

RSW Series

RSW™ LED Street Luminaire – Small, Medium, Large & Extra Large

Rev. Date: V11 01/23/2025

Product Description

The RSW Series, utilizing WaveMax® Technology, will transform the way utilities and municipalities light their residential streets, interchanges, and expressways. With the first viable LED streetlight at warm CCT, the RSW Series delivers up to 144 LPW, enhanced visual comfort with reduced glare and high color contrast leading to improved overall illumination using less energy. The RSW Series provides warm, inviting dark sky friendly lighting that makes good economic sense.

Applications: Residential roads, collector roads, multi-lane freeways, express ways, major roads, parking lots, and general area spaces

Performance Summary

WaveMax® Technology

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

Initial Delivered Lumens: 3,000 - 32,000

Input Power: 25 - 248W

Efficacy: Up to 144 LPW

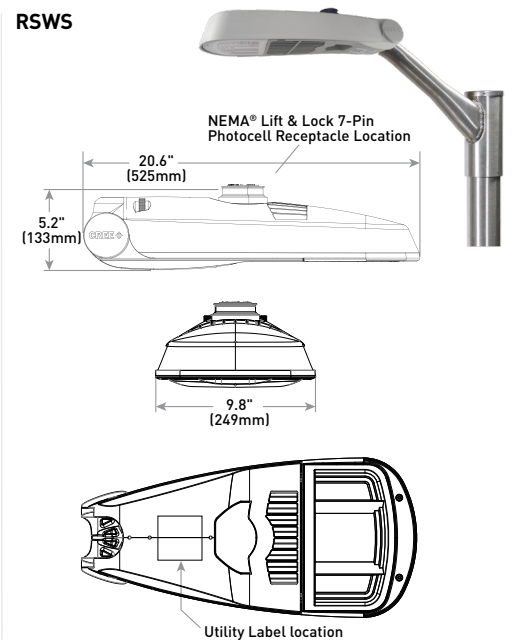
CRI: Minimum 70 CRI (3000K, 4000K & 5000K); 80 CRI (2700K, 3000K & 4000K; 3L/5L/9L lumen packages only)

CCT: 2700K, 3000K, 4000K, 5000K

Limited Warranty*: 10 years for luminaire; up to 5 years for Synapse® accessories; 1 year for luminaire accessories

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

RSWS



Luminaire	Weight*
RSWS	9.4 lbs. (4.3kg)

* RSW-BLSS, RSW-CLSS, or RSW-FLSS Accessories: add 0.4 lbs. (0.2kg)

RSWM/RSWL/RSWX Luminaire - See page 14 for photos & dimensions

Ordering Information

Example: RSW-B-HT-2ME-3L-27K8-UL-GY-N

Luminaire										
RSW	B	HT					GY	N		
Family	Size	Series	Mounting*	Optic	Lumen Package***	CCT/CRI	Voltage	Finish	Utility Label/Receptacle	Options
RSW	S Small M Medium L Large X Extra Large	B	HT Horizontal Tenon	2LG** Type II Long 2ME** Type II Medium 3ME** Type III Medium	Small 3L 3,000 Lumens 5L 5,000 Lumens 7L 7,000 Lumens Medium 9L 9,000 Lumens Large 14L 14,000 Lumens Extra Large 24L 24,000 Lumens 32L 32,000 Lumens	27K8 2700K, 80 CRI - Available only with 3L, 5L, or 9L lumen packages 30K7 3000K, 70 CRI 30K8 3000K, 80 CRI - Available only with 3L, 5L, or 9L lumen packages 40K7 4000K, 70CRI 40K8 4000K, 80 CRI - Available only with 3L, 5L, or 9L lumen packages 50K7 5000K, 70CRI	UL Universal 120-277V UH Universal 347-480V - Available only with medium, large or extra large lumen packages	GY Grey	N Utility Label and NEMA® Lift & Lock 7-Pin Photocell Receptacle - External utility label per ANSI C136.15-2020 - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Requires photocell or shorting cap by others	4BLT Four Bolt Mounting - Mounts to 1.25" (32mm) IP, 1.66" (42mm) O.D. or 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon - Available only with large or extra large lumen packages 20KV 20kV/10kA Surge Suppression - Replaces standard 10kV/5kA surge protection PP Pallet Packaging - Available only with small and medium luminaires - Multiple luminaires (up to 26 maximum per pallet for small; up to 22 maximum per pallet for medium) Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Lumen Output - Must select Q4, Q3, Q2, or Q1 for small lumen package - Must select Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 for medium lumen package - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 for large or extra large lumen packages - Offers full range lumen adjustability - Includes wattage label for setting selected - Refer to pages 7-13 for power and lumen values - Luminaire may also be dimmed through 7-Pin receptacle with use of dimming control by others SS Stainless Steel Bolts X8/X7/X6/X5/X4/X3/X2/X1 Locked Lumen Output - Must select X3, X2, or X1 for small lumen packages - Must select X7, X6, X5, X4, X3, X2, or X1 for medium lumen package - Must select X8, X7, X6, X5, X4, X3, X2, or X1 for large or extra large lumen packages - Lumen output is permanently locked to the setting selected - Includes wattage label for setting selected - Refer to pages 7-13 for power and lumen values - Dimming is only available through 7-Pin receptacle with use of dimming control by others

* Reference EPA and pole configuration suitability data on page 6

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

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



CREE LIGHTING®

Website: [creelighting.com](https://www.creelighting.com)

US: (800) 236-6800 Canada: (800) 473-1234

RSW™ LED Street Luminaire – Small, Medium, Large & Extra Large

Product Specifications

WAVEMAX® TECHNOLOGY

Featuring up to 90% optical efficiency and precise control, WaveMax® Technology provides unmatched comfort and decreased LED source luminance by smoothly spreading brightness over a broader area. When integrated with luminous surfaces made of a polymer medium engineered with DiamondFace™ optical elements, extremely high efficacy luminaires are the result – ultimately creating more visually comfortable and appealing environments while exceeding illumination performance.

