

## Street Lights RL Series

<b>Replaces</b>	<b>60-75W, 120-180W, 180-240W, 240-300W, 300-350W, 300-350W, 300-400W, 300-400W</b>
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<b>Electrical</b>	
Input Voltage	AC 100-277V
Frequency	
Power Factor	
Bulb Type	LED Street
<b>Optical</b>	
Color Temperature	3000k/5500k/6000k (each light)
Lumens	2940, 5880, 8820, 11760, 14760, 16650, 19440, 22720
CRI	
Beam Angle	
<b>Mechanical</b>	
Wattages	30W, 60W, 90W, 120W, 150W, 180W, 210W, 300W
Bulb Shape	
Base Type	
Temperature Range	
Material	Aluminum Alloy Housing
Lifespan	
Warranty	5 years
<b>Size</b>	
Dimensions	
Net Weight	
<b>Certificates</b>	
Certificates	cUL, CE listed
<b>SKU</b>	
30W	SX-SL-30 Replaces 60-75W
60W	SX-SL-60 Replaces 120-180W
90W	SX-SL-90 Replaces 180-240W
120W	SX-SL-120 Replaces 240-300W
150W	SX-SL-150 Replaces 300-350W
180W	SX-SL-180 Replaces 300-400W
210W	SX-SL-210 Replaces 300-400W
300W	SX-SL-300 Replaces 300-400W



LED Street lights have better energy efficiency compared to conventional street lighting fixture technologies such as high pressure sodium (HPS) and metal halide (MH). An LED street light normally produces the same amount of (or higher) luminance as a traditional light, but requires only half of the power consumption.



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**BULBS   FLOODS   HIGHBAY   PANEL LIGHTS   RETROFIT   STREET & PARKING LIGHTS   VAPOR PROOF LIGHTS   WALL PACK TUNNEL & CANOPY**

## Street Light RL Series – Advantages

**Low power consumption and long and predictable lifetime:** The lifetime of LED street lights is usually 10 to 15 years, three times the life of current technologies adopted. The much less frequent need to service or replace LEDs means low maintenance cost.

**More accurate color rendering:** The color rendering index is the ability of a light source to correctly reproduce the colors of the objects in comparison to an ideal light source.

**Quick turn on and off:** Unlike fluorescent lamps, which take time to heat up once switched on, LEDs come on with full brightness instantly. Unlike mercury vapor, metal halide and sodium vapor lamps (commonly used in street lighting), LEDs do not have a problem restarting immediately (hot ignition) following a brief power failure or inadvertent turn off.

**Less attractive to nocturnal insects:** Nocturnal insects are attracted to ultraviolet, blue and green light emitted by conventional light sources.

**Optically efficient lighting equipment:** Other types of street lights use a reflector to capture the light emitted upwards from the lamp. Even under the best of conditions, the reflector absorbs some of the light. Also for fluorescent lamps and other lamps with phosphor coated bulbs, the bulb itself absorbs some of the light directed back down by the reflector. The glass cover, called a refractor, helps project the light down on the street in a desired pattern but some light is wasted by being directed up to the sky (light pollution). LED lamp assemblies (panels) do not require reflectors and can be designed to provide the desired coverage without a refractor.

**Higher light output even at low temperatures:** While fluorescent lights are comparably energy efficient, on average they tend to have lesser light output at winter temperatures.



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