

SL2 Series Street Light

STREET AND ROADWAY LIGHTING

48V DC	100-277V	LM79 LM80	IP65	DLC OPLC LISTED	UL	
---------------	-----------------	------------------	-------------	------------------------	-----------	---

PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

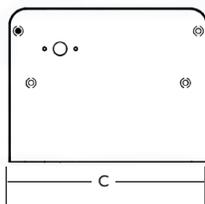
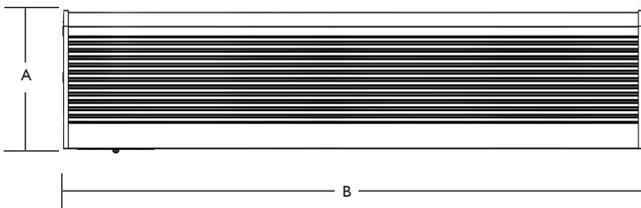
The ActiveLED® SL2 Series Street Light is a dynamic and versatile street lighting fixture offering numerous lighting patterns. Delivering the highest performance and quality, while consuming 50-85% less energy than conventional lighting. Uniform light output focuses light on the road or path-side of the pole and offering Dark Sky compliance, less glare and is wildlife friendly.

Applications include: Street and Area Lighting



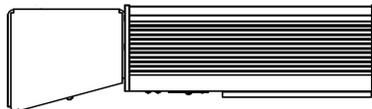
SL2 Series Street Light

DIMENSIONS



A	B	C
4.76"	36"	6.13"
12.09cm	91.44cm	15.57cm

MOUNTING OPTIONS



Contact the factory for other Mounting Options

FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture or for a 48V battery / solar system.
- Dusk to Dawn Sensor - Optional photocell allows fixture to automatically turn on or off based on daylight detection.
- IR Receiver Plus Motion - Optional remote passive infrared (PIR) motion sensor with IR receiver for programmable Vacant-to-OFF and Vacant-to-Dim level programming.
- IR Receiver - Optional integral IR sensor (when no Motion Option is installed) only for ON-to-Dim and timer after dark programming.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver.
- Eligible for extended two year warranty. See page 2 for additional warranty information.



LIGHT OUTPUT (PHOTOPIC)

12,000 lm

WATTS

75 W

LUMENS per WATT

160 lm/W

LIGHT COLOR (CCT)

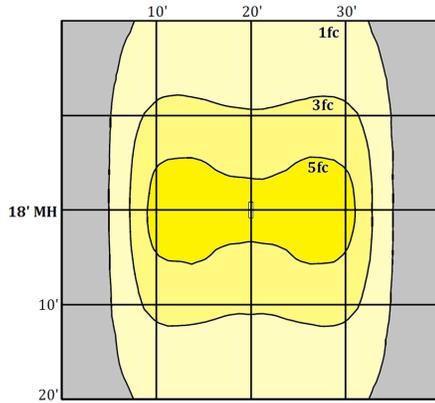
5,000 K

Scotopic light output is the light that a human with average eye sight actually perceives at an increased ActiveLED spectrum compared to HID or Sodium lamps. For example 12,000 photopic lumen of an ActiveLED street light translate to 24,000 scotopic lumen.

ActiveLED®
Energy Efficient Lighting and Controls



PHOTOMETRICS



PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for SL Series Wide 50W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz 48VDC Option for low voltage operation	LED Optics	IP65 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Input Power	50, 75 and 100 Watt	Bug Rating	B2 U0 G3
Power Factor	> 0.95 (at ~100-277 Volts)	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Housing	Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware
Driver	Integral driver with integrated intelligent controls and integral heat sink	Finish	Powder coated after fabrication
Operating Temperature	-58° F to 149° F (-50° C to 60° C)	Dimensions	4.77" Height, 6.14" Wide and 36" Length (12.11cm x 15.59cm x 101.6cm)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with >90% Luminous Flux)	Weight	21 pounds (10.3kg)

WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Technology and ActiveLED Lighting Products" for more information.

LISTINGS AND TESTS

cUL listed driver, UL 1598, CE, suitable for exterior locations. RoHS compliant. IP65 Rated optical assembly, BUG Rated B3 U0 G3, LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

ORDERING INFORMATION

Example: SL236U-SF-T35075SL-DVN

SL2-36 [] - [] - [] [] [] [] - [] []

Style	Input	Mount	Optics	CCT	Power	Color	Dusk to Dawn Selection	Options
SL2-36	U 100-277 VAC, 50/60 Hz	SF Slip-Fit Mount	F All Forward Pattern	50 5,000K	50 50 Watt	SL Silver	D Integrated Photo Cell	B Battery Backup Enabled
	S Solar Integrated, DC Only Driver	SP Square Pole Mount	L All Left Pattern	40 4,000K	75 75 Watt	BK Black	None, Solar Integrated	V 0...10V Option ⁴
	N None ¹	PT Pole Top Mount	R All Right Pattern	35 3,500K	100 100 Watt	BR Brown	T Optional "Twist-Lock" (Line Power Only)	M Motion + IR Receiver
	D 48 VDC Driver ²	2P Square Pole Extender	T3 Traditional Pattern	30 3,000K		BZ Bronze		E EDSaP Motion/IR with Customized Timer / Dimming Parameters
		4K Knuckle Tennon Mount	W Wide Pattern	27 2,700K		WH White		R IR Receiver Only, Programmable ³
				25 2,500K		X Custom		

¹ Requires remote driver. Consult factory.

² No AC Support.

³ U and S Input Versions Only.

⁴ U and D Input Versions Only.