CONSTRUCTION & MATERIALS

- Housing constructed of high strength, lightweight bulk molding compound for long weathering and durability
- UV stabilized polymeric door with handle pocket for tool-less entry
- Straight in wiring to terminal block for power input (#6-#14 AWG)
- Optic box and driver enclosure inside optic box meet IP66 requirements
- Mounts on 1.25" [32mm] IP, 1.66" [42mm] O.D. or 2" [51mm] IP, 2.375" [60mm] O.D. horizontal tenon [minimum 8" [203mm] in length] and is adjustable +/- 5° in 2.5° increments to allow for fixture leveling (two axis T-level included)
- Luminaire secures with two grade 5 steel mounting bolts w/clear zinc clad finish standard; optional 316 stainless steel mounting bolts available with SS option. Optional four bolt mounting is also available with large and extra large luminaires
- Comes standard with Utility Label per ANSI C136.15-2020 and 7-pin NEMA® Lift & Lock Photocell Receptacle per ANSI C136.41

Luminaire	Weight	Adder for Shielding		
		BLS	CLS	FLS
RSWS	9.4 lbs. [4.3kg]	0.4 lbs. [0.2kg]	0.4 lbs. [0.2kg]	0.4 lbs. [0.2kg]
RSWM	15.6 lbs. [7.1kg]	0.4 lbs. [0.2kg]	0.6 lbs. [0.3kg]	0.6 lbs. [0.3kg]
RSWL	20.2 lbs. [9.2kg]	0.6 lbs. [0.3kg]	1.0 lb. [0.5kg]	N/A
RSWX	28.8 lbs. [13.1kg]	0.8 lbs. [0.4kg]	N/A	N/A


* RSW-BLSS, RSW-CLSS, or RSW-FLSS Accessories: add 0.4 lbs. [0.2kg]; RSW-BLSM Accessory: add 0.4 lbs. [0.2kg]; RSW-CLSM or RSW-FLSM Accessories: add 0.6 lbs. [0.3kg]; RSW-BLSL Accessory: add 0.6 lbs. [0.3kg]; RSW-CLSL Accessory: add 1.0 lb. [0.5kg]

- Includes QR code on inside sidewall of housing which provides access to: Online installation instructions, Luminaire information [Part number, Serial number, Build date, and Warranty end date], and Warranty claim submission form
- Duplicate 1" and 2" QR code labels are included. 1" labels can be affixed inside pole bases, next to fixtures, on site plans, or in maintenance records. 2" labels can be scanned from the ground when placed at an appropriate height

ELECTRICAL SYSTEM

- Input Voltage:** 120-277V or 347-480V [available only with medium, large or extra large lumen packages], 50/60Hz
- Power Factor:** > 0.9 at full load
- Total Harmonic Distortion:** < 20% at full load
- Integral 10kV/5kA surge suppression protection standard; 20kV/10kA surge suppression protection optional
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- 10V Source Current:** 0.15mA
- Operating Temperature Range:** -40°C - +50°C [-40°F - +122°F] for RSWS, RSWM, RSWL-14L with Q/X1-Q/X5, and RSWX-24L with Q/X1-Q/X3; -40°C - +40°C [-40°F - +104°F] for other RSWL and RSWX settings

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- Meets CALTrans 611 Vibration testing
- ANSI C136.2 10kV/5kA [standard] and 20kV/10kA [optional] surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
- Assembled in the USA by Cree Lighting from US and imported parts
- Meets the requirements for Buy American Act (BAA) because it qualifies as a commercially-available off-the-shelf (COTS) item. Please refer to www.creelighting.com/BAA-BABA
- RoHS compliant. Consult factory for additional details
- DarkSky Approved when ordered with 27K/7 or 30K/7 CCTs. Please refer to <https://darksky.org/what-we-do/darksky-approved/products-companies/#/> ~/[search/keyword=cree](https://darksky.org/what-we-do/darksky-approved/products-companies/#/) for most current information
- DLC and DLC Premium qualified versions available. Please refer to <https://qpl.designlights.org/solid-state-lighting> for most current information
-  **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Accessories

Field-Installed	
Backlight Control Shields RSW-BLSS (for use with small lumen packages only) RSW-BLSM (for use with medium lumen packages only) RSW-BLSL (for use with large lumen packages only) RSW-BLSX (for use with extra large lumen packages only) - Provides 1 mounting height cutoff - 0.5" [13mm] 301 stainless steel construction - Refer to initial delivered lumen tables for lumen output	Cul-De-Sac Shields RSW-CLSS (for use with small lumen packages only) RSW-CLSM (for use with medium lumen packages only) RSW-CLSL (for use with large lumen packages only) - Provides backlight and sidelight control - 0.5" [13mm] 301 stainless steel construction - Lumen multiplier from standard optic: 0.77 [S/M]; 0.75 [L] Front Light Shields RSW-FLSS (for use with small lumen packages only) RSW-FLSM (for use with medium lumen packages only) - Provides front light control - 0.5" [13mm] 301 stainless steel construction - Lumen multiplier from standard optic: 0.87
Bird Guards RSW-BRDGRDS (for use with small lumen packages only) RSW-BRDGRDM (for use with medium lumen packages only) - 5052-H32 aluminum construction Shorting Cap XA-XSLSHRT	

Website: creelighting.com
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Product Specifications

SYNAPSE® SIMPLYSNAP INTELLIGENT CONTROL

FOR NON-STREET LIGHTING APPLICATIONS ONLY

The RSW Series is compatible with the Synapse® SimplySNAP platform. A highly intuitive connected lighting solution for Site and Area applications only. The system features a reliable and robust selfhealing mesh network with a browser-based interface that runs on smartphones, tablets, and PCs.

Using a Twist-Lock Lighting Controller and Site Controller, SimplySnap provides: energy productivity, code compliance and a better light experience for non-street lighting installations. SimplySNAP is optimized to create and manage networks for campus wide Area and Site applications which differs from networking requirements for street lighting applications. Controller (TL7-B2) and Site Controller (SS450-002) take the RSW Series to a new performance plateau, providing extreme energy productivity, code compliance and a better light experience.

