



LED High-Power Bulbs for Decorative Post-Top Street & Walkway Luminaires / Base Down

LED30HPS-600-SIW-00x

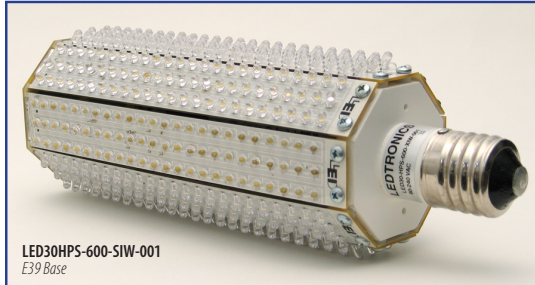


Only 27 Watts – 100-to-277VAC Range – Warm White – E39 Mogul Base or E26 Edison Screw-in Base

Plug-in Replacement for HPS Lamps up to 150 Watts — Typical Mounting Height: 10-12 ft.

FEATURES

- **Warranty:** 5 Years
- **Low Power Consumed:** Only 27 Watts
- **Wide Voltage Range:** 100-277VAC
- **Ventilated:** Lamp Assembly Feature Aids in Maintaining Cool-Running Lamp
- **Optimized Design:** LEDs Are Mounted to Provide Maximum Luminance at Desired Angles
- **Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- **Longer Life:** White LEDs Last for up to 50,000+ Hours
- **Instant-On:** No Delay in Re-Strike
- **Lab Tested** in Accordance with IES Standards
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Reduces Light Pollution:** "Dark Skies" Initiative-Compatible
- **Wide Ambient Oper. Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Safety Assurance:** ETL Listed



LED30HPS-600-SIW-001
E39 Base

Utility Patents
US 8,128,258 B2
US 8,157,416 B2
US 7,862,204 B
Design Patent
US D631,567 S

White LED technology is patent protected in the United States. LEDtronic white LED products are covered under these patents.



LED30HPS-600-SIW-002
E26 Base

APPLICATIONS

- Washington Globe Street & Walkway Lamps
- Enclosures

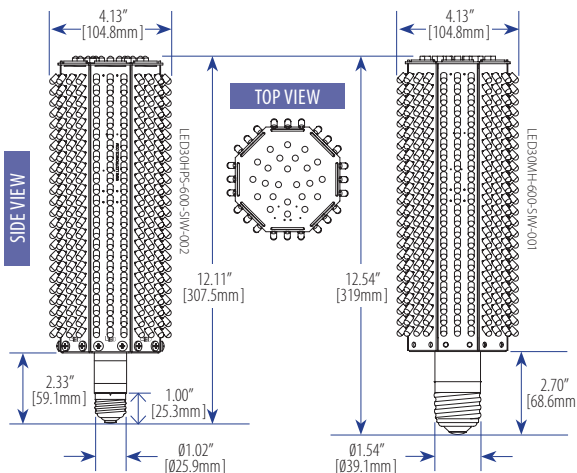
Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	LED30HPS-600-SIW-00x
Emitted Color	Warm White
Color Temperature	2800K~3200K
Beam Pattern	Type V – Circular
Viewing Angle <small>(Full Beam Width @ 50% Intensity)</small>	~40°@ 50° from vertical
Input Voltage	100-277 VAC [Tested @ 120VAC]
Energy Used	27.5 Watts
Input Current	0.236A
Power Factor	0.97
Total Lumens	2,303 lm
Maximum Candela	544 cd
Efficacy	84 lm/W
Base Configuration	Vertically Down
LEDs	Facing Down
Weight	2.06 lbs / 0.9kg



PART NUMBER	BASE TYPE	DIMENSIONS (L x W)
LED30HPS-600-SIW-001	E39 Mogul Screw	12.54"x4.13" (319x104.8mm)
LED30HPS-600-SIW-002	E26 Edison Screw	12.11"x4.13" (307.5x104.8mm)

BENEFITS

- **Major Energy Savings:** Up to 85% – Consumes Only 27 Watts vs 175 Watts by HPS (150W Lamp & 16-25W Transformer) – Up to 125W Reduction
- **Longer Lifespan** than HPS or Other HID Lamps
- **Maintenance-Free** for over 5 Years of Operation – Lowers Costs by Reducing Re-lamp Frequency
- **No Wasted Light:** Eliminates Light Intrusion into Residences, Offices, Stores
- **Enhances Vision:** Better Optical Acuity – Little or No Glare as Compared with High Glare from HID Lamps
- **No Ultraviolet Emission:** Does Not Attract Insects

