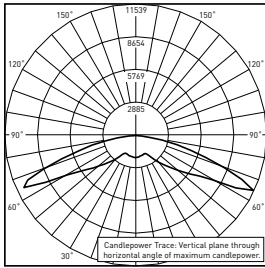
RESTL Test Report #: PL08534-001B
OSQ-A-**-5ME-B-40K-UL
Initial Delivered Lumens: 10,519

OSQ-A-**-5ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 10,867
Initial FC at grade

Type V Medium Distribution								
Input Power Designator	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
B	10,232	B4 U0 G3	10,867	B4 U0 G3	10,000	B4 U0 G3	11,056	B4 U0 G3
K	15,063	B4 U0 G4	15,999	B4 U0 G4	14,925	B4 U0 G4	16,277	B4 U0 G4
Z	5,257	B3 U0 G3	6,086	B3 U0 G3	6,175	B3 U0 G3	6,192	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>. Valid with no tilt

55H



CESTL Test Report #: PL10754-001A
OSQ-A-**-55H-U-40K-UL
Initial Delivered Lumens: 25,679

OSQ-A-**-55H-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,478
Initial FC at grade

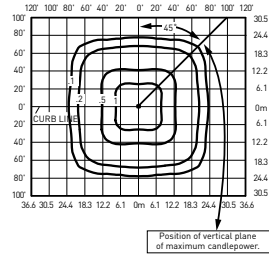
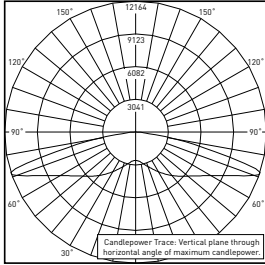
Type V Short Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
B	10,806	B4 U0 G2	11,478	B4 U0 G2	10,575	B4 U0 G2	11,678	B4 U0 G2
K	15,909	B4 U0 G3	16,897	B4 U0 G3	15,800	B4 U0 G3	17,191	B4 U0 G3
Z	5,552	B3 U0 G1	6,428	B3 U0 G2	6,525	B3 U0 G2	6,539	B3 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>. Valid with no tilt

Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

55Q



RESTL Test Report #: PL14561-001B
 OSQ-A-**-55Q-U-57K-UL
 Initial Delivered Lumens: 28,716

OSQ-A-NM-55Q-B-40K-UL
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 11,478
 Initial FC at grade

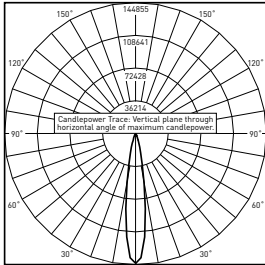
Type V Square Distribution								
Input Power Designator	3000K (70 CRI)		4000K (70 CRI)		5000K (90 CRI)		5700K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
B	10,806	B3 U0 G2	11,478	B4 U0 G2	10,575	B3 U0 G2	11,678	B4 U0 G2
K	15,909	B4 U0 G2	16,897	B4 U0 G2	15,800	B4 U0 G2	17,191	B4 U0 G2
Z	5,552	B3 U0 G1	6,428	B3 U0 G1	6,525	B3 U0 G1	6,539	B3 U0 G1

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

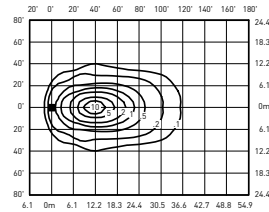
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

15D



CESTL Test Report #: PL07689-001A
OSQ-A-**-15D-U-30K-UL
Initial Delivered Lumens: 23,254



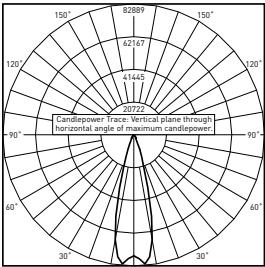
OSQ-A-**-15D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

15° Flood Distribution

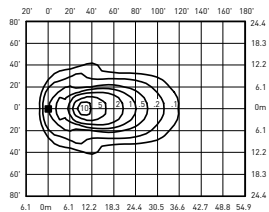
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

25D



CESTL Test Report #: PL07696-001A
OSQ-A-**-25D-U-30K-UL
Initial Delivered Lumens: 23,265



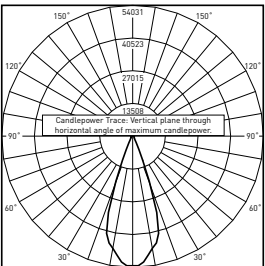
OSQ-A-**-25D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