Synapse Wireless Control Accessories	
Twist-Lock Lighting Controller TL7-HVG - Suitable for 120-480V (UL and UH) voltage - Requires NEMA/ANSI C136.41 7-Pin Dimming Receptacle - Provides On/Off switching, dimming, power metering, digital sensor input, and status monitoring of luminaire - Refer to TL7-HVG 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
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	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	

Electrical Data*									
Lumen Package	CCT/CRI	System Watts 120-480V**	Utility Wattage Label†	Total Current (A)					
				120V	208V	240V	277V	347V	480V
3L	27K8	29	30	0.25	0.14	0.13	0.11	N/A	N/A
	30K7	27	30	0.23	0.13	0.12	0.10	N/A	N/A
	30K8	29	30	0.25	0.14	0.13	0.11	N/A	N/A
	40K7	25	30	0.21	0.12	0.11	0.09	N/A	N/A
	40K8	27	30	0.23	0.13	0.12	0.10	N/A	N/A
	50K7	25	30	0.21	0.12	0.11	0.09	N/A	N/A
5L	27K8	45	50	0.38	0.22	0.19	0.16	N/A	N/A
	30K7	42	40	0.36	0.20	0.18	0.15	N/A	N/A
	30K8	45	50	0.38	0.22	0.19	0.16	N/A	N/A
	40K7	40	40	0.34	0.20	0.17	0.15	N/A	N/A
	40K8	45	50	0.38	0.22	0.19	0.16	N/A	N/A
	50K7	40	40	0.34	0.20	0.17	0.15	N/A	N/A
7L	30K7	51	50	0.43	0.25	0.21	0.19	N/A	N/A
	40K7	50	50	0.42	0.24	0.21	0.18	N/A	N/A
	50K7	50	50	0.42	0.24	0.21	0.18	N/A	N/A
9L	27K8	76	80	0.64	0.37	0.32	0.28	0.22	0.16
	30K7	73	70	0.62	0.36	0.31	0.27	0.21	0.16
	30K8	76	80	0.64	0.37	0.32	0.28	0.22	0.16
	40K7	64	60	0.54	0.31	0.27	0.24	0.19	0.14
	40K8	76	80	0.64	0.37	0.32	0.28	0.22	0.16
	50K7	64	60	0.54	0.31	0.27	0.24	0.19	0.14
14L	30K7	108	110	0.91	0.52	0.46	0.40	0.31	0.23
	40K7	111	110	0.94	0.54	0.47	0.41	0.32	0.23
	50K7	111	110	0.94	0.54	0.47	0.41	0.32	0.23
24L	30K7	194	190	1.66	0.94	0.81	0.71	0.57	0.41
	40K7	167	170	1.42	0.81	0.70	0.61	0.49	0.35
	50K7	167	170	1.42	0.81	0.70	0.61	0.49	0.35
32L	30K7	248	250	2.10	1.21	1.05	0.92	0.72	0.52
	40K7	248	250	2.10	1.21	1.05	0.92	0.72	0.52
	50K7	248	250	2.10	1.21	1.05	0.92	0.72	0.52

* Electrical data at 25°C [77°F]. Actual wattage may differ by +/- 10% when operating between 120-277V or 347-480V +/- 10%.
** 3L, 5L and 7L are available with UL voltage only.
† Refer to Field Adjustable Output tables beginning on page 7 for utility label lumen values.

RSW-B Series Ambient Adjusted Lumen Maintenance¹					
Ambient	Initial LMF	25K hr Reported² LMF	50K hr Reported² LMF	75K hr Reported² LMF	100K hr Reported² LMF
5°C [41°F]	1.03	1.02	1.01	1.00	0.99
10°C [50°F]	1.02	1.01	1.00	0.99	0.98
15°C [59°F]	1.02	1.01	1.00	0.99	0.98
20°C [68°F]	1.01	1.00	0.99	0.98	0.97
25°C [77°F]	1.00	0.99	0.98	0.97	0.96

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.

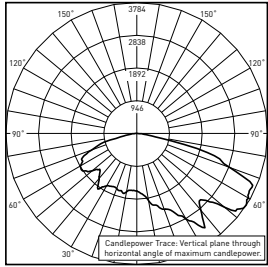


Photometry

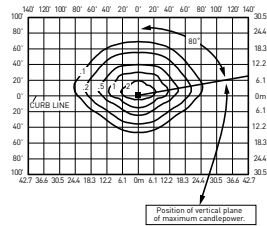
All published luminaire photometric testing performed to IES LM-79 standards. To obtain an IES file specific to your project consult:

<https://www.creelighting.com/products/outdoor/street-and-roadway/rsw-series>

2LG



RESTL Test Report #: PL15985-001A
RSWM-B--2LG-9L-40K7-UL-**-N**
Initial Delivered Lumens: 8,575

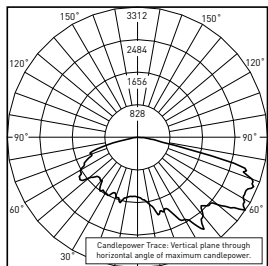


RSWM-B--2LG-9L-40K7-UL-**-N**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 9,000
Initial FC at grade

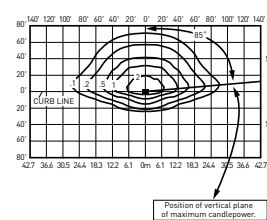
Type II Long Distribution												
Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1
5L	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1
7L	N/A	N/A	6,700	B2 U0 G2	N/A	N/A	7,000	B2 U0 G2	N/A	N/A	7,000	B2 U0 G2
9L	8,200	B2 U0 G2	9,000	B2 U0 G2	8,700	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2
14L	N/A	N/A	14,500	B3 U0 G3	N/A	N/A	14,500	B3 U0 G3	N/A	N/A	14,500	B3 U0 G3
24L	N/A	N/A	24,000	B3 U0 G3	N/A	N/A	24,000	B3 U0 G3	N/A	N/A	24,000	B3 U0 G3
32L	N/A	N/A	29,000	B3 U0 G3	N/A	N/A	32,000	B4 U0 G4	N/A	N/A	32,000	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



RESTL Test Report #: PL16167-001A
RSW-B--2LG-7L-40K7-UL-**-N w/ RSW-BLSS**
Initial Delivered Lumens: 6,379



RSW-B--2LG-7L-40K7-UL-**-N w/ RSW-BLSS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,250
Initial FC at grade

Type II Long Distribution w/BLS												
Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,040	B1 U0 G1	3,040	B1 U0 G1	3,040	B1 U0 G1	3,040	B1 U0 G1	3,040	B1 U0 G1	3,040	B1 U0 G1
5L	4,610	B1 U0 G1	4,610	B1 U0 G1	4,610	B1 U0 G1	4,610	B1 U0 G1	4,610	B1 U0 G1	4,610	B1 U0 G1
7L	N/A	N/A	6,175	B1 U0 G2	N/A	N/A	6,450	B1 U0 G2	N/A	N/A	6,450	B1 U0 G2
9L	7,525	B1 U0 G2	8,250	B1 U0 G2	7,975	B1 U0 G2	8,250	B1 U0 G2	8,250	B1 U0 G2	8,250	B1 U0 G2
14L	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3
24L	N/A	N/A	22,100	B3 U0 G5	N/A	N/A	22,100	B3 U0 G5	N/A	N/A	22,100	B3 U0 G5
32L	N/A	N/A	26,700	B3 U0 G5	N/A	N/A	29,400	B3 U0 G5	N/A	N/A	29,400	B3 U0 G5

