

RSW Series

LED Street Luminaire



NOT ALL STREET LIGHTS ARE CREATED EQUAL: DEMAND BETTER

With so much discussion on LED street lighting, selecting the right solution can be challenging. At Cree Lighting, we believe choosing better light should be easy, so we've designed the RSW Series to meet the needs of everyone involved in the process: the owner, the installer, as well as the people who live under them.

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 144 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 Lighting 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% compared to traditional technology) and maintenance savings 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, T-level, and adjustable (+/-5 degrees) 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.

REDEFINING THE EXPECTATIONS OF STREET LIGHTING

The RSW Series is a family of street lights that directly address brightness and glare concerns for cities across the country. The RSW™ street light featuring WaveMax® Technology provides decreased LED source luminance by smoothly spreading brightness over a broader area — creating more visually comfortable and appealing environments while exceeding illumination performance, reducing glare and improving visibility.

PERFORMANCE SUMMARY
Utilizes WaveMax® Technology
Efficacy: Up to 144 LPW
CCT: 2700K, 3000K, 4000K or 5000K; TRL
Color Rendering Index (CRI): Minimum 70 CRI (3000K, 4000K & 5000K); 80 CRI (2700K, 3000K, 4000K & 5000K); 3L/5L/9L lumen packages)
Input Voltage: 120-277V or 347-480V (available only with medium, large or extra large lumen packages), 50/60Hz
DLC qualified, premium classification (select models)*
Limited Warranty: 10 years† on luminaire; up to 5 years for Synapse® accessories; 1 year on luminaire accessories
Utility Label and 7-pin NEMA® Photocell Receptacle come standard

*Please refer to www.designlights.org/QPL for most current information.
 †For complete details on Cree Lighting 10-year limited warranty go to creelighting.com/warranty

TRADITIONAL LIGHTING REPLACEMENTS	
HID Lamps	RSW Series
70HPS/50HPS/70MH/100MV/35LPS	RSWS 3L
100HPS/100MH/175MV/55LPS	RSWS 5L
150HPS/175MH/250MV/90LPS	RSWS 7L
200HPS/250MH/400MV/135LPS	RSWM 9L
250HPS/320MH/180LPS	RSWL 14L
400HPS/310HPS/400MH	RSWX 24L/32L

APPLICATIONS	
	<p>Residential Street Lighting</p> <p>As you leave or approach your driveway, the RSW Series, with WaveMax® Technology, reduces glare while delivering optimized target illumination. Residents no longer have to live with street lights shining into their living rooms and bedrooms at night.</p>
	<p>Intersections</p> <p>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.</p>
	<p>Collector Roads</p> <p>The RSW Series will make the transition onto the highway an inviting one by using familiar color temperatures while delivering impressive lumens per watt to the streets. Meet your sustainability goals with the transition to LED by utilizing the highly-efficient RSW Series.</p>
	<p>Major Roads & Highways</p> <p>Imagine cruising down a long stretch of uninterrupted driving. Wait: Lane closure ahead! Virtually maintenance-free, the RSW™ LED Street Luminaire is designed to last. Now, maintenance crews can focus on more important projects than replacing lamps, and you can get back on your way.</p>

SUSTAINABILITY MEETS PRACTICALITY.	Visual Comparison	Environmental Impact
<p>While Cree Lighting is committed to providing innovative and energy efficient products to our customers, we also strive to responsibly manage our products from cradle to grave. With sustainability top of mind, RSW™ LED luminaires were developed to make a lasting impression with minimal environmental impact.</p>	 <p>one RSW Medium = eight+ High Pressure Sodium 150 watts each</p>	<ul style="list-style-type: none"> eliminating over 63,800 miles driven by an average vehicle saving 60+ barrels of oil carbon sequestered by 675 seedlings grown for 10 years

Visit creelighting.com/RSW-Series or contact a Cree lighting representative to learn more.

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