

| | |
|------------|--|
| Project: | |
| Type: | |
| Catalog #: | |

STANDARD



The LEDSL15W landscape security / flood light is an ideal solution for general site, landscape, sign and pathway lighting. With a die cast aluminum housing, and a polycarbonate lens with seamless silicone gasket to prevent leaks, the LEDSL15W will stand up to many years of punishing environmental conditions. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent landscape lights.

FEATURES

- Available in 3000k & 5000k (cool white) color temperatures.*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Delivers 1,536 lumens (102 lumens per watt, LPW) at 3000k, and 1,700 lumens (113 LPW) at 5000k.*
- Narrow beam spread is standard. Medium beam spread is available by special order (contact factory for details).
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze, powder coat paint.
- Polycarbonate lens.
- Several mounting options provide easy installation in new construction or retrofit. Yoke-mounted models available by special order (contact factory for details).

* Contact factory for other color temperatures and lumen packages.

** L_{70} hours are IES TM-21-11 calculated hours.



WARRANTY & LISTINGS

- cULus listed for wet locations (-20°C to 40°C / -4°F to 104°F).
- IP65 rated.
- DLC approved.
- Complies with EN61000-4-5, surge immunity test (1kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Threaded pipe (NPS 1/2"), which attaches to a junction box, is standard.
- Optional spike-mount (LEDSL-BS) for ground mounting.
- Optional canopy-mount (LED-CNY-KIT) for attachment to flat surfaces.

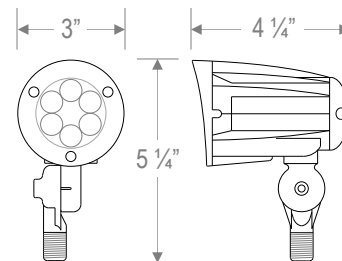


Spike-Mount
(LEDSL-BS)



Canopy-Mount
(LED-CNY-KIT)

DIMENSIONS



ORDERING INFORMATION

Example: LEDSL15W-K-3K-30

| Model | Luminaire Watts | Luminaire Lumens | Lumens Per Watt | Color Temperature | Beam Spread | Mounting Options (Order Separately) |
|------------|-----------------|------------------|-----------------|-------------------|-------------|-------------------------------------|
| LEDSL15W-K | 15 | 1,536 | 102 | 3K = 3000k | 30 = Narrow | Spike-Mount = LEDSL-BS |
| | 15 | 1,700 | 113 | 5K = 5000k | 30 = Narrow | Canopy-Mount = LED-CNY-KIT |

ELECTRICAL

| Model | Color Temp. | CRI ¹ | Luminaire Lumens | Luminaire Watts | Lumens Per Watt | Input Voltage ² | Input Current (A) | | | Power Factor | THD ³ | L ₇₀ Hours ⁴ |
|------------------|-------------|------------------|------------------|-----------------|-----------------|----------------------------|-------------------|------|------|--------------|------------------|------------------------------------|
| | | | | | | | 120V | 240V | 277V | | | |
| LEDSL15W-K-3K-30 | 3000k | > 80 | 1,536 | 15 | 102 | 120-277 | 0.13 | 0.06 | 0.05 | > 90% | < 20% | 69,000 |
| LEDSL15W-K-5K-30 | 5000k | > 80 | 1,700 | 15 | 113 | 120-277 | 0.13 | 0.06 | 0.05 | > 90% | < 20% | 69,000 |

¹ Color rendering index.

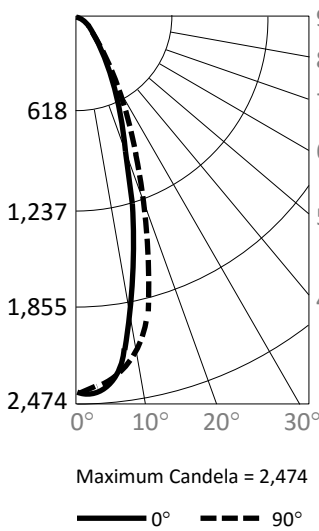
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LEDSL15W-K-5K-30 (1,700 Lumens)



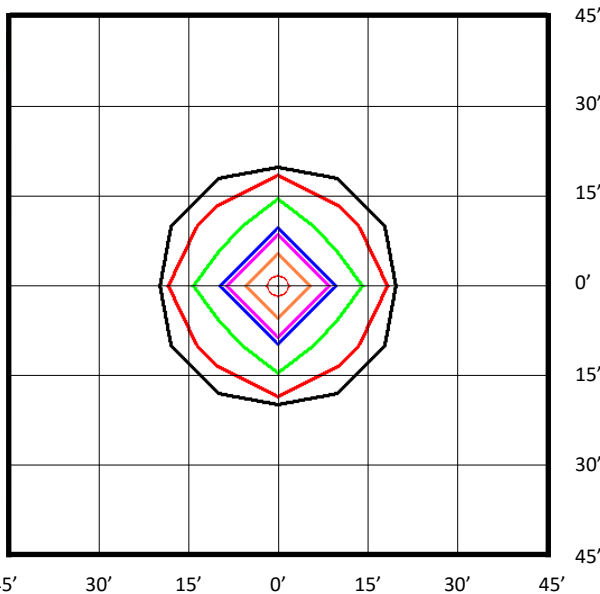
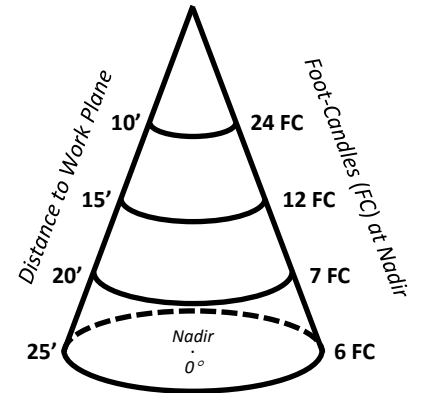
Candlepower Summary

| | 0° | 90° |
|-----|-------|-------|
| 0° | 2,429 | 2,429 |
| 10° | 2,458 | 2,419 |
| 20° | 2,423 | 2,366 |
| 30° | 2,261 | 2,199 |
| 40° | 1,765 | 1,745 |
| 50° | 1,165 | 1,189 |
| 60° | 760 | 794 |
| 70° | 517 | 539 |
| 80° | 383 | 392 |
| 90° | 289 | 293 |

Zonal Lumen Summary

| Zone | Lumens | % Fixture |
|------------|--------|-----------|
| 0° - 10° | 221 | 13.0% |
| 0° - 20° | 697 | 41.0% |
| 0° - 30° | 1,087 | 64.0% |
| 0° - 40° | 1,346 | 79.2% |
| 0° - 50° | 1,520 | 89.4% |
| 0° - 60° | 1,623 | 95.5% |
| 0° - 70° | 1,674 | 98.5% |
| 0° - 80° | 1,694 | 99.7% |
| 0° - 90° | 1,699 | 99.9% |
| 90° - 180° | 1 | 0.1% |
| 0° - 180° | 1,700 | 100.0% |

Cone of Light



Foot Candles



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.

Luminaire Orientation