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

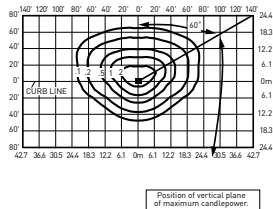
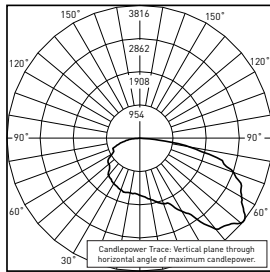
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Photometry

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

<https://www.creeighting.com/products/outdoor/street-and-roadway/rsw-series>

2ME



RESTL Test Report #: PL16070-001A
RSWM-B-2ME-9L-40K7-UL**-N**
Initial Delivered Lumens: 9,166

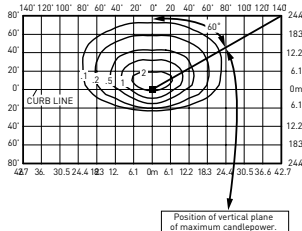
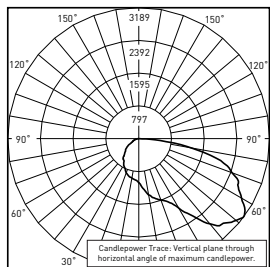
RSWM-B-2ME-9L-40K7-UL**-N**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 9,000
Initial FC at grade

Type II Medium Distribution

Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1
5L	5,000	B1 U0 G2	5,000	B1 U0 G2	5,000	B1 U0 G2	5,000	B1 U0 G2	5,000	B1 U0 G2	5,000	B1 U0 G2
7L	N/A	N/A	6,700	B2 U0 G2	N/A	N/A	7,000	B2 U0 G2	N/A	N/A	7,000	B2 U0 G2
9L	8,200	B2 U0 G2	9,000	B2 U0 G2	8,700	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2
14L	N/A	N/A	14,500	B3 U0 G3	N/A	N/A	14,500	B3 U0 G3	N/A	N/A	14,500	B3 U0 G3
24L	N/A	N/A	24,000	B3 U0 G4	N/A	N/A	24,000	B3 U0 G4	N/A	N/A	24,000	B3 U0 G4
32L	N/A	N/A	29,000	B3 U0 G4	N/A	N/A	32,000	B4 U0 G4	N/A	N/A	32,000	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



RESTL Test Report #: PL16447-001A
RSW-B-2ME-7L-40K7-UL**-N w/ RSW-BLSS**
Initial Delivered Lumens: 6,648

RSW-B-2ME-7L-40K7-UL**-N w/ RSW-BLSS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,250
Initial FC at grade

Type II Medium Distribution w/BLS

Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2
5L	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2
7L	N/A	N/A	6,175	B1 U0 G3	N/A	N/A	6,450	B1 U0 G3	N/A	N/A	6,450	B1 U0 G3
9L	7,525	B1 U0 G3	8,250	B1 U0 G3	7,975	B1 U0 G3	8,250	B1 U0 G3	8,250	B1 U0 G3	8,250	B1 U0 G3
14L	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3
24L	N/A	N/A	22,100	B3 U0 G5	N/A	N/A	22,100	B3 U0 G5	N/A	N/A	22,100	B3 U0 G5
32L	N/A	N/A	26,700	B3 U0 G5	N/A	N/A	29,400	B3 U0 G5	N/A	N/A	29,400	B3 U0 G5

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

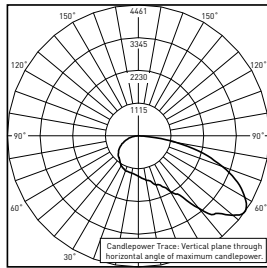
** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>. Valid with no tilt

Photometry

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

<https://www.creelighting.com/products/outdoor/street-and-roadway/rsw-series>

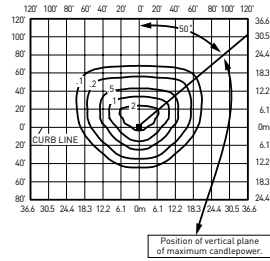
3ME



RESTL Test Report #: PL15958-001A

RSWM-B-**-3ME-9L-40K7-UL-**-N

Initial Delivered Lumens: 8,705



RSWM-B-**-3ME-9L-40K7-UL-**-N

Mounting Height: 25' (7.6m) A.F.G.

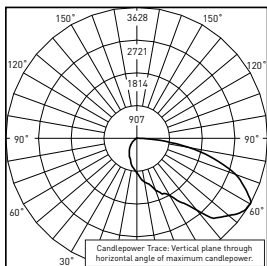
Initial Delivered Lumens: 9,000

Initial FC at grade

Type III Medium Distribution												
Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1	3,300	B1 U0 G1
5L	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1	5,000	B1 U0 G1
7L	N/A	N/A	6,700	B1 U0 G2	N/A	N/A	7,000	B1 U0 G2	N/A	N/A	7,000	B1 U0 G2
9L	8,200	B2 U0 G2	9,000	B2 U0 G2	8,700	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2	9,000	B2 U0 G2
14L	N/A	N/A	14,500	B2 U0 G3	N/A	N/A	14,500	B2 U0 G3	N/A	N/A	14,500	B2 U0 G3
24L	N/A	N/A	24,000	B3 U0 G3	N/A	N/A	24,000	B3 U0 G3	N/A	N/A	24,000	B3 U0 G3
32L	N/A	N/A	29,000	B3 U0 G4	N/A	N/A	32,000	B3 U0 G4	N/A	N/A	32,000	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

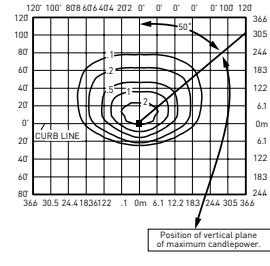


RESTL Test Report # PL16166-001A

RSWS-B-**-3ME-7L-40K7-UL-**-N w/

RSW-BLSS

Initial Delivered Lumens: 6,603



RSWM-B-**-3ME-9L-40K7-UL-**-N w/RSW-

BLSM

Mounting Height: 25' (7.6m) A.F.G.

