



| 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 | SVHVL (Silver) BKHVL (Black) BZHVL (Bronze) GRHVL (White) WHHVL (White) |
| - | 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 | SV BK BZ GR WH |
| 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) LED118D78G4840 |
| - | A19 | LED6DA19840 |
| - | 4 T8 Bulb | LED118D78G4840 |
| - | A19 Enclosed | LED150A21840 |

| Wells Fargo Exterior Lighting Spec V1 | | | |
|---------------------------------------|--|------------------------|-------------|
| Exterior ATM / Night Depositors | 5' circle | Spec - H | Spec - NH |
| ATM | 10 fc | | |
| *Minimum FC levels | 50' circle | 2 fc | 1 fc |
| WF Parking areas within 60' | | 2 fc | 1 fc |
| If within 10' of a corner: | 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 |
| WF Parking areas within 60' | | 2 fc | 1 fc |
| If within 10' of a corner: | 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 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 Canops and New 1 Qty of Wallpack are proposed for achieving the compliance and Street View.
 - 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.



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


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

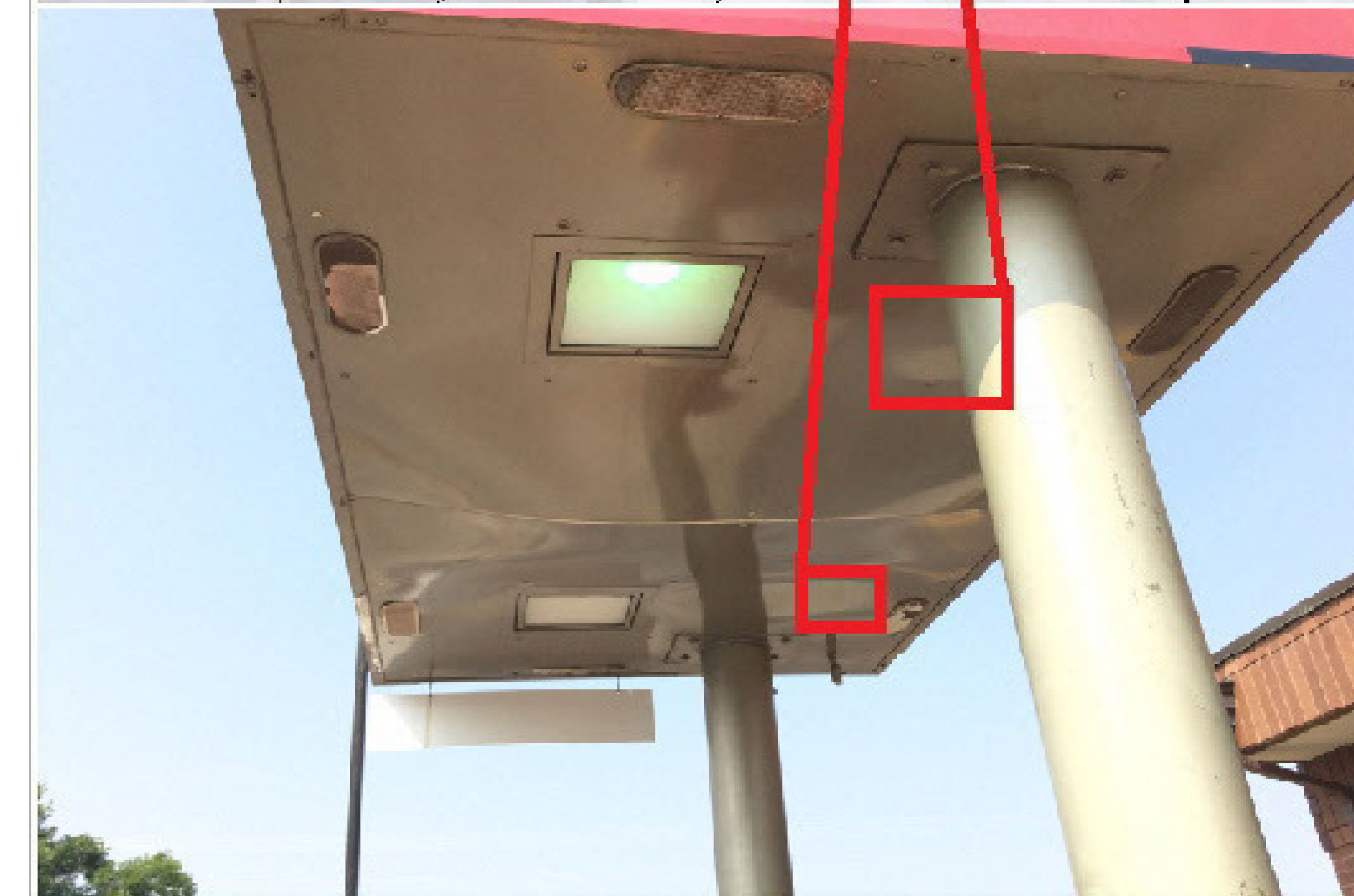
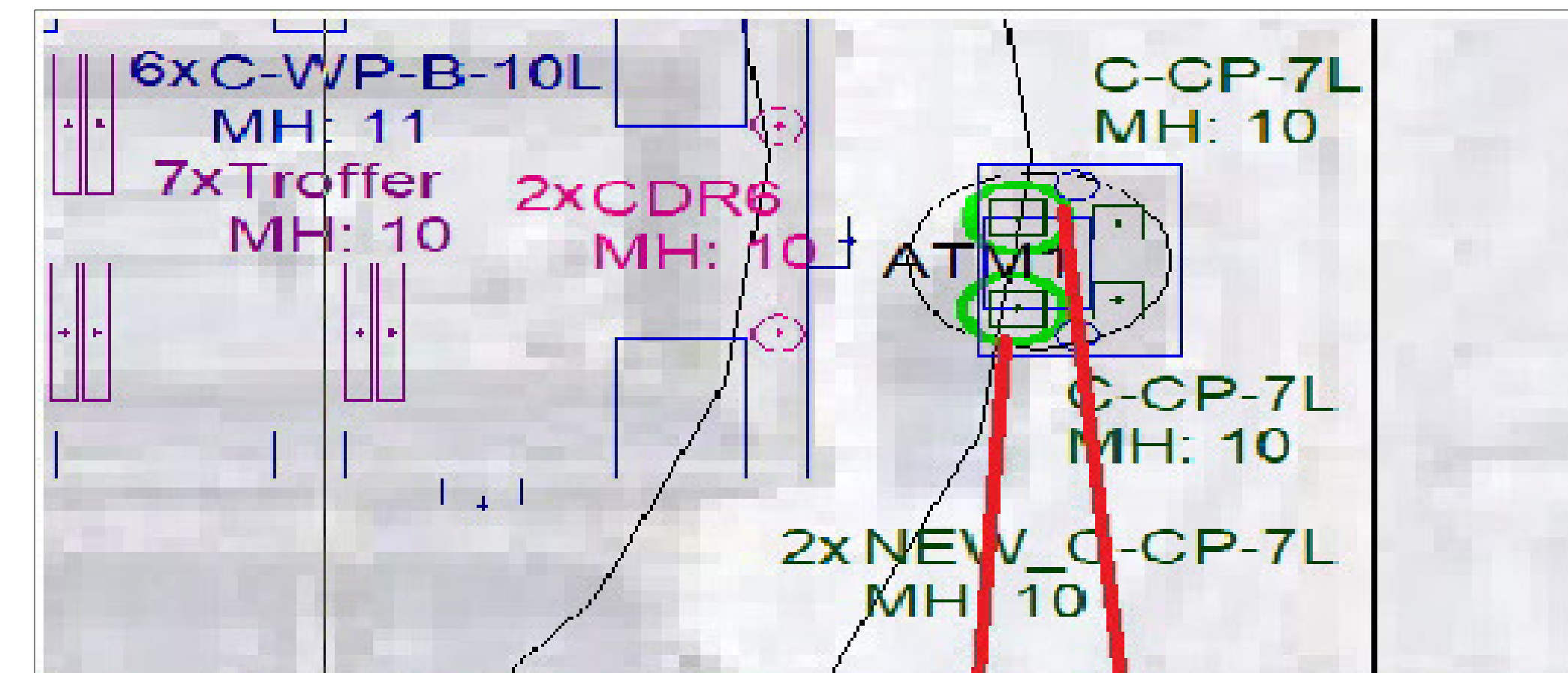
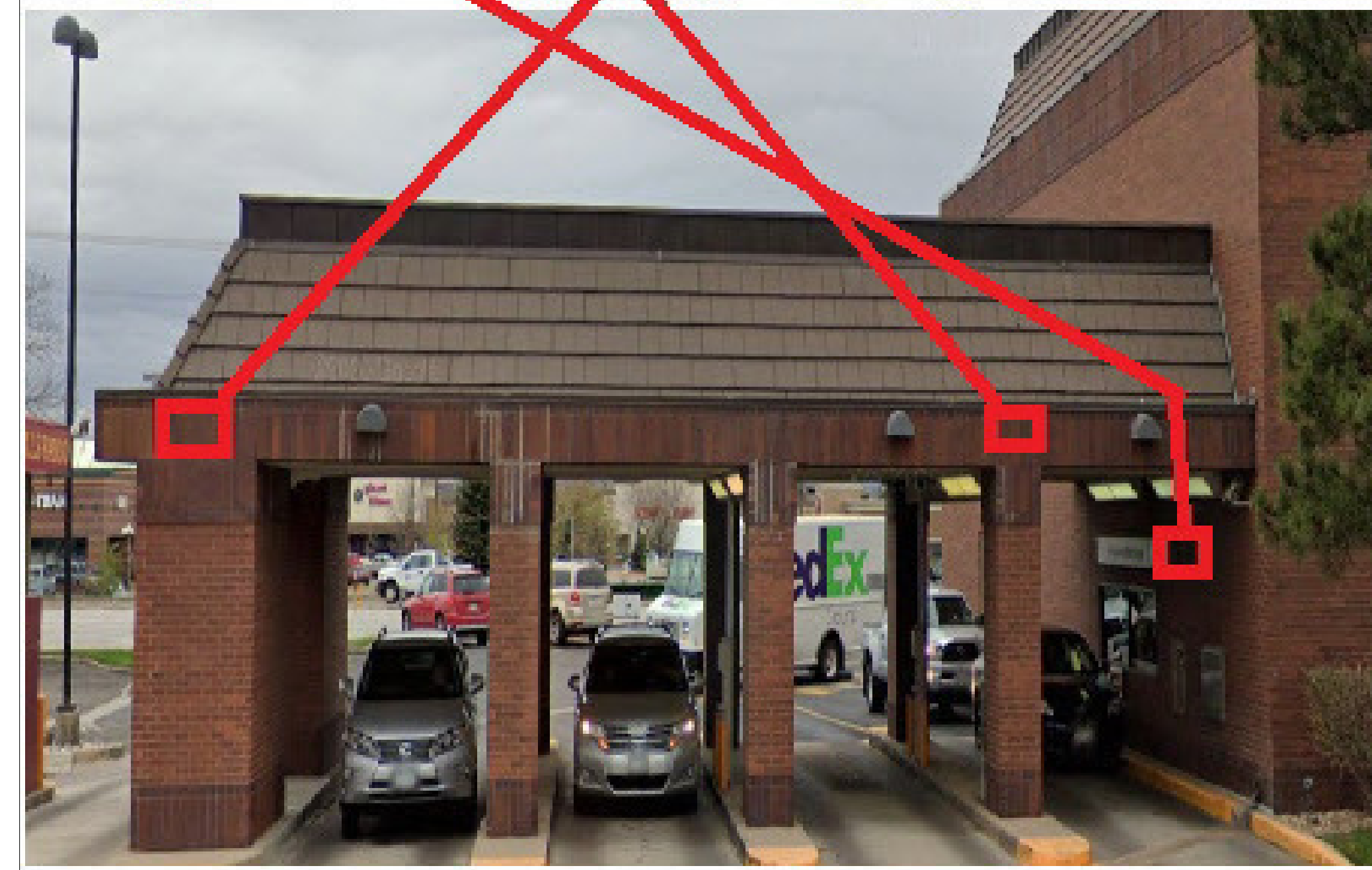
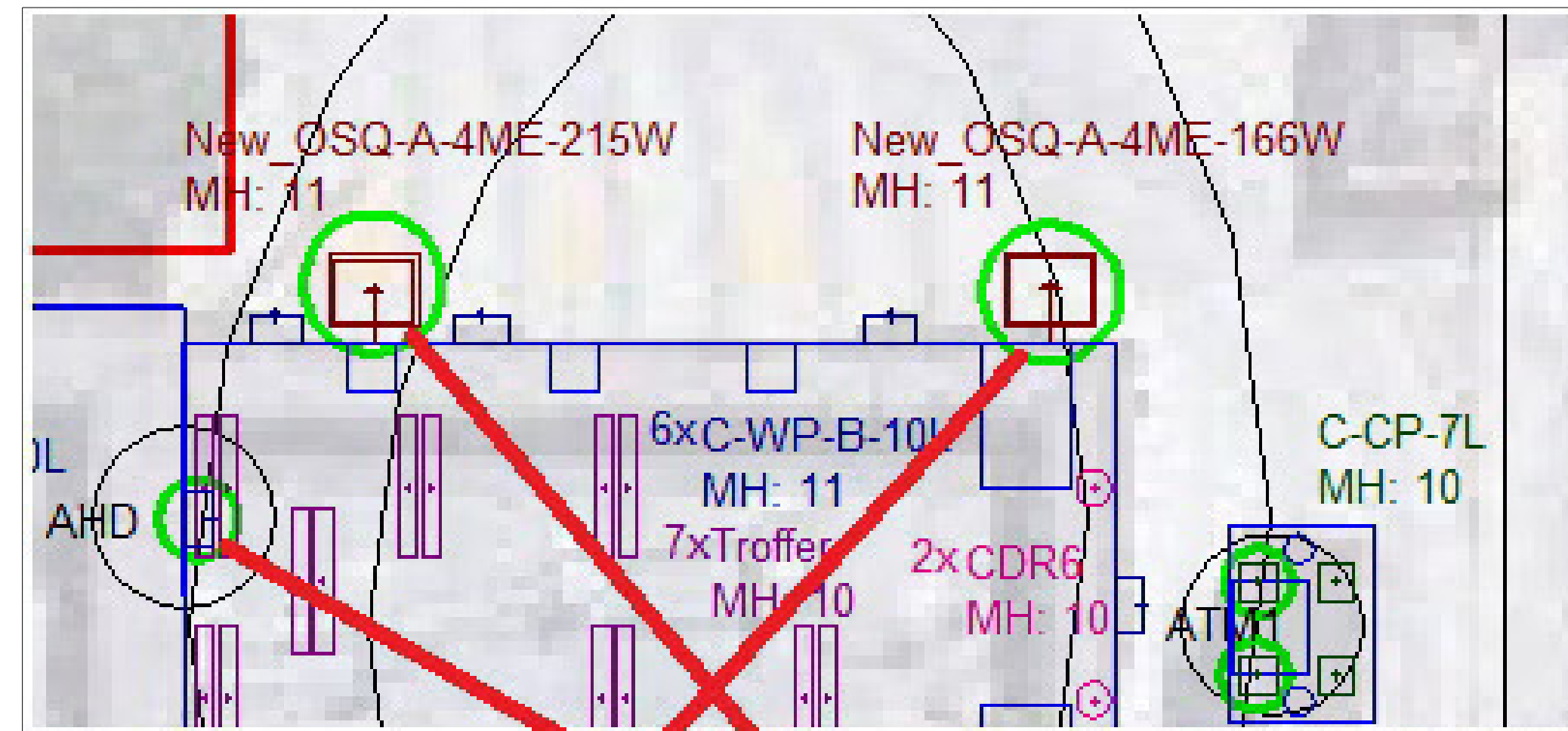
Designer: SS
 Date: 24-06-2022
 SLS Drawing #: WF # 120751 - Parker 10900 S PARKER RD PARKER CO AGI