25° Flood Distribution

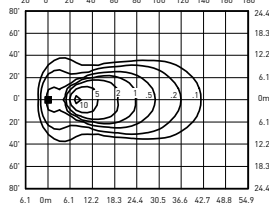
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

40D



CESTL Test Report #: PL07697-001A
OSQ-A-**-40D-U-30K-UL
Initial Delivered Lumens: 22,943



OSQ-A-**-40D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

40° Flood Distribution

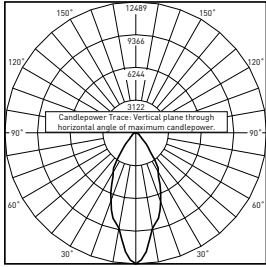
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

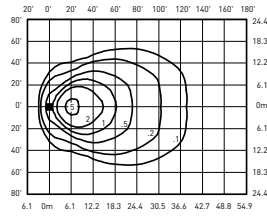
Photometry

All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult: <https://creelighting.com/products/outdoor/area/osq-series>

60D



CESTL Test Report #: PL08100-001B
OSQ-A-**-60D-B-30K-UL
Initial Delivered Lumens: 10,079

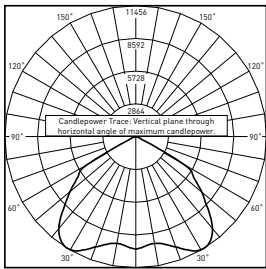


OSQ-A-**-60D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

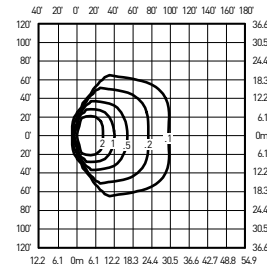
60° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

120D



RESL Test Report #: PL15731-001A
OSQ-A-**-120D-U-40K-UL
Initial Delivered Lumens: 25,501

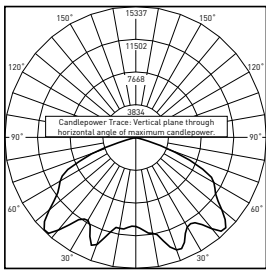


OSQ-A-**-120D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

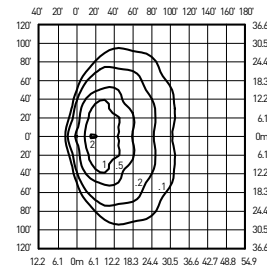
Type 120° Flood Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

WSN



CESTL Test Report #: PL07695-001A
OSQ-A-**-WSN-U-30K-UL
Initial Delivered Lumens: 23,116










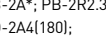



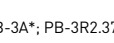




OSQ-A-**-WSN-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

Wide Sign Distribution				
Input Power Designator	3000K (70 CRI)	4000K (70 CRI)	5000K (90 CRI)	5700K (70 CRI)
	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*	Initial Delivered Lumens*
B	10,806	11,478	10,575	11,678
K	15,909	16,897	15,800	17,191
Z	5,552	6,428	6,525	6,539

* 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

Luminaire EPA

Adjustable Arm Mount – OSQ-B-AA Weight: 28.4 lbs. (12.9kg)							
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	3 @ 180°	4 @ 180°	4 @ 90°
Tenon Configuration (0° -80° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA							
							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*; PD-2A4(90); PT-2(90)	PB-3A*; PD-3A4(90); PT-3(90)	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375; PD-4A4(90); PT-4(90)
0° Tilt							
0.74	1.48	1.19	1.93	1.63	3.33	4.66	2.38
10° Tilt							
0.75	1.48	1.49	2.23	2.15	4.22	5.84	2.98
20° Tilt							
1.12	1.48	1.86	2.60	2.85	5.31	7.32	3.72
30° Tilt							
1.46	1.48	2.20	2.94	3.56	6.34	8.68	4.40
45° Tilt							
1.96	1.96	2.69	3.43	4.54	7.83	10.68	5.38
60° Tilt							
2.33	2.33	3.07	3.81	5.11	8.94	12.16	6.14
70° Tilt							
2.49	2.49	3.23	3.97	5.11	9.43	12.80	6.46
80° Tilt							
2.58	2.58	3.32	4.06	5.11	9.71	13.16	6.64
Tenon Configuration (90° Tilt); If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA							
							