Initial Delivered Lumens: 8,250






Initial FC at grade

Type III Medium Distribution w/BLS												
Lumen Package	27K (80 CRI)		3000K (70 CRI)		3000K (80 CRI)		4000K (70 CRI)		4000K (80 CRI)		5000K (70 CRI)	
	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20	Initial Delivered Lumens*	BUG Ratings** per TM-15-20
3L	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2	3,040	B1 U0 G2
5L	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2	4,610	B1 U0 G2
7L	N/A	N/A	6,175	B1 U0 G3	N/A	N/A	6,450	B1 U0 G3	N/A	N/A	6,450	B1 U0 G3
9L	7,525	B1 U0 G3	8,250	B1 U0 G3	7,975	B1 U0 G3	8,250	B1 U0 G3	8,250	B1 U0 G3	8,250	B1 U0 G3
14L	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3	N/A	N/A	12,800	B2 U0 G3
24L	N/A	N/A	22,100	B3 U0 G4	N/A	N/A	22,100	B3 U0 G4	N/A	N/A	22,100	B3 U0 G4
32L	N/A	N/A	26,700	B3 U0 G5	N/A	N/A	29,400	B3 U0 G5	N/A	N/A	29,400	B3 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

Luminaire EPA

Horizontal Tenon Mount – RSWS Weight: 9.4 lbs. (4.3kg); RSW-BLSS, RSW-CLSS, or RSW-FLSS Accessories: add 0.4 lbs. (0.2kg); RSWM Weight: 15.6 lbs. (7.1kg); RSW-BLSM Accessory: add 0.4 lbs. (0.2kg); RSW-CLSM or RSW-FLSM Accessories: add 0.6 lbs. (0.3kg); RSWL Weight: 20.2 lbs. (9.2kg); RSW-BLSL Accessory: add 0.6 lbs. (0.3kg); RSW-CLSL Accessory: add 1.0 lb. (0.5kg); RSWX Weight: 28.8 lbs. (13.1kg); RSW-BLSX Accessory: add 0.8 lbs. (0.4kg)					
Luminaire	Single	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
	Tenon Configuration [0°-80° Tilt]; If used with Cree Lighting tenons, please add tenon EPA with Luminaire EPA				
					
	PD-1H4; PT-1H	PD-2H4(90); PT-2H(90)	PD-2H4(180); PT-2H(180)	PD-3H4(90); PT-3H(90)	PD-4H4(90); PT-4H(90)
RSWS	0.61	0.89	1.22	1.50	1.78
RSWM	0.86	1.24	1.71	2.10	2.49
RSWL	1.00	1.55	2.00	2.55	3.10
RSWX	1.17	1.93	2.33	3.09	3.85
RSWS Luminaire w/RSW-BLSS, RSW-CLSS or RSW-FLSS Accessory	0.61	1.25	1.22	1.85	2.49
RSWM Luminaire w/RSW-BLSM, RSW-CLSM or RSW-FLSM Accessory	0.86	1.59	1.71	2.45	3.19
RSWL Luminaire w/RSW-BLSL or RSW-CLSL Accessory	1.01	2.16	2.01	3.17	4.33
RSWX Luminaire w/RSW-BLSX Accessory	1.18	2.85	2.35	4.02	5.70

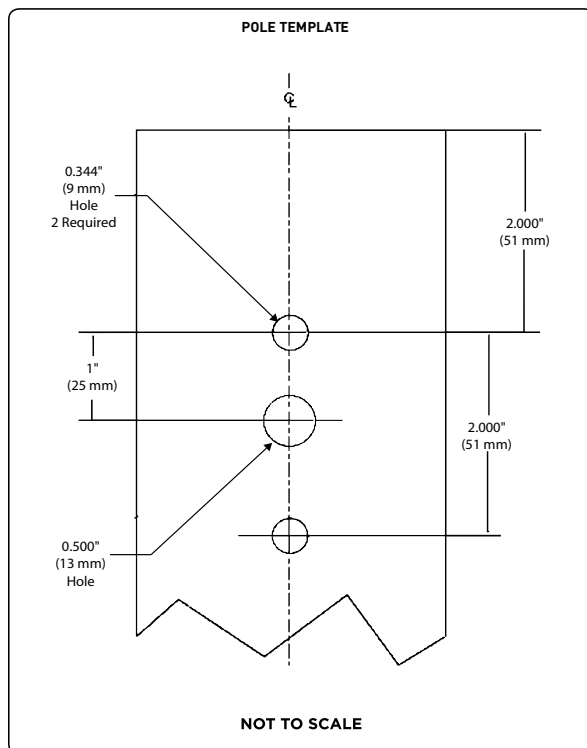
Tenon EPA

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

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

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

Fixture Mounting Drill Pattern for XA-TMDA8



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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 3L

Q Setting	X Setting	CCT/CRI	System Watts †	Lumen Values		Utility Label		Optics Qualified on DLC QPL	
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Standard	DLC Premium
Q4 (Full Power)	N/A (Full Power)	27K8	29	3,300	3,040	30	3000 L		2LG, 2ME, 3ME
		30K7	27			30			2LG, 2ME, 3ME
		30K8	29			30		2LG, 2ME, 3ME	
		40K7	25			30			2LG, 2ME, 3ME
		40K8	27			30			2LG, 2ME, 3ME
		50K7	25			30			2LG, 2ME, 3ME
Q3	X3	27K8	24	2,730	2,520	20	3000 L		2LG, 2ME, 3ME
		30K7	22			20			2LG, 2ME, 3ME
		30K8	24			20		2LG, 2ME, 3ME	
		40K7	21			20			2LG, 2ME, 3ME
		40K8	22			20			2LG, 2ME, 3ME
		50K7	21			20			2LG, 2ME, 3ME
Q2	X2	27K8	19	2,230	2,060	20	2000 L		2LG, 2ME, 3ME
		30K7	18			20			2LG, 2ME, 3ME
		30K8	19			20		2LG, 2ME, 3ME	
		40K7	17			20			2LG, 2ME, 3ME
		40K8	18			20			2LG, 2ME, 3ME
		50K7	17			20			2LG, 2ME, 3ME
Q1	X1	27K8	15	1,730	1,600	20	2000 L		2LG, 2ME, 3ME
		30K7	14			10			2LG, 2ME, 3ME
		30K8	15			20		2LG, 2ME, 3ME	
		40K7	13			10			2LG, 2ME, 3ME
		40K8	14			10			2LG, 2ME, 3ME
		50K7	13			10			2LG, 2ME, 3ME

