



Featuring 100+ Lumen Per Watt LED's

SLN Series – LED Outdoor Luminaires

GREEN Technology™

Applications include streets, roadways, bridges and other outdoor areas.

High Visibility Illumination

- Eliminates dark spots between poles
- Extraordinarily uniform illumination
- High CRI, white light enhances visual acuity

Life Cycle Economies



- High LED efficiency reduces energy cost
- 50,000-hour life reduces maintenance

Sustainable Design

- Energy savings reduce greenhouse gases
- 100% mercury and lead free
- Cuts reflected uplight by 50% and significantly reduces sky pollution



Ordering Information

SLN	048	MV	CW	3M	GY	BSK
SLN - LED Street Light	Total Nominal LED Lumens 036 - 3,600 048 - 4,800 084 - 8,400 156 - 15,600	Voltage MV - 120/208/240 27 - 277 34 - 347 48 - 480	Nominal Color Temperature¹ CW - 5500K ○ NW - 4100K ● WW - 3500K ●	Light Distribution 2S - Type 2 Short Type 2  3M - Type 3 Medium Type 3 	Finish² GY - Gray	Accessories BSK ³ - Bird Spike Kit PSB ³ - Pole Side Bracket PTB ³ - Pole-Top Tenon Bracket

Notes: 1) CW standard. Consult factory for other color temperatures
2) Gray standard. Consult factory for other finishes
3) Consult factory for availability

HPS Replacement Chart*

Leotek Series	Total LED Lumens	System Watts	Replaces HPS Street Light Wattage*
SLN-036	3,600	48	70W – 100W
SLN-048	4,800	58	100W – 150W
SLN-084	8,400	93	150W – 200W
SLN-156	15,600	166	250W – 400W

**Actual HPS wattage equivalent will depend on specific application characteristics, design criteria and distribution type. Consult your Leotek Representative to select the appropriate luminaire.*

FX Luminaire Specifications

Housing: One piece die-cast aluminum housing with universal four-bolt slip fitter mounts to 1 1/4" to 2" (1 5/8" to 2 3/8" O.D.) diameter mast arm. The optical chamber is sealed and gasketed to UV stabilized polycarbonate lens. Photocontrol receptacle is standard.

Light Emitting Diodes: Hi-flux/Hi-power white LEDs produce a minimum of 100 lumens per watt and 70% of initial intensity at 50,000 hours of life. They have a correlated color temperature of 5500 and a CRI of 72. LED's are 100% mercury and lead free.

Optical Systems: Micro-lens system produces IESNA Types 2 and 3 distributions. Luminaire is classified as Cutoff with <1% total lumens over 90° above nadir.

Electrical: Power supply features a Power Factor of .99 and < 20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A.

Finish: Housing receives a fade and abrasion resistant, epoxy polyester powder coat gray finish.

Listings/Ratings/Warranties: Luminaires are listed by certified testing laboratory for use in wet locations in the United States and Canada. Optical systems maintain an IP67 rating. Five year limited warranty is standard on all components.

Photometry: All luminaires are photometrically tested by certified independent testing laboratories in accordance with IESNA LM-79 testing procedures.



Leotek's LED street lights are a direct replacement for traditional HID cobra head style fixtures. They mount directly on to the existing mast arm.



The crisp white light produced by LEDs can significantly enhance nighttime visibility compared with the cloudy orange light produced by high pressure sodium.

Input Voltage	Weight	EPA*
120,208,240,277	20 lbs. (9 kg)	0.9ft ²
347, 480	26 lbs. (12 kg)	

*Effective Projected Area (consult factory for multiple units)

