

# Cree® RSW Series

LED Street Luminaire



## HELLO, MEET THE WARMER SIDE OF COOL

### Unrivaled Visual Comfort

Forget just illuminating your streets. We want to enhance the experience of those who live under your lights. The RSW Series, with WaveMax® Technology, reduces glare while delivering optimized target illumination and industry-leading efficacy — up to 127 Lumens Per Watt — to improve overall energy efficiency. Finally, a high efficacy LED Street light offered in both warmer (2700K or 3000K) or cooler color temperatures (4000K or 5000K) with excellent color rendering (CRI up to 80).

### Reliable Savings

Street lighting is a significant investment and it's critical to select the right partner. Cree is the industry leader that designed and manufactured the first LED street light. With unmatched experience and a culture built around innovation, we continue to create products that reliably provide significant energy savings (up to 70% compare to traditional technology) and maintenance savings that shortens paybacks to put more money back into your budget sooner.

### Easy Advantage

Keeping the installer in mind, we've designed the RSW Series to be easy to install with features like tool-less entry, straight in wiring, bubble level, and adjustable mounting. This lightweight luminaire is constructed of non-conductive, high strength bulk molding compound for durability and installer safety. Plus, it's backed by our industry-leading 10-year limited warranty.

**CREE** 

# REDEFINING THE EXPECTATIONS OF STREET LIGHTING

The RSW Series is a new family of street lights that directly address brightness and glare concerns for cities across the country. Cities and municipalities originally adopted LED lighting that utilized mostly cool white technology to help achieve an attractive ROI. Now, with WaveMax® Technology, the RSW™ LED street light provides an opportunity to utilize warm color temperatures without sacrificing efficiency or reliability.

PERFORMANCE SUMMARY
<b>Input Power:</b> 26W-53W (Small); 75W-93W (Medium)
<b>Efficacy:</b> Up to 127 Lumens per Watt (LPW)
<b>CRI:</b> 70 CRI (3000K, 4000K & 5000K); 80 CRI (2700K, 3000K, 4000K & 5000K)
<b>CCT:</b> 2700K, 3000K, 4000K, 5000K
<b>Input Voltage:</b> 120-277V, 50/60Hz
<b>Weight:</b> Small 8.45 lbs (3.8kg); Medium 13.8 lbs (6.3kg)
<b>Dimensions:</b> Small 20.7"L x 9.8"W x 5.0"H; Medium 25.2"L x 11.3"W x 5.8"H (includes NEMA® Receptacle)
<b>Limited Warranty:</b> 10 years on luminaire
Assembled in the U.S.A. of U.S. and imported parts

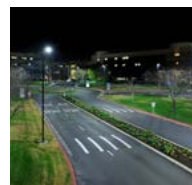
PRODUCT COMPARISON				
Data	RSW Series Small	High Pressure Sodium 70W	RSW Series Medium	High Pressure Sodium 150W
CRI	70 or 80	22	70 or 80	22
CCT	2700K; 3000K; 4000K; 5000K	2100K	2700K; 3000K; 4000K; 5000K	2100K
Weight	8.45 lbs.	30 lbs.	13.8 lbs.	35 lbs.
Warranty	10 Years	5 Years (electrical) 1 Year (paint)	10 Years	5 Years (electrical) 1 Year (paint)
System Watts	26-32	105	75-93	188
Efficacy (LPW)	Up to 127	44	Up to 124	97

## APPLICATIONS



### Street Lighting

Virtually maintenance-free, the RSW™ LED Street Luminaire is designed to last 100,000 hours. Now, maintenance crews can focus on more important projects than replacing lamps.



### Campus Street Lighting

Welcome visitors to your site with either warm CCT that provides a warm and inviting lighting experience or cool CCT that brings the beauty of the architecture and surrounding areas to the forefront.



### Residential Street Lighting

Rest assured that the RSW luminaire will make the transition to LED a warm and inviting one. With warm CCTs, the familiar color will go unchanged while delivering up to 127 lumens per watt to the streets.



### Intersections

Accidents happen, but we're here to help reduce them at busy intersections. With improved visibility at 80 CRI, you can see nearby vehicles and surrounding areas better to avoid unsafe situations.

## ORDERING INFORMATION

Example: **RSWS-A-HT-2ME-3L-30K7-UL-GY-N**

Product	Version	Mounting	Optic	Lumen Package	CCT/CRI	Voltage	Color	Utility Label/Receptacle	Options
RSWS Small	A	HT Horizontal Tenon	2LG Type II Long 2ME Type II Medium 3ME Type III Medium	3L 3,300 Lumens	27K8 2700K, 80 CRI 30K7 3000K, 70 CRI	UL Universal 120-277V	GY Grey	N Utility Label and NEMA® 7 Pin Photocell Receptacle - External wattage label per ANSI C136.15 - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others	Q4/Q3/Q2/Q1 Field Adjustable Output X3/X2/X1 Locked Lumen Output
				5L 5,000 Lumens	30K8 3000K, 80 CRI 40K7 4000K, 70CRI 40K8 4000K, 80 CRI				Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output X7/X6/X5/X4/X3/X2/X1 Locked Lumen Output
RSWM Medium				9L 9,325 Lumens	50K7 5000K, 70CRI 50K8 5000K, 80 CRI				

Product specifications subject to change at any time. Visit [lighting.cree.com](http://lighting.cree.com) to find the most up-to-date information.

Visit [lighting.cree.com/RSW-Series](http://lighting.cree.com/RSW-Series) or contact a Cree lighting representative to learn more.

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