



# LED Area Lighting Outdoor Luminaire SLN Series

Applications include parking lots 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

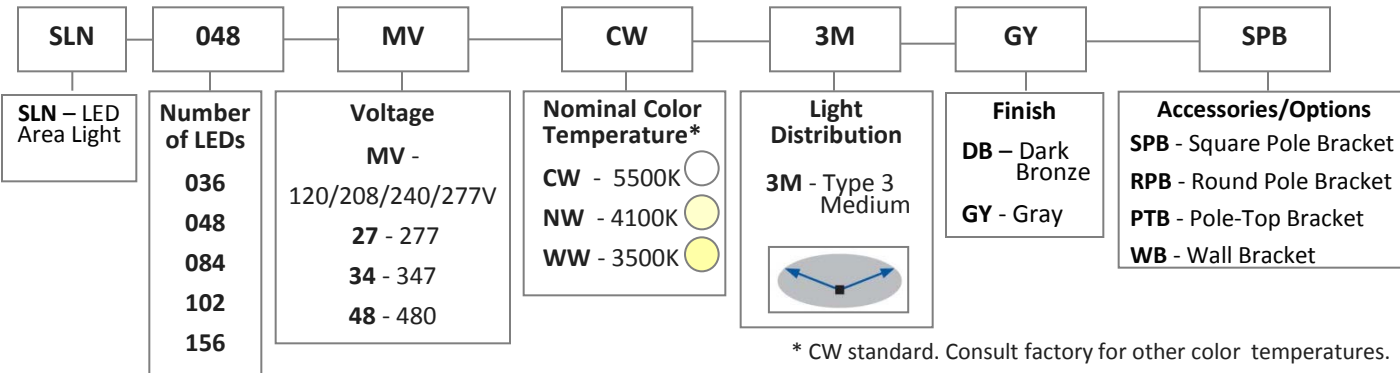
- High LED efficiency reduces energy costs
- 50,000 hour life reduces maintenance

## Sustainable Design

- Energy savings reduce greenhouse gases
- 100% mercury and lead free
- Cutoff optics and reduced reflected uplight significantly reduces sky pollution



## Ordering Information



## Wattage Replacement Chart\*

Leotek Series	System Watts	Replacement Wattage* (Typical System Wattage)
SLN-036	37	70W HPS (95W), 100W MH (128W)
SLN-048	49	100W HPS (130W)
SLN-084	77	150W HPS (190W), 175W MH (208W)
SLN-102	99	250W HPS (295W), 250W MH (295W)
SLN-156	144	400W MH (465W)

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

# SLN 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. Optional brackets transition to square, round or pole top tenons. The luminaire optical chamber is sealed and gasketed to a UV stabilized polycarbonate lens. Photocontrol receptacle is standard.

**Light Emitting Diodes:** Hi-flux/Hi-power white LEDs produce a minimum of 70% of initial lumen output at 50,000 hours of life. LEDs are tested in accordance with IESNA LM-80 testing procedures. They have a mean correlated color temperature of 5500K (standard). LEDs are 100% mercury and lead free.

**Optical Systems:** Micro-lens system produces IESNA Type 3 distribution. Luminaire is classified as Cutoff with <1% total lumens over 90° above nadir. Units provide a minimum luminaire efficacy of 67 lumens per watt.

**Electrical:** Power supply features <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Transient voltage complies with ANSI C62.41 Cat. A. Power supply produces a maximum drive current of 300mA to optimize LED efficiency and life.

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

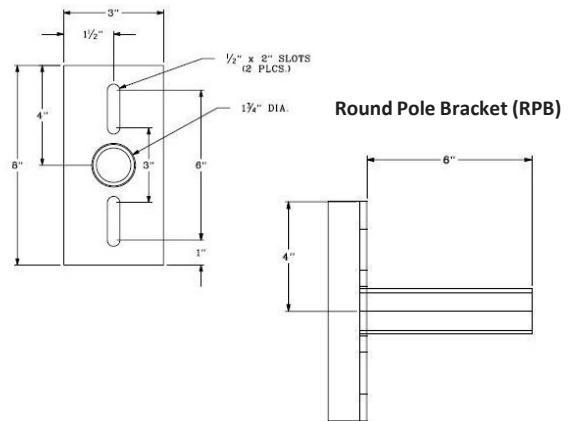
**Listings/Ratings/Warranties:** Luminaires are listed by certified testing laboratory for use in wet locations in the United States and Canada. Optical systems maintain an IP67 rating. Five-year limited warranty is standard on all components.

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

## Optional Mounting Brackets Round Pole Bracket (RPB) Shown

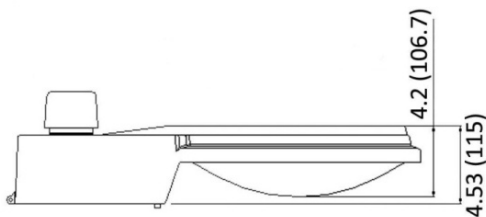
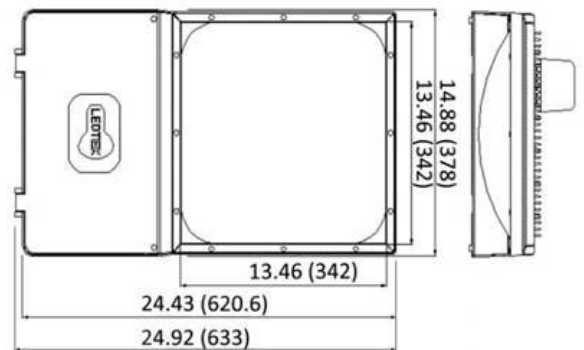


Leotek's LED area luminaires mount directly to mast arms. In addition, they will easily mount to the side of square and round poles or on to pole top tenons using the optional brackets.



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

\*Effective Projected Area (consult factory for multiple units)



**We've Got You Covered**

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Information provided subject to change without notice.

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