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 5L

Q Setting	X Setting	CCT/CRI	System Watts *	Lumen Values		Utility Label		Optics Qualified on DLC QPL	
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Standard	DLC Premium
Q4 (Full Power)	N/A (Full Power)	27K8	45	5,000	4,610	50	5000 L		2LG, 2ME, 3ME
		30K7	42			40			2LG, 2ME, 3ME
		30K8	45			50		2LG, 2ME, 3ME	
		40K7	40			40			2LG, 2ME, 3ME
		40K8	45			50		2LG, 2ME, 3ME	
		50K7	40			40			2LG, 2ME, 3ME
Q3	X3	27K8	40	4,610	4,250	40	5000 L		2LG, 2ME, 3ME
		30K7	38			40			2LG, 2ME, 3ME
		30K8	40			40		2LG, 2ME, 3ME	
		40K7	36			40			2LG, 2ME, 3ME
		40K8	40			40		2LG, 2ME, 3ME	
		50K7	36			40			2LG, 2ME, 3ME
Q2	X2	27K8	36	4,180	3,850	40	4000 L		2LG, 2ME, 3ME
		30K7	34			30			2LG, 2ME, 3ME
		30K8	36			40		2LG, 2ME, 3ME	
		40K7	33			30			2LG, 2ME, 3ME
		40K8	36			40		2LG, 2ME, 3ME	
		50K7	33			30			2LG, 2ME, 3ME
Q1	X1	27K8	32	3,720	3,430	30	4000 L		2LG, 2ME, 3ME
		30K7	30			30			2LG, 2ME, 3ME
		30K8	32			30		2LG, 2ME, 3ME	
		40K7	29			30			2LG, 2ME, 3ME
		40K8	32			30		2LG, 2ME, 3ME	
		50K7	29			30			2LG, 2ME, 3ME

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 7L

Q Setting	X Setting	CCT/CRI	System Watts †	Lumen Values		Utility Label		Optics Qualified on DLC QPL
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Premium
Q4 (Full Power)	N/A (Full Power)	30K7	51	6,700	6,175	50	7000 L	2LG, 2ME, 3ME
		40K7	50	7,000	6,450	50		2LG, 2ME, 3ME
		50K7	50	7,000	6,450	50		2LG, 2ME, 3ME
Q3	X3	30K7	45	6,125	5,650	50	6000 L	2LG, 2ME, 3ME
		40K7	45	6,400	5,900	50		2LG, 2ME, 3ME
		50K7	45	6,400	5,900	50		2LG, 2ME, 3ME
Q2	X2	30K7	40	5,475	5,050	40	5000 L	2LG, 2ME, 3ME
		40K7	39	5,700	5,260	40		2LG, 2ME, 3ME
		50K7	39	5,700	5,260	40		2LG, 2ME, 3ME
Q1	X1	30K7	35	4,850	4,470	40	5000 L	2LG, 2ME, 3ME
		40K7	35	5,075	4,680	40		2LG, 2ME, 3ME
		50K7	35	5,075	4,680	40		2LG, 2ME, 3ME

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 9L

Q Setting	X Setting	CCT/CRI	System Watts *	Lumen Values		Utility Label		Optics Qualified on DLC QPL	
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Standard	DLC Premium
Q8 (Full Power)	N/A (Full Power)	27K8	76	8,200	7,525	80	8000 L		2LG, 2ME, 3ME
		30K7	73	9,000	8,250	70			2LG, 2ME, 3ME
		30K8	76	8,700	7,975	80	9000 L	2LG, 2ME, 3ME	
		40K7	64	9,000	8,250	60			
		40K8	76			80			2LG, 2ME, 3ME
		50K7	64			60			
Q7	X7	27K8	73	7,925	7,275	70	8000 L		2LG, 2ME, 3ME
		30K7	70	8,700	7,975	70	9000 L		2LG, 2ME, 3ME
		30K8	73	8,400	7,700	70	8000 L	2LG, 2ME, 3ME	
		40K7	61	8,700	7,975	60	9000 L		
		40K8	73			70			2LG, 2ME, 3ME
		50K7	61			60			
Q6	X6	27K8	69	7,575	6,950	70	8000 L		2LG, 2ME, 3ME
		30K7	66	8,275	7,600	70			2LG, 2ME, 3ME
		30K8	69	8,025	7,375	70		2LG, 2ME, 3ME	
		40K7	58	8,275	7,600	60			
		40K8	69			70			2LG, 2ME, 3ME
		50K7	58			60			
Q5	X5	27K8	63	7,050	6,475	60	7000 L		2LG, 2ME, 3ME
		30K7	61	7,725	7,100	60	8000 L		2LG, 2ME, 3ME
		30K8	63	7,475	6,850	60	7000 L		2LG, 2ME, 3ME
		40K7	53	7,725	7,100	50	8000 L		
		40K8	63			60			2LG, 2ME, 3ME
		50K7	53			50			
Q4	X4	27K8	61	6,850	6,275	60	7000 L		
		30K7	59	7,500	6,875	60	8000 L		2LG, 2ME, 3ME
		30K8	61	7,275	6,675	60	7000 L		2LG, 2ME, 3ME
		40K7	52	7,500	6,875	50	8000 L		
		40K8	61			60			2LG, 2ME, 3ME
		50K7	52			50			
Q3	X3	27K8	58	6,500	5,975	60	7000 L		2LG, 2ME, 3ME
		30K7	56	7,100	6,525	60			2LG, 2ME, 3ME
		30K8	58	6,900	6,325	60			2LG, 2ME, 3ME
		40K7	49	7,100	6,525	50			
		40K8	58			60			2LG, 2ME, 3ME
		50K7	49			50			
Q2	X2	27K8	56	6,300	5,775	60	6000 L		2LG, 2ME, 3ME
		30K7	54	6,875	6,300	50	7000 L		2LG, 2ME, 3ME
		30K8	56	6,675	6,125	60			2LG, 2ME, 3ME
		40K7	47	6,875	6,300	50			
		40K8	56			60			2LG, 2ME, 3ME
		50K7	47			50			
Q1	X1	27K8	49	5,625	5,175	50	6000 L		2LG, 2ME, 3ME
		30K7	47	6,125	5,625	50			2LG, 2ME, 3ME
		30K8	49	5,975	5,475	50			2LG, 2ME, 3ME
		40K7	42	6,125	5,625	40			
		40K8	49			50			2LG, 2ME, 3ME
		50K7	42			40			