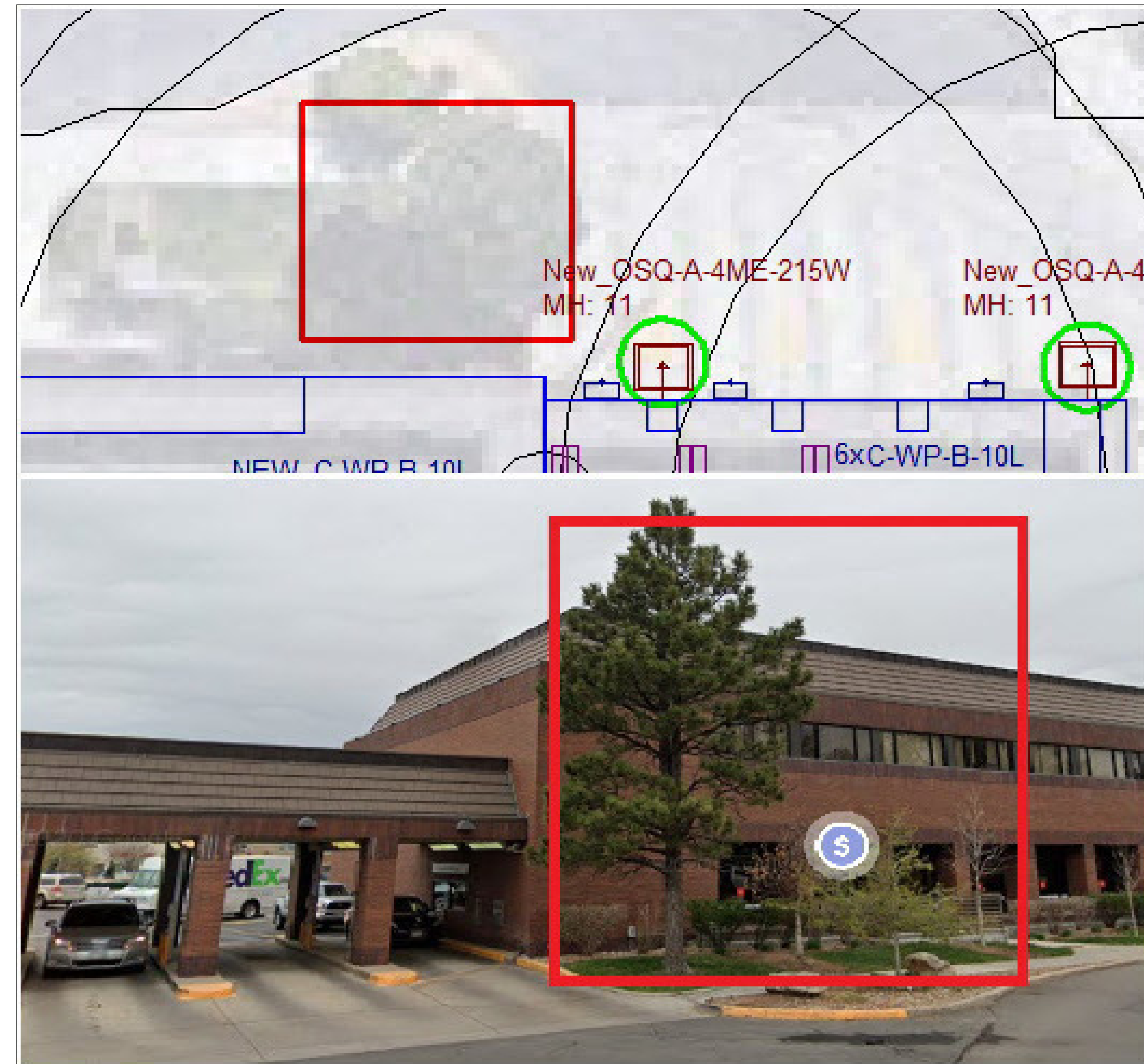
WF # 120751 - Parker
 10900 S PARKER RD PARKER CO
 Horizontal and Vertical FC indicated
 Values at maintained output

Page 1 of 3

Calculator light levels are based on specific information that has been supplied to SLS. Any differences in luminaire installation, light area geometry and obstructions in the light area may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will affect results.
 Ref: IES LM-61-1986 Identifying Operating Factors for HID Luminaires

Southern Lighting Source
 800 Battery Avenue SE Suite 410
 Atlanta, GA 30339





Lumination™ LED Luminaires

Refit Solutions
Refit™ Universal Linear Kit

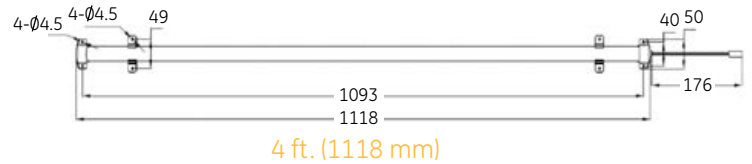


Project name _____
Date _____
Type _____

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:

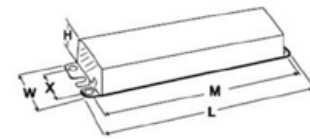
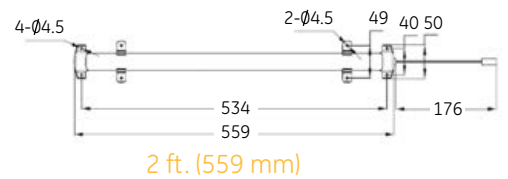


Performance Summary: 2 ft.

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

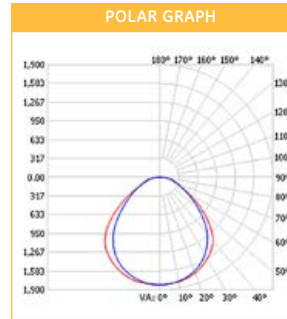


Photometric Data: Lumination™ Refit Universal Linear

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

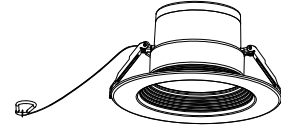
Easy to install in new construction or retrofit housing with spring action housing clips

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

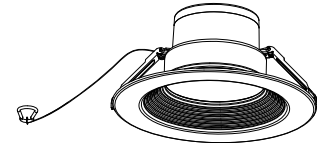
*See <http://creelighting.com/warranty> for warranty terms



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 |

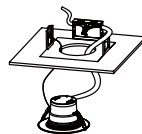
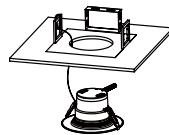
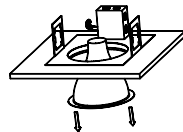
¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors.

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.