OPTIONS

- Base Up Available, with LEDs Below Base



LED30HP5-600-SIW-001

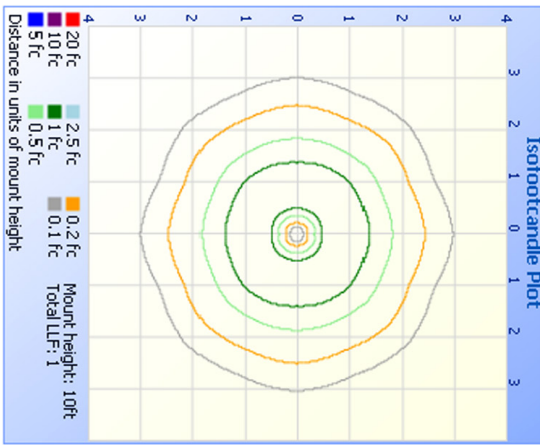
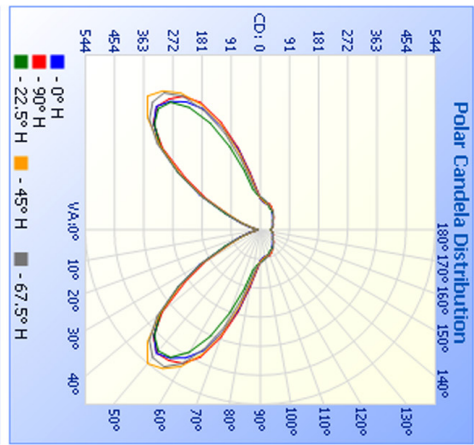
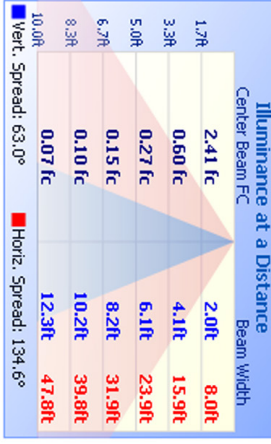
Luminaire Photometric Report

Filename: LED30HP5-600-SIW-001
 Manufacturer: LEDTRONICS -
 Luminaire: WITH NO GLOBE, 120VAC, 27.5W
 Luminaire Cat: LED30HP5-600-SIW-001
 Lamp: LUMEN RATING: 2302.8lms
 Lamp Output: 1 lamp(s), rated lamp lumens: 2302.8
 Max Candela: 544.4 at Horizontal: 45°, Vertical: 50°
 Luminous Opening: Point
 Test: 2-1-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	69.4	3%	3%
0-40	265.3	11.5%	11.5%
0-60	1,078.8	46.8%	46.8%
60-90	780.9	33.9%	33.9%
0-90	1,859.7	80.8%	80.8%
90-180	443.1	19.2%	19.2%
0-180	2,302.8	100%	100%

Total Efficiency: 100%



CAUTION
When installing lamps in Potentially Corrosive Outdoor Environments
 LEDtronics suggests that a silicone moisture-barrier sealant be used to protect the metal threaded base of the LED bulb.
 Sealant is highly recommended for all outdoor-environment LED bulb installations to prevent water and/or moisture incursion that can lead to premature degradation of the bulb base and eventual bulb failure. **This is especially recommended for LED bulb installations near saltwater bodies.**
 Dow Corning Molykote[®] 111 Nalve Lubricant and Sealant is a high-temperature, moisture-resistant, silicone grease. If liberally applied to the clean surface of the lamp socket and the base of the lamp itself, it will provide moisture and corrosion resistance.

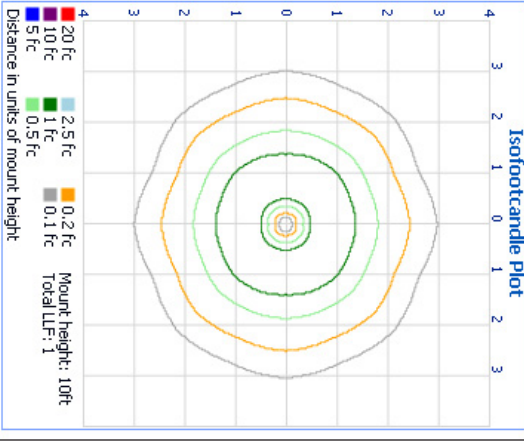
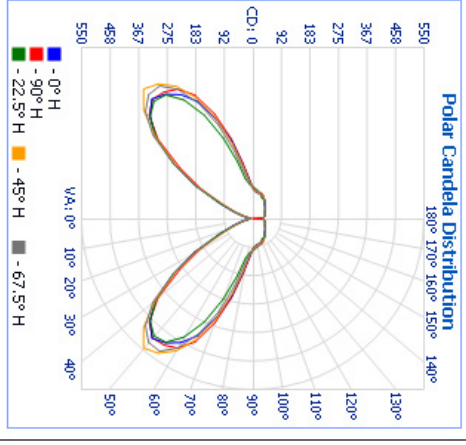
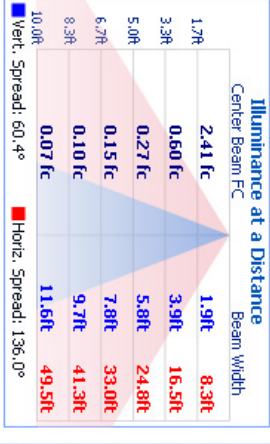
LED30HP5-600-SIW-002

Luminaire Photometric Report

Filename: LED30HP5-600-SIW-002
 Manufacturer: LEDTRONICS
 Luminaire: WITH NO GLOBE, 120VAC, 27.5W
 Luminaire Cat: LED30HP5-600-SIW-002
 Lamp: LUMEN RATING: 2302.7lms
 Lamp Output: 1 lamp(s), rated lumens/lamp: 2302.7
 Max Candela: 544.4 at Horizontal: 45°, Vertical: 50°
 Luminous Opening: Point
 Test: 4-22-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	69.4	3%	3%
0-40	265.3	11.5%	11.5%
0-60	1,078.8	46.9%	46.8%
60-90	780.9	33.9%	33.9%
70-100	486.4	21.1%	21.1%
90-120	269.5	11.7%	11.7%
0-90	1,859.7	80.8%	80.8%
90-180	443.1	19.2%	19.2%
0-180	2,302.7	100%	100%



NOTE
If a ballast is present and used by an old preexisting lamp, the ballast needs to be bypassed for the LED lamp. (Operating Voltage 100-277 VAC).

AVAILABLE OPTION: ARRA Compliant USA Made Product