PB-1A*; PT-1; PW-1A3**	PB-2A*; PB-2R2.375; PD-2A4(180); PT-2(180); PW-2A3**	PB-2A*	PB-3A*	PB-3A*; PT-3(120)	PB-3A*; PB-3R2.375	PB-4A*(180)	PB-4A*(90); PB-4R2.375
90° Tilt							
2.61	2.61	4.44	6.05	5.11	9.79	13.28	10.39

* 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
PD Series Tenons	0.09
PT Series Tenons	0.10
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)	
<p>Square Internal Mount Vertical Tenons (Steel) - Mounts to 3-6" (76-152mm) square aluminum or steel poles</p> <p>PB-1A* – Single PB-4A*(90) – 90° Quad PB-2A* – 180° Twin PB-4A*(180) – 180° Quad PB-3A* – 180° Triple</p>	<p>Round External Mount Vertical Tenons (Steel) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons</p> <p>PB-2R2.375 – Twin PB-4R2.375 – Quad PB-3R2.375 – Triple</p>
<p>Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles</p> <p>PD-2A4(90) – 90° Twin PD-3A4(90) – 90° Triple PD-2A4(180) – 180° Twin PD-4A4(90) – 90° Quad</p>	<p>Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375" (60mm) O.D. round aluminum or steel poles or tenons</p> <p>- Mounts to square pole with PB-1A* tenon</p> <p>PT-1 – Single (Vertical) PT-3(90) – 90° Triple PT-2(90) – 90° Twin PT-3(120) – 120° Triple PT-2(180) – 180° Twin PT-4(90) – 90° Quad</p>
<p>Wall Mount Brackets - Mounts to wall or roof</p> <p>WM-2 – Horizontal for OSQ-B-AA mount WM-4 – L-Shape for OSQ-B-AA mount WM-DM – Plate for OSQ-DA mount</p>	<p>Mid-Pole Bracket - Mounts to square pole</p> <p>PW-1A3** – Single PW-2A3** – Double</p>
<p>Ground Mount Post - For ground-mounted flood luminaires</p> <p>PGM-1 - for OSQ-B-AA mount</p>	

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

Luminaire EPA

Direct Arm Mount – OSQ-DA Weight: 28.9 lbs. (13.1kg)					
Single	2 @ 180°	2 @ 90°	3 @ 90°	3 @ 120°	4 @ 90°
					
0.74	1.48	1.19	1.93	1.63	2.38

Direct Mount Configurations

Compatibility with OSQ-DA Direct Mount Bracket					
Input Power Designator	2 @ 90°	2 @ 180°	3 @ 90°	3 @ 120°	4 @ 90°
3" Square					
B, K & Z	N/A	✓	N/A	N/A	N/A
3" Round					
B, K & Z	N/A	✓	N/A	N/A	N/A
4" Square					
B, K & Z	✓	✓	✓	N/A	✓
4" Round					
B, K & Z	✓	✓	✓	✓	✓
5" Square					
B, K & Z	✓	✓	✓	N/A	✓
5" Round					
B, K & Z	✓	✓	✓	✓	✓
6" + Square					
B, K & Z	✓	✓	✓	N/A	✓
6" + Round					
B, K & Z	✓	✓	✓	✓	✓

Luminaire EPA

Trunnion Mount – OSQ-TM Weight: 32.6 lbs. (14.8kg)	
Single	
0° Tilt	
0.75	
15° Tilt	
0.99	
30° Tilt	
1.57	
45° Tilt	
2.07	
60° Tilt	
2.46	
75° Tilt	
2.67	
90° Tilt	
2.33	

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

The Field Adjustable Output option enables the OSQ 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.