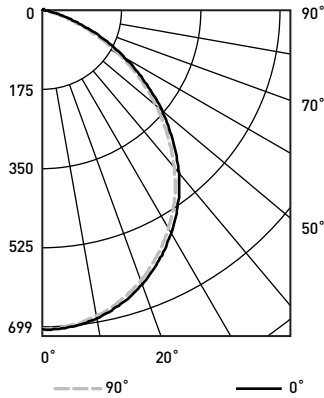
NOTE: Reference <https://www.creelink.com/exLink.asp?628607400V82U31165432200> for detailed installation instructions



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

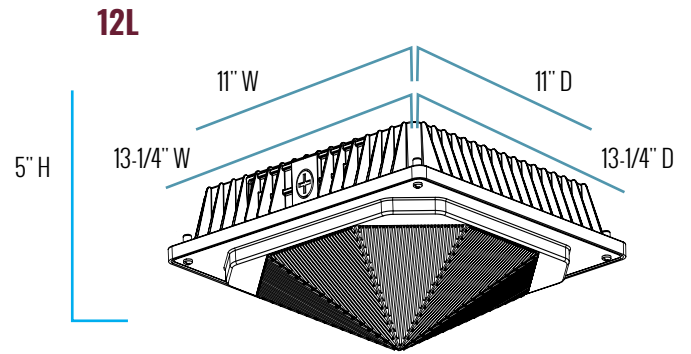
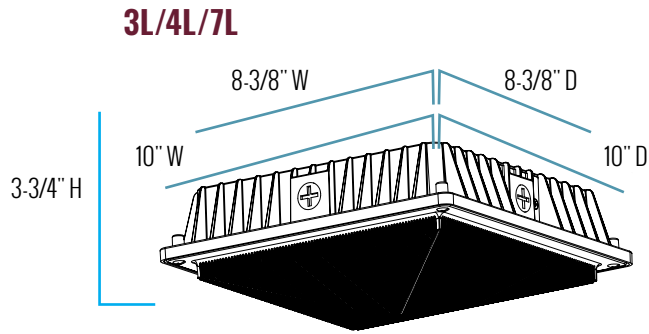
Example: C-CP-C-SQ-12L-50K-DB

| 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

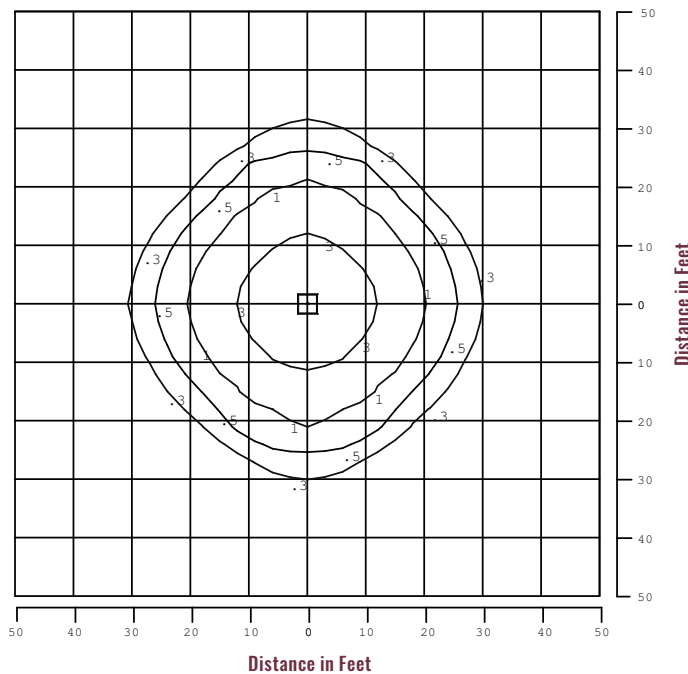
WARRANTY AND CERTIFICATIONS

| 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

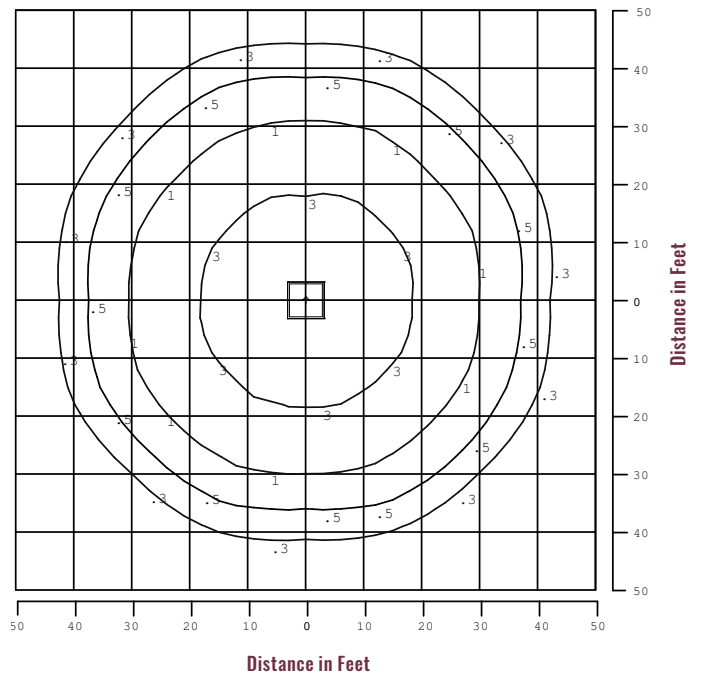
C-CP-C-SQ-4L-50K

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

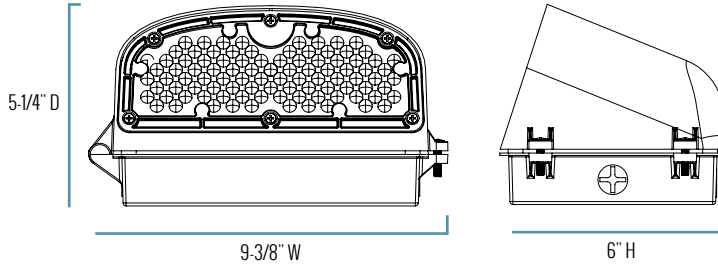
| C-WP | B | RDC | LUMEN PACKAGE | | CCT | DB |
|---------|--------|---------------------|---|---|---|-------------------|
| PRODUCT | SERIES | TYPE | LUMEN PACKAGE | | CCT | COLOR |
| C-WP | B | RDC Round Cutoff | 1L 1500L 12W 3L 3000L (4000K), 3100L (5000K) 22W 6L 6200L (4000K), 6300L (5000K) 47W |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