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 14L

Q Setting	X Setting	CCT/CRI	System Watts †	Lumen Values		Utility Label		Optics Qualified on DLC QPL
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Premium
Q9 (Full Power)	N/A (Full Power)	30K7	108	14,500	12,800	110	15000 L	2LG, 2ME, 3ME
		40K7	111			110		2LG, 2ME, 3ME
		50K7	111			110		2LG, 2ME, 3ME
Q8	X8	30K7	103	14,025	12,400	100	14000 L	2LG, 2ME, 3ME
		40K7	105			110		2LG, 2ME, 3ME
		50K7	105			110		2LG, 2ME, 3ME
Q7	X7	30K7	97	13,400	11,825	100	13000 L	2LG, 2ME, 3ME
		40K7	99			100		2LG, 2ME, 3ME
		50K7	99			100		2LG, 2ME, 3ME
Q6	X6	30K7	93	12,950	11,450	90	13000 L	2LG, 2ME, 3ME
		40K7	95			100		2LG, 2ME, 3ME
		50K7	95			100		2LG, 2ME, 3ME
Q5	X5	30K7	85	11,950	10,550	90	12000 L	2LG, 2ME, 3ME
		40K7	86			90		2LG, 2ME, 3ME
		50K7	86			90		2LG, 2ME, 3ME
Q4	X4	30K7	79	11,175	9,875	80	11000 L	2LG, 2ME, 3ME
		40K7	80			80		2LG, 2ME, 3ME
		50K7	80			80		2LG, 2ME, 3ME
Q3	X3	30K7	70	10,175	9,000	70	10000 L	2LG, 2ME, 3ME
		40K7	71			70		2LG, 2ME, 3ME
		50K7	71			70		2LG, 2ME, 3ME
Q2	X2	30K7	63	9,225	8,150	60	9000 L	2LG, 2ME, 3ME
		40K7	64			60		2LG, 2ME, 3ME
		50K7	64			60		2LG, 2ME, 3ME
Q1	X1	30K7	57	8,425	7,450	60	8000 L	2LG, 2ME, 3ME
		40K7	57			60		2LG, 2ME, 3ME
		50K7	57			60		2LG, 2ME, 3ME

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (rounded to nearest 1000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

Q & X Option Power & Lumen Data – 24L

Q Setting	X Setting	CCT/CRI	System Watts †	Lumen Values		Utility Label		Optics Qualified on DLC QPL
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Premium
Q9 (Full Power)	N/A (Full Power)	30K7	194	24,000	22,100	190	24000 L	2LG, 2ME, 3ME
		40K7	167			170		2LG, 2ME, 3ME
		50K7	167			170		2LG, 2ME, 3ME
Q8	X8	30K7	185	23,200	21,300	190	23000 L	2LG, 2ME, 3ME
		40K7	160			160		2LG, 2ME, 3ME
		50K7	160			160		2LG, 2ME, 3ME
Q7	X7	30K7	174	22,100	20,300	170	22000 L	2LG, 2ME, 3ME
		40K7	151			150		2LG, 2ME, 3ME
		50K7	151			150		2LG, 2ME, 3ME
Q6	X6	30K7	167	21,300	19,600	170	21000 L	2LG, 2ME, 3ME
		40K7	145			150		2LG, 2ME, 3ME
		50K7	145			150		2LG, 2ME, 3ME
Q5	X5	30K7	152	19,600	18,000	150	20000 L	2LG, 2ME, 3ME
		40K7	132			130		2LG, 2ME, 3ME
		50K7	132			130		2LG, 2ME, 3ME
Q4	X4	30K7	140	18,300	16,800	140	18000 L	2LG, 2ME, 3ME
		40K7	122			120		2LG, 2ME, 3ME
		50K7	122			120		2LG, 2ME, 3ME
Q3	X3	30K7	125	16,600	15,300	130	17000 L	2LG, 2ME, 3ME
		40K7	108			110		2LG, 2ME, 3ME
		50K7	108			110		2LG, 2ME, 3ME
Q2	X2	30K7	111	15,000	13,775	110	15000 L	2LG, 2ME, 3ME
		40K7	97			100		2LG, 2ME, 3ME
		50K7	97			100		2LG, 2ME, 3ME
Q1	X1	30K7	100	13,700	12,600	100	14000 L	2LG, 2ME, 3ME
		40K7	87			90		2LG, 2ME, 3ME
		50K7	87			90		2LG, 2ME, 3ME

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

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

The Field Adjustable Output option enables the street and area luminaire within the RSW Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When ordered with the Q option, the luminaire will be shipped from the factory at the selected lumen output, will be fully adjustable between the outputs, and will include an ANSI C136.15-2020 utility label that indicates the wattage (rounded to nearest 10W), the lumen output (<= 24,000 lumens rounded to nearest 1000 lumens, > 24,001 lumens rounded to the nearest 2000 lumens), and the CCT of the luminaire at the selected lumen output. Additional dimming functionality is available when a dimming control (by others) is used in the 7-Pin receptacle.