Q Option Power & Lumen Data – Designator B

Q Option Setting	CCT/CRI	System Watts	Lumen Values						Optics Qualified on DLC QPL	
			120-480V	Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/ BLS	3ME w/ BLS	4ME w/ BLS	Standard
Q9 (Full Power)	30K (70 CRI)	86	10,738	10,232	10,806	8,251	8,477	8,251	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		11,424	10,867	11,478	8,779	9,019	8,779	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		9,350	10,000	10,575	7,200	7,400	7,200	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		11,648	11,056	11,678	8,950	9,196	8,950	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q6	30K (70 CRI)	77	9,449	9,004	9,509	7,261	7,460	7,261	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		10,053	9,563	10,101	7,726	7,937	7,726	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		8,350	8,950	9,450	6,425	6,600	6,425	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		10,250	9,729	10,277	7,876	8,092	7,876	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q5	30K (70 CRI)	72	8,913	8,492	8,969	6,848	7,036	6,848	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		9,482	9,020	9,527	7,287	7,486	7,287	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		7,525	8,050	8,525	5,775	5,950	5,775	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		9,668	9,176	9,693	7,429	7,633	7,429	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q4	30K (70 CRI)	62	7,731	7,367	7,780	5,941	6,103	5,941	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		8,225	7,824	8,264	6,321	6,494	6,321	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		6,575	7,025	7,425	5,050	5,175	5,050	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		8,387	7,960	8,408	6,444	6,621	6,444	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q3	30K (70 CRI)	53	6,550	6,241	6,592	5,033	5,171	5,033	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		6,969	6,629	7,002	5,355	5,502	5,355	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		5,575	5,975	6,325	4,290	4,410	4,290	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		7,105	6,744	7,124	5,460	5,610	5,460	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q2	30K (70 CRI)	45	5,476	5,218	5,511	4,208	4,323	4,208	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		5,826	5,542	5,854	4,477	4,600	4,477	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		4,550	4,890	5,175	3,500	3,590	3,500	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		5,940	5,639	5,956	4,565	4,690	4,565	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q1	30K (70 CRI)	34	4,188	3,990	4,214	3,218	3,306	3,218	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		4,455	4,238	4,476	3,424	3,517	3,424	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		3,500	3,770	3,980	2,690	2,760	2,690	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		4,543	4,312	4,554	3,491	3,586	3,491	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN

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

The Field Adjustable Output option enables the OSQ 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.

Q Option Power & Lumen Data – Designator K

Q Option Setting	CCT/CRI	System Watts 120-480V	Lumen Values						Optics Qualified on DLC QPL	
			Asymmetric	5ME	5SH, 5SQ & Floods	2ME w/BLS	3ME w/BLS	4ME w/BLS	Standard	Premium
Q9 (Full Power)	30K (70 CRI)	130	16,022	15,063	15,909	12,312	12,649	12,312	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		16,959	15,999	16,897	13,032	13,389	13,032	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		14,000	14,925	15,800	10,750	11,050	10,750	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		17,291	16,277	17,191	13,286	13,650	13,286	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q6	30K (70 CRI)	117	14,099	13,255	14,000	10,835	11,131	10,835	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		14,924	14,079	14,869	11,468	11,782	11,468	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		12,500	13,350	14,100	9,600	9,875	9,600	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		15,216	14,324	15,128	11,692	12,012	11,692	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q5	30K (70 CRI)	110	13,298	12,502	13,204	10,219	10,499	10,219	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		14,076	13,279	14,025	10,817	11,113	10,817	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		11,250	12,050	12,725	8,650	8,900	8,650	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		14,352	13,510	14,269	11,027	11,330	11,027	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q4	30K (70 CRI)	93	11,536	10,845	11,454	8,865	9,107	8,865	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		12,210	11,519	12,166	9,383	9,640	9,383	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		9,825	10,525	11,100	7,550	7,750	7,550	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		12,450	11,719	12,378	9,566	9,828	9,566	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q3	30K (70 CRI)	80	9,773	9,188	9,704	7,510	7,716	7,510	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		10,345	9,759	10,307	7,950	8,167	7,950	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		8,350	8,950	9,475	6,425	6,600	6,425	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		10,548	9,929	10,487	8,104	8,327	8,104	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q2	30K (70 CRI)	67	8,171	7,682	8,114	6,279	6,451	6,279	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		8,649	8,159	8,617	6,646	6,828	6,646	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		6,825	7,325	7,725	5,250	5,375	5,250	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		8,818	8,301	8,767	6,776	6,962	6,776	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
Q1	30K (70 CRI)	51	6,249	5,875	6,205	4,802	4,933	4,802	5ME	2ME, 3ME, 4ME, 5SH, 15D, 25D, 40D, 60D, WSN
	40K (70 CRI)		6,614	6,240	6,590	5,082	5,222	5,082	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	50K (90 CRI)		5,250	5,650	5,975	4,030	4,150	4,030	2ME, 3ME, 4ME	5ME, 5SH, 15D, 25D, 40D, 60D, WSN
	57K (70 CRI)		6,743	6,348	6,704	5,182	5,324	5,182	N/A	2ME, 3ME, 4ME, 5ME, 5SH, 15D, 25D, 40D, 60D, WSN