CERTIFICATIONS

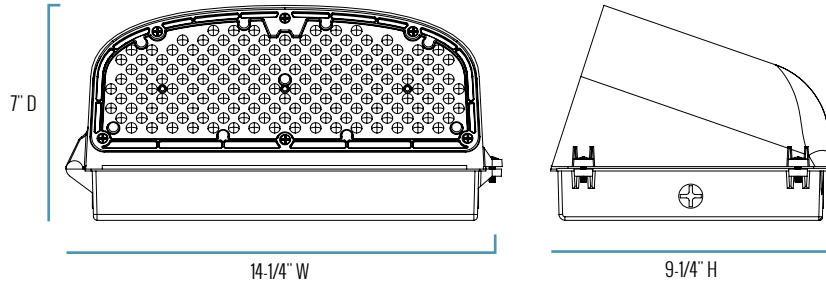


C-WP-B-RDC Series

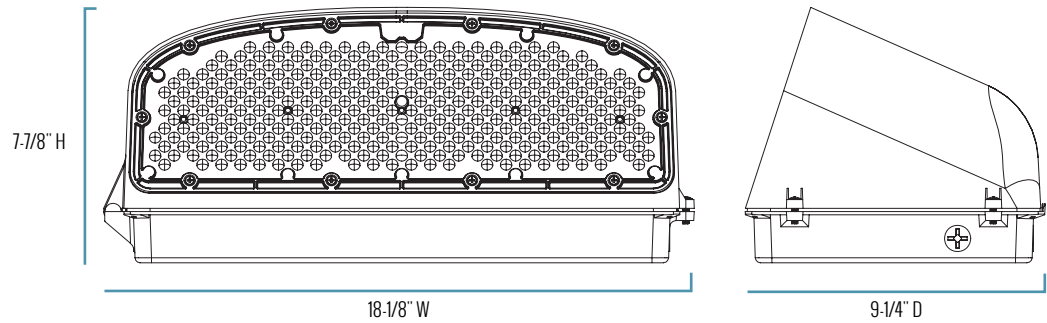
C-WP-B-RDC-1L, 3L



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. |

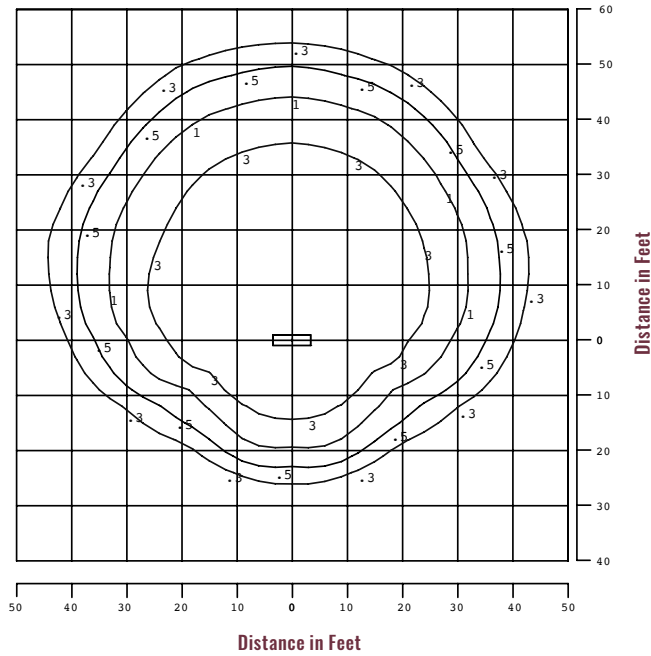
© 2021 Cree Lighting, A company of IDEAL INDUSTRIES. All rights reserved. For informational purposes only. Content is subject to change. Patent www.creelighting.com/patents. C-Lite and the C-Lite logo are registered trademarks of Cree Lighting. Due to continuous product improvement, information in this 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

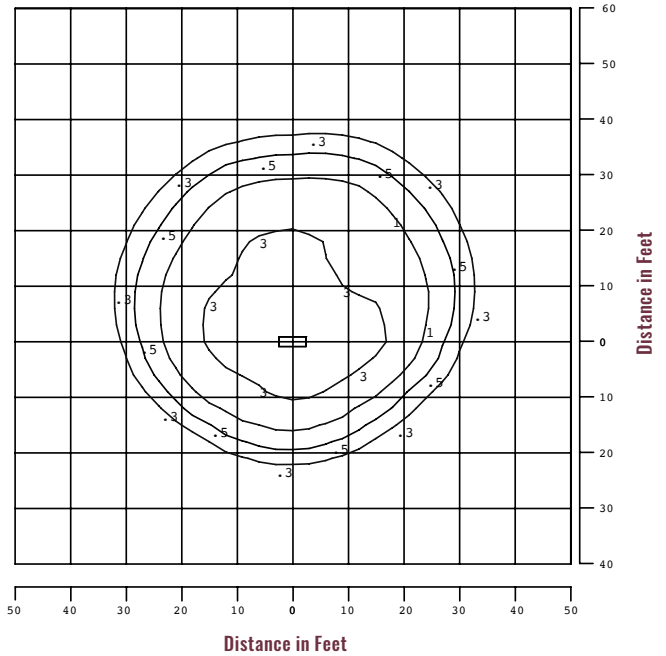
C-WP-B-RDC-20L-50K

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](http://www.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

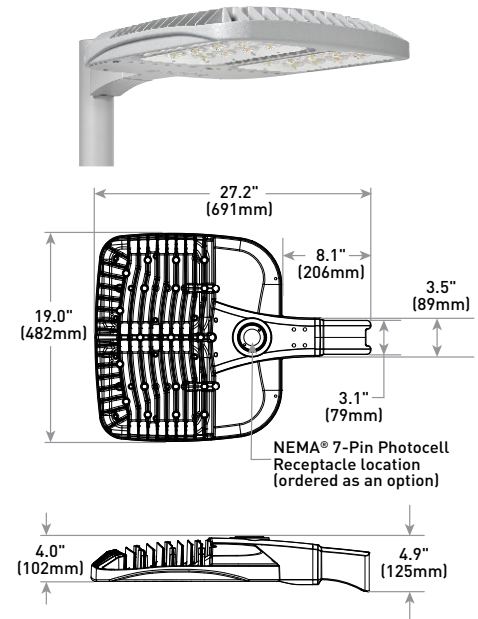
CRI: Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)

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 | |

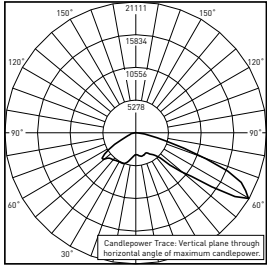


OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Large

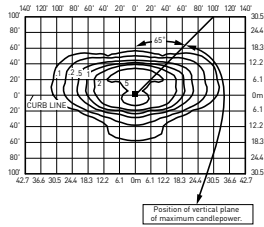
Photometry

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



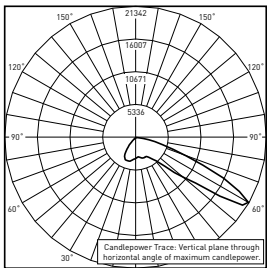
CESTL Test Report #: PL07701-001A
 OSQ-A**-2ME-U-40K-UL
 Initial Delivered Lumens: 26,946



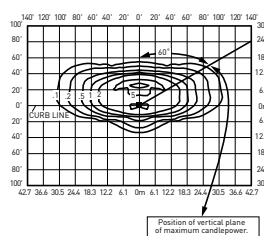
OSQ-A**-2ME-U-40K-UL
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 29,100
 Initial FC at grade

| 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

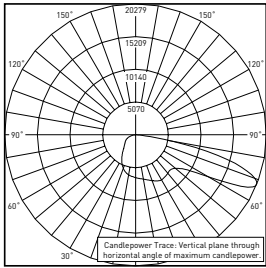
| Type II Medium w/BLS Distribution | | | | | | | | |
|-----------------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| 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

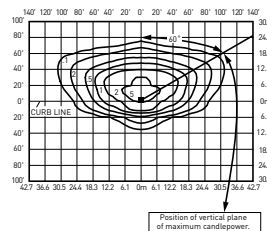
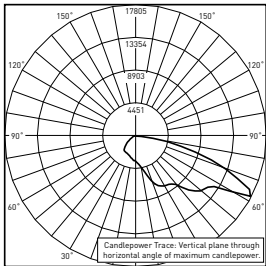


DTC Test Report #: PL15529-001A
OSQ-A-3ME-U-40K-UL**
Initial Delivered Lumens: 30,584

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 |

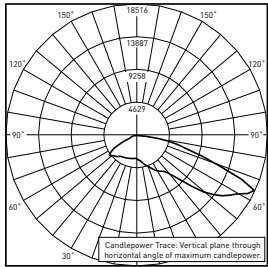
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
 ** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

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

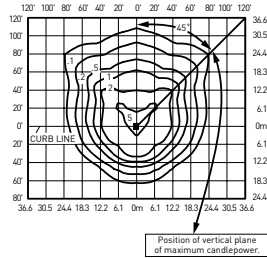
Photometry

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>

4ME



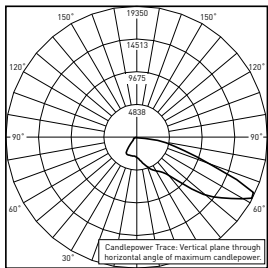
CESTL Test Report #: PL07690-001A
OSQ-A-**-4ME-U-40K-UL
Initial Delivered Lumens: 27,527



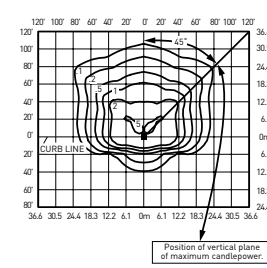
OSQ-A-**-4ME-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,100
Initial FC at grade

| 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

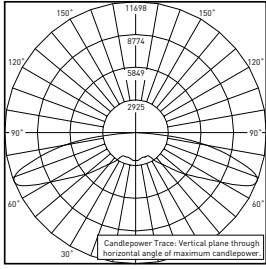
| Type IV Medium w/BLS Distribution | | | | | | | | |
|-----------------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| 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