Locked Lumen Output (X3/X2/X1) Option Description:

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

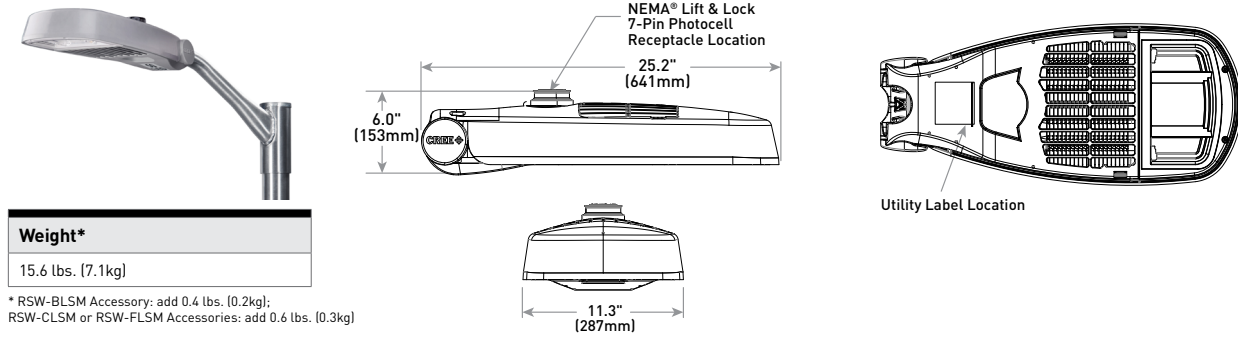
Q & X Option Power & Lumen Data – 32L

Q Setting	X Setting	CCT/CRI	System Watts [†]	Lumen Values		Utility Label		Optics Qualified on DLC QPL
			120-277V	2LG, 2ME, 3ME	w/BLS	Wattage	Lumens	DLC Premium
Q9 (Full Power)	N/A (Full Power)	30K7	248	29,000	26,700	250	30000 L	2LG, 2ME, 3ME
		40K7	248	32,000	29,400	250	32000 L	2LG, 2ME, 3ME
		50K7	248			250		2LG, 2ME, 3ME
Q8	X8	30K7	237	28,000	25,700	240	28000 L	2LG, 2ME, 3ME
		40K7	237	30,900	28,400	240	30000 L	2LG, 2ME, 3ME
		50K7	237			240		2LG, 2ME, 3ME
Q7	X7	30K7	223	26,800	24,600	220	26000 L	2LG, 2ME, 3ME
		40K7	223	29,600	27,200	220	30000 L	2LG, 2ME, 3ME
		50K7	223			220		2LG, 2ME, 3ME
Q6	X6	30K7	213	25,900	23,800	210	26000 L	2LG, 2ME, 3ME
		40K7	213	28,600	26,300	210	28000 L	2LG, 2ME, 3ME
		50K7	213			210		2LG, 2ME, 3ME
Q5	X5	30K7	193	23,900	22,000	190	24000 L	2LG, 2ME, 3ME
		40K7	193	26,400	24,300	190	26000 L	2LG, 2ME, 3ME
		50K7	193			190		2LG, 2ME, 3ME
Q4	X4	30K7	178	22,400	20,600	180	22000 L	2LG, 2ME, 3ME
		40K7	178	24,700	22,700	180	24000 L	2LG, 2ME, 3ME
		50K7	178			180		2LG, 2ME, 3ME
Q3	X3	30K7	159	20,300	18,700	160	20000 L	2LG, 2ME, 3ME
		40K7	159	22,400	20,600	160	22000 L	2LG, 2ME, 3ME
		50K7	159			160		2LG, 2ME, 3ME
Q2	X2	30K7	142	18,500	17,000	140	19000 L	2LG, 2ME, 3ME
		40K7	142	20,400	18,700	140	20000 L	2LG, 2ME, 3ME
		50K7	142			140		2LG, 2ME, 3ME
Q1	X1	30K7	127	16,900	15,500	130	17000 L	2LG, 2ME, 3ME
		40K7	127	18,700	17,200	130	19000 L	2LG, 2ME, 3ME
		50K7	127			130		2LG, 2ME, 3ME

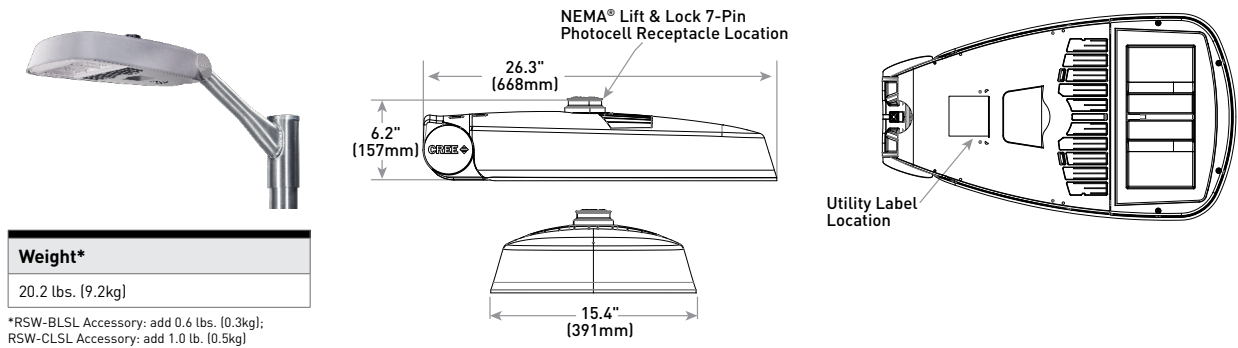
[†] Electrical and lumen data at 25°C (77°F). Actual wattage and lumen output may differ by +/-10% when operating between 120-277V or 347-480V +/-10%

RSW™ LED Street Luminaire – Small, Medium, Large & Extra Large

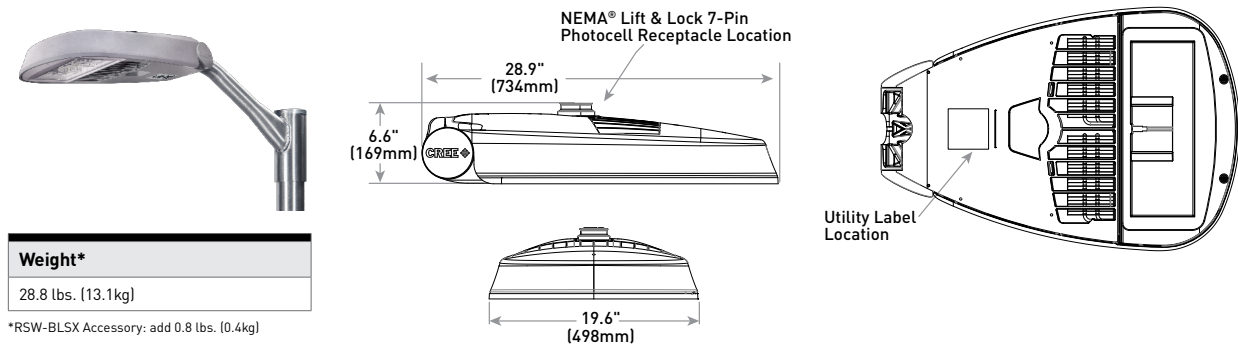
RSWM



RSWL



RSWX



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