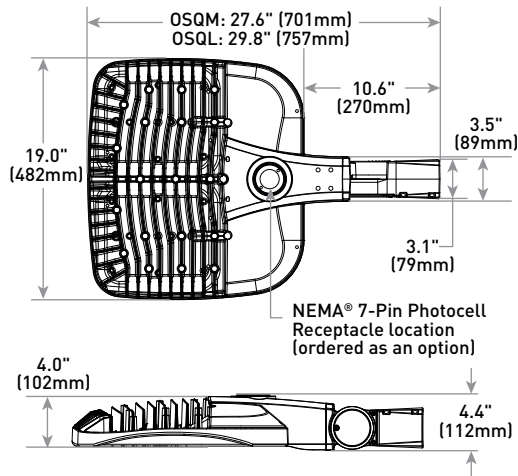
OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Medium

AA Mount

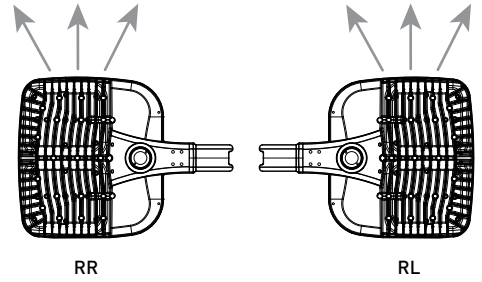


Weight

28.4 lbs. (12.9kg)



RR/RL Configuration



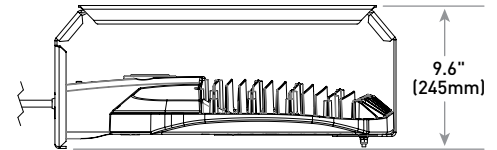
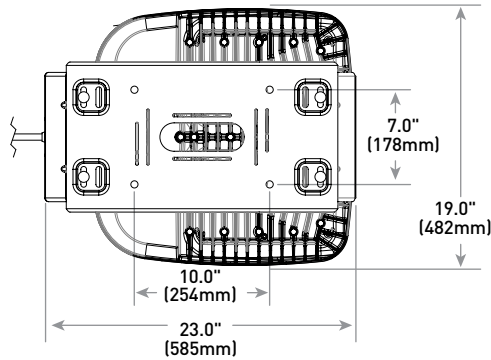
TSP Mount



Weight

42.0 lbs. (19.1kg)

OSQ Large luminaire shown.



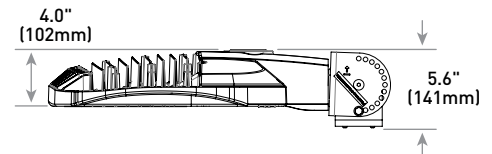
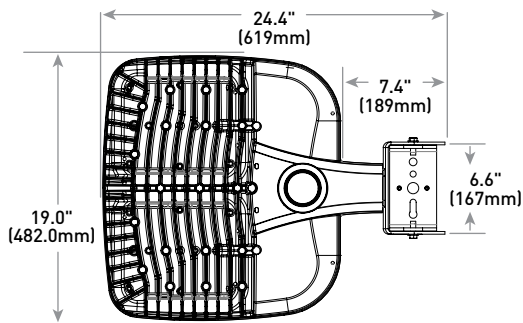
TM Mount



Weight

32.6 lbs. (14.8kg)

OSQ Large luminaire shown.



© 2020 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. Cree®, the Cree logo, TrueWhite®, Cree TrueWhite®, and the Cree TrueWhite Technology logo are registered trademarks of Cree, Inc. NanoOptic® and Colorfast DeltaGuard® are registered trademarks, and Precision Delivery Grid™ and OSQ™ are trademarks of Cree Lighting, A company of IDEAL INDUSTRIES. The UL logo is a registered trademark of UL LLC. NEMA® is a registered trademark of the National Electrical Manufacturers Association. The DLC QPL logo and the DLC QPL Premium logo are registered trademarks of Efficiency Forward, Inc. Synapse® is a registered trademark of Synapse Wireless, Inc. Verizon® is a registered trademark of Verizon Trademark Services LLC.