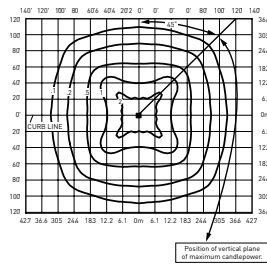
Photometry

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

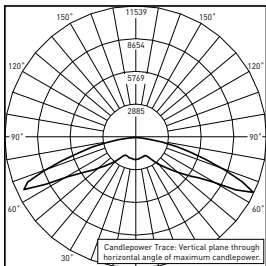


OSQ-A-5ME-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 27,800
Initial FC at grade

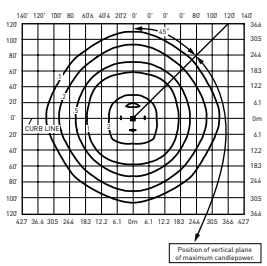
| Type V Medium Distribution | | | | | | | | |
|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| 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

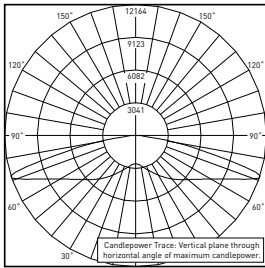
| Type V Short Distribution | | | | | | | | |
|---------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| 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

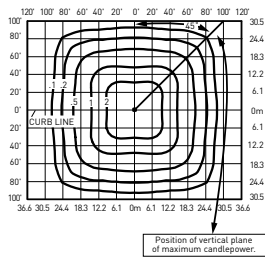
Photometry

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



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

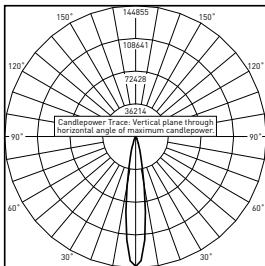


OSQ-A-NM-55Q-U-57K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 29,700
Initial FC at grade

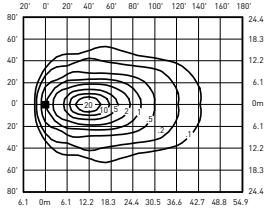
| Type V Square Distribution | | | | | | | | |
|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|--------------------------|----------------------------|
| 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

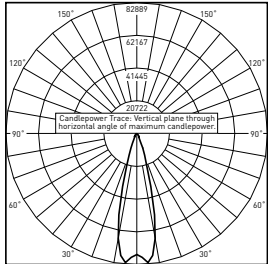
| Type 15° Flood Distribution | | | | |
|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90 CRI) | 5700K (70 CRI) |
| | Initial Delivered 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

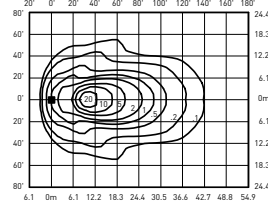
Photometry

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

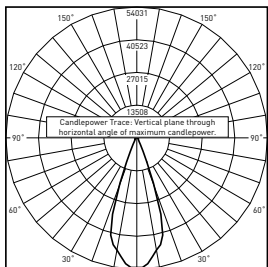


OSQ-A-**-25D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

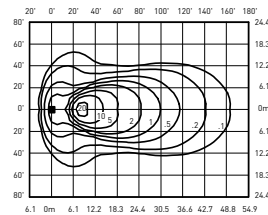
| Type 25° Flood Distribution | | | | |
|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90 CRI) | 5700K (70 CRI) |
| | Initial Delivered 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 |

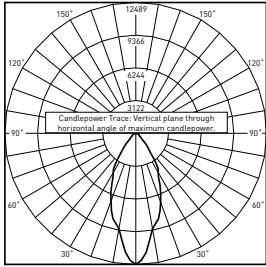
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Photometry

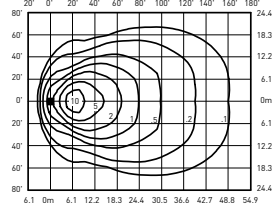
All published luminaire photometric testing performed to IES LM-79-08 standards. To obtain an IES file specific to your project consult:

<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



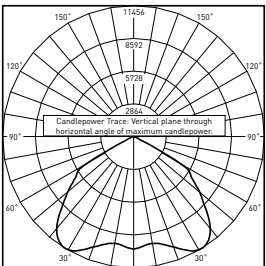
OSQ-A-**-60D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

| 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* |
| T | 21,300 | 22,900 | 20,900 | 22,900 |
| U | 28,400 | 29,700 | 25,200 | 29,700 |

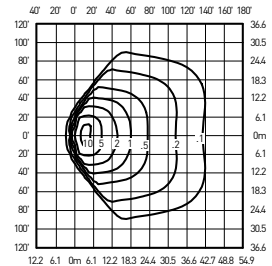
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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



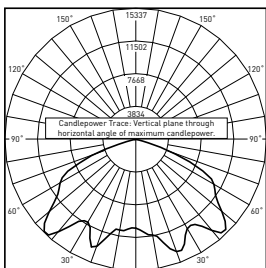
OSQ-A-**-120D-U-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 29,700
Initial FC at grade

| 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* |
| T | 21,300 | 22,900 | 20,900 | 22,900 |
| U | 28,400 | 29,700 | 25,200 | 29,700 |

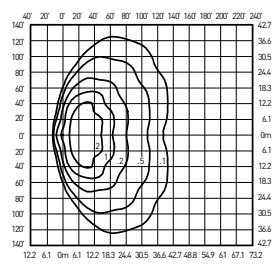
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** 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* |
| 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

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

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 | 18,800 | 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 | 18,800 | 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 |

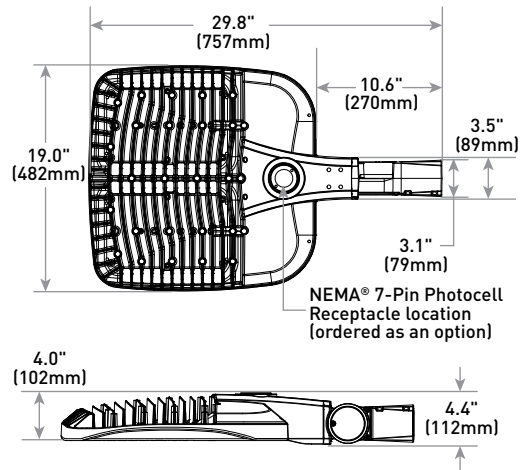
OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Large

AA Mount

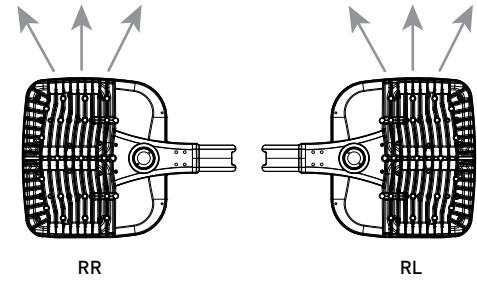


Weight

32.0 lbs. (14.5kg)



RR/RL Configuration

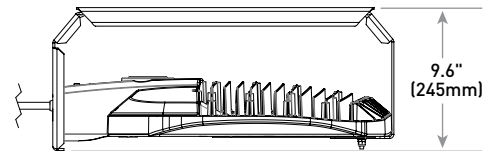
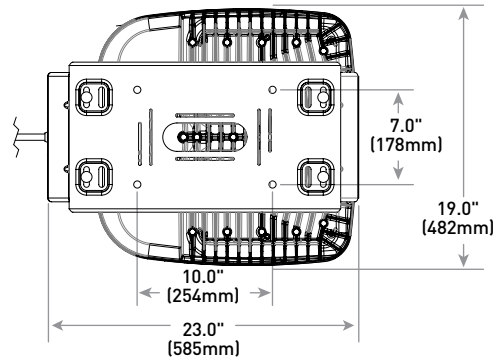


TSP Mount



Weight

44.0 lbs. (20.0kg)

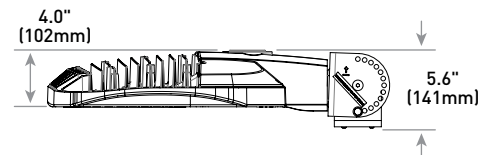
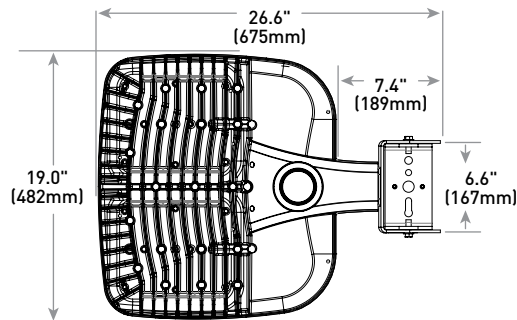


TM Mount



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

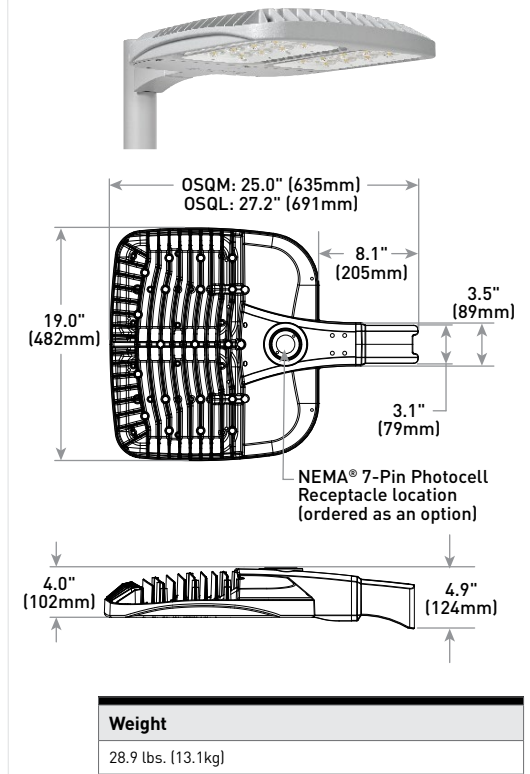
| Mount (Luminaire must be ordered separately)* | |
|---|---|
| OSQ- | |
| OSQ-B-AA Adjustable Arm OSQ-DA Direct Arm OSQ-M-TSP Transportation Mount (stainless steel; do not specify color) OSQ-TM Trunnion Mount | Color Options: SV Silver BK Black BZ Bronze WH White |

* 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



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.

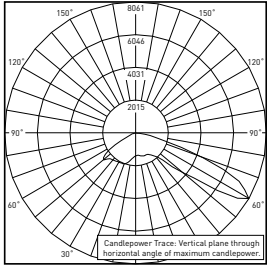
Accessories

| 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 | | | |

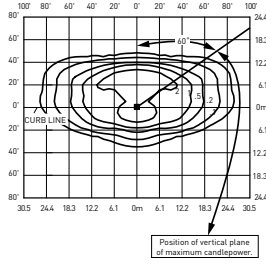
Photometry

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



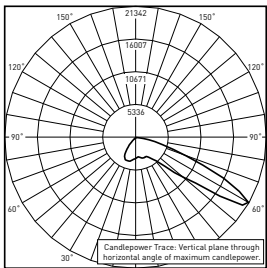
RESTL Test Report #: PL08877-001A
OSQ-A-**-2ME-B-30K-UL
Initial Delivered Lumens: 10,381



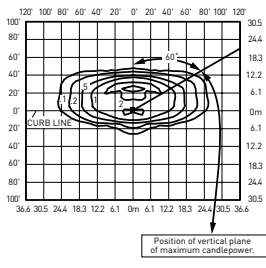
OSQ-A-**-2ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,424
Initial FC at grade

| 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

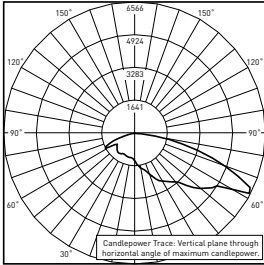
| Type II Medium w/BLS Distribution | | | | | | | | |
|-----------------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

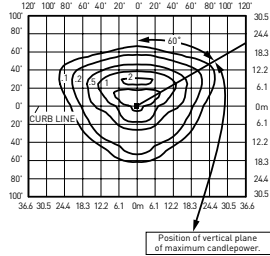
Photometry

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



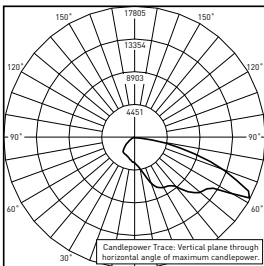
RESTL Test Report #: PL08876-001A
 OSQ-A**-3ME-B-30K-UL
 Initial Delivered Lumens: 10,421



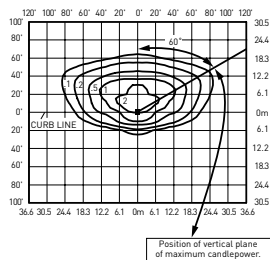
OSQ-A**-3ME-B-40K-UL
 Mounting Height: 25' (7.6m) A.F.G.
 Initial Delivered Lumens: 11,424
 Initial FC at grade

| 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

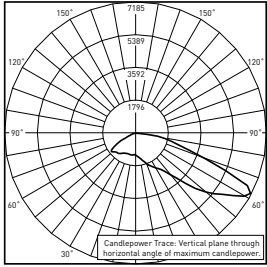
| Type III Medium w/BLS Distribution | | | | | | | | |
|------------------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

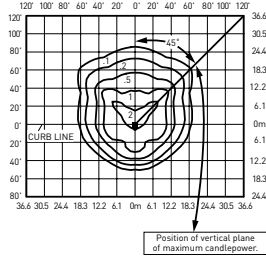
Photometry

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



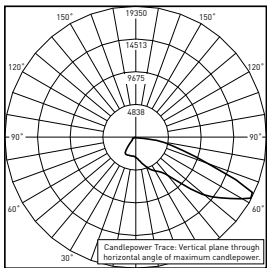
RESTL Test Report #: PL08878-001A
OSQ-A-**-4ME-B-30K-UL
Initial Delivered Lumens: 10,230



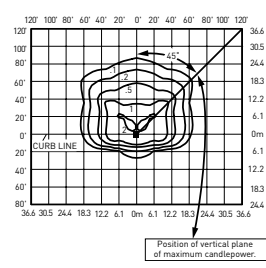
OSQ-A-**-4ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 11,424
Initial FC at grade

| 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

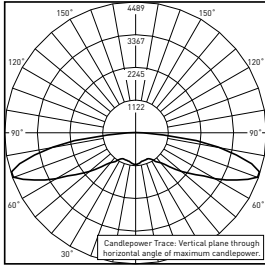
| Type IV Medium w/BLS Distribution | | | | | | | | |
|-----------------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

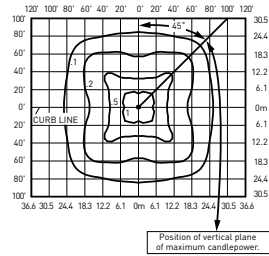
Photometry

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

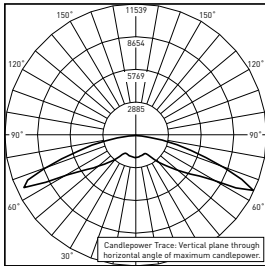


OSQ-A-**-5ME-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 10,867
Initial FC at grade

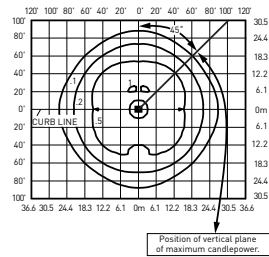
| Type V Medium Distribution | | | | | | | | |
|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

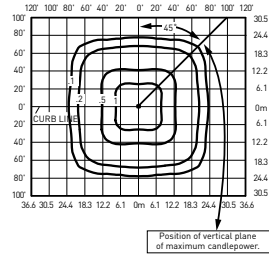
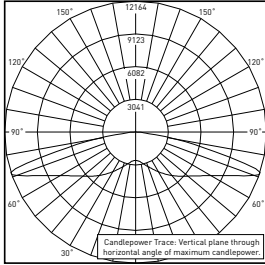
| Type V Short Distribution | | | | | | | | |
|---------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

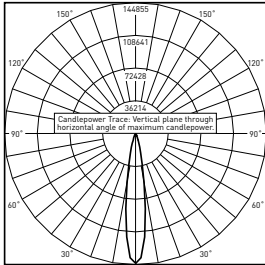
| Type V Square Distribution | | | | | | | | |
|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|----------------------------|
| 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

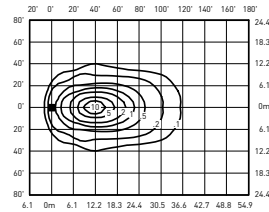
Photometry

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

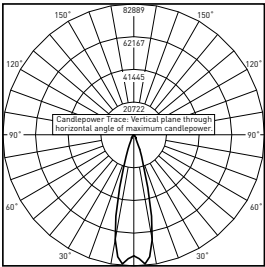


OSQ-A-**-15D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

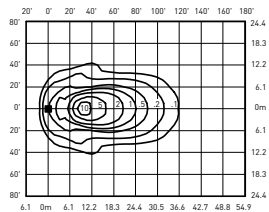
| 15° Flood Distribution | | | | |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90CRI) | 5700K (70 CRI) |
| | Initial Delivered Lumens* | Initial 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

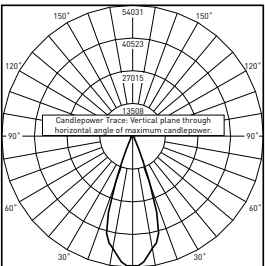


OSQ-A-**-25D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

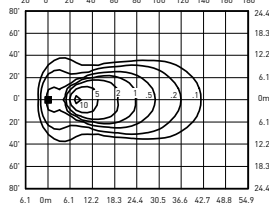
| 25° Flood Distribution | | | | |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90CRI) | 5700K (70 CRI) |
| | Initial Delivered Lumens* | Initial 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

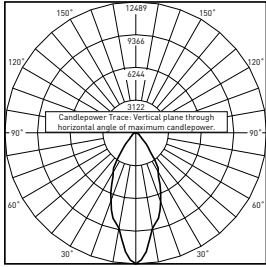
| 40° Flood Distribution | | | | |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90 CRI) | 5700K (70 CRI) |
| | Initial Delivered Lumens* | 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

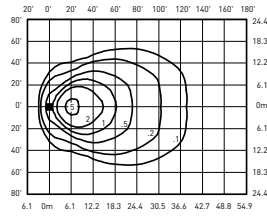
Photometry

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

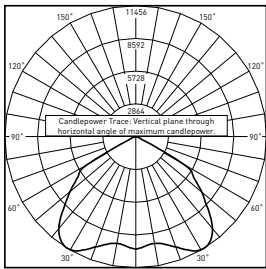


OSQ-A-**-60D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

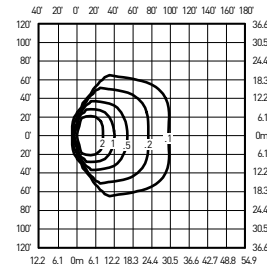
| 60° Flood Distribution | | | | |
|------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90 CRI) | 5700K (70 CRI) |
| | Initial Delivered Lumens* | 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



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

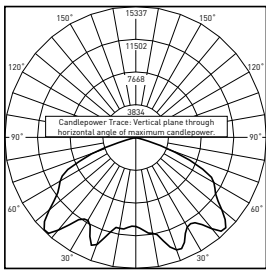


OSQ-A-**-120D-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

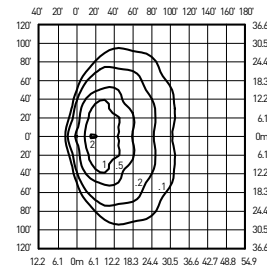
| Type 120° Flood Distribution | | | | |
|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power Designator | 3000K (70 CRI) | 4000K (70 CRI) | 5000K (90 CRI) | 5700K (70 CRI) |
| | Initial Delivered 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










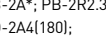



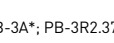




OSQ-A-**-WSN-B-40K-UL
Mounting Height: 25' (7.6m) A.F.G., 60° Tilt
Initial Delivered Lumens: 11,478
Initial FC at grade

| 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 |

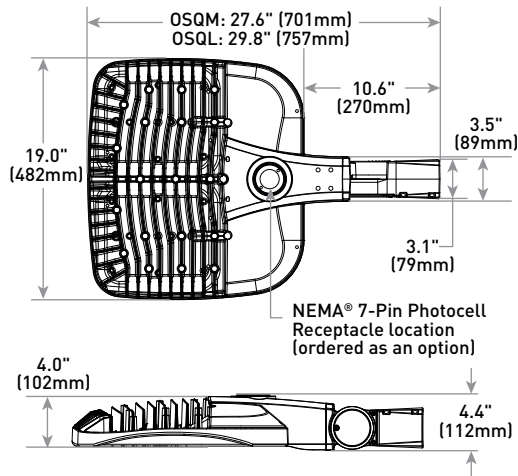
OSQ™ LED Area/Flood Luminaire featuring Cree TrueWhite® Technology – Medium

AA Mount

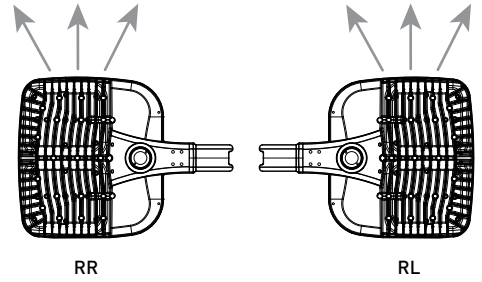


Weight

28.4 lbs. (12.9kg)



RR/RL Configuration



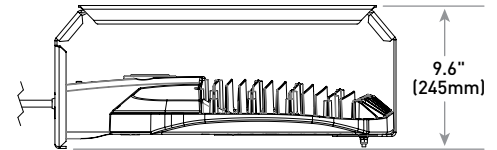
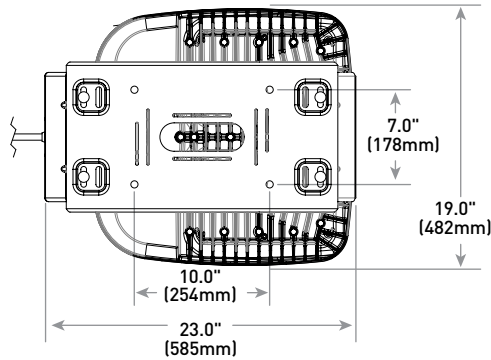
TSP Mount



Weight

42.0 lbs. (19.1kg)

OSQ Large luminaire shown.



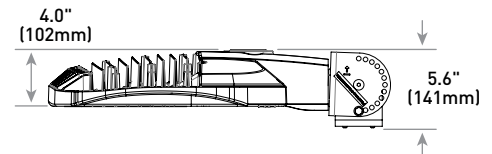
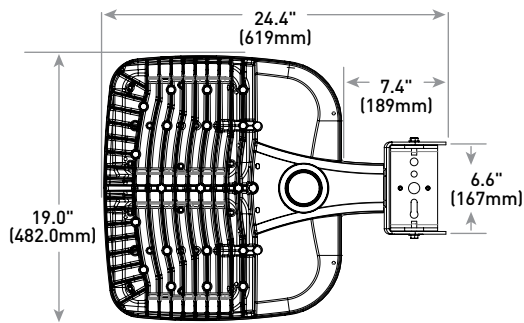
TM Mount



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.