



LED High-Power Bulbs for Decorative Acorn-Style Post-Top Street & Walkway Lamps / Base Down

LED30MH-600-TPW-00x

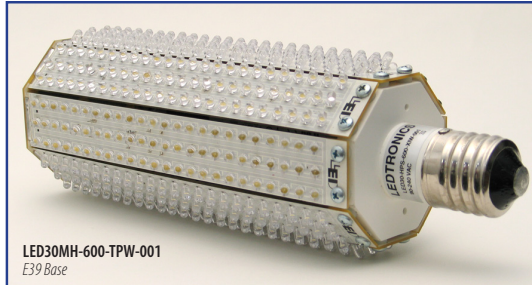


Only 27 Watts — 100-277VAC Range — 5000K True White — E39 Mogul or E26 Edison Screw-In Base

Plug-in Replacement for MH Lamps up to 150 Watts — Typical Mounting Height: 10-16 ft.

FEATURES

- Warranty:** 5 Years
- Wide Voltage Range:** 100-277VAC
- Choice of Base:** E39 Mogul or E26 Screw-in
- Ventilated:** Lamp Assembly Feature Aids in Maintaining Cool-Running Lamp
- Longer Life:** White LEDs Last up to 50,000+ Hours
- Life Expectancy:** 11.4 Years (12 Hrs/Day Basis)
- Optimized Design:** LEDs Mounted to Provide Maximum Luminance at Desired Angles
- Instant-On:** No Delay in Re-Strike
- Optimized Circuitry:** Power Factor Corrected for Maximum Efficiency
- Solid-State:** High-Shock & High-Vibration Resistant
- Wide Ambient Oper. Temp. Range:** ~-22°F to ~+122°F ~-30°C to ~+50°C
- Reduces Light Pollution:** "Dark Skies" Initiative-Compatible
- ETL Listed (4001379), RoHS Compliant**
- Available Option:** ARRA Compliant USA Made Product



LED30MH-600-TPW-001
E39 Base



LED30MH-600-TPW-002
E26 Base

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

APPLICATIONS

- Washington Globe Street & Walkway Lamps
- Enclosures

SPECIFICATIONS

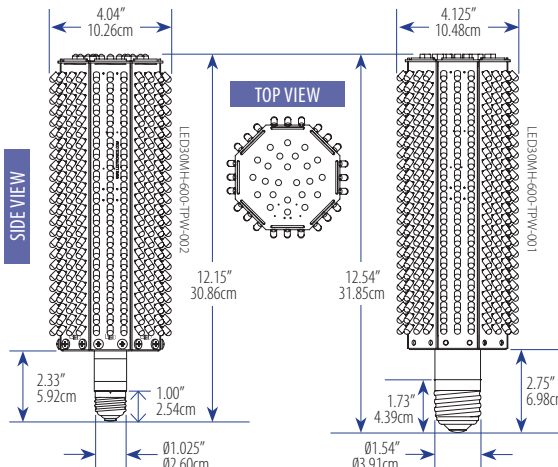
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	LED30MH-600-TPW-00x
Emitted Color	True White
Color Temperature	4800K~5200K
Color Rendering Index	70~73
Beam Pattern	Type V — Cylindrical
Viewing Angle <small>(Full Beam Width @ 50% Intensity)</small>	50° beam @ 45° to vertical
Input Voltage	100-277 VAC [Tested @ 120VAC]
Energy Used	27 Watts
Input Current	0.230A
Power Factor	0.95
Total Lumens	2540 lm
Maximum Candela	515 cd
Efficacy	95 lm/W
Base Configuration	Vertically Down
LEDs	Facing Down
Weight	2.06 lbs / 0.9kg



Above, LED30MH-600 bulbs replace 100W HPS lamps at Bolling Air Force Base in Washington, D.C.

Above and at right, LED30MH-600 bulbs replace 150W globe bulbs in Library Park in Monrovia, California.



PART NUMBER	BASE TYPE	DIMENSIONS (LxW)
LED30MH-600-TPW-001	E39 Mogul Screw	12.54"x4.12" (318.5x104.8mm)
LED30MH-600-TPW-002	E26 Edison Screw	12.15"x4.04" (308.6x102.6mm)

BENEFITS

- Major Energy Savings:** Up to 85% — Consumes Only 27 Watts vs 175 Watts by MH (150W Lamp & 16-25W Transformer) — Up to 125W Reduction
- Longer Lifespan** than MH 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

CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- Base Up Available, with LEDs Below Base

LEDTRONICS®
Creating the Future of LED Light Since 1983™

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Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

High-Power LED Bulbs for Acorn-Style Street / Walkway Lamps

LED30MH-600-TPW-001 & LED30MH-600-TPW-002 Photometric Reports Are Identical

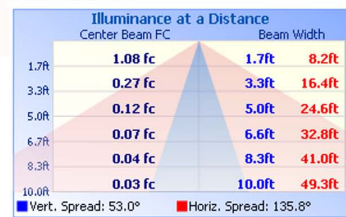
Luminaire Photometric Report

Filename: LED30MH-600-TPW-001
Manufacturer: LEDTRONICS -
Luminaire: WITH NO GLOBE, 120VAC, 26.4W
Luminaire Cat: LED30MH-600-TPW-001
Lamp: LUMEN RATING: 2541.5Lms.
Lamp Output: 1 lamp(s), rated lamp lumens: 2541.5
Max Candela: 514.0 at Horizontal: 0, Vertical: 45
Luminous Opening: Point
Test: 7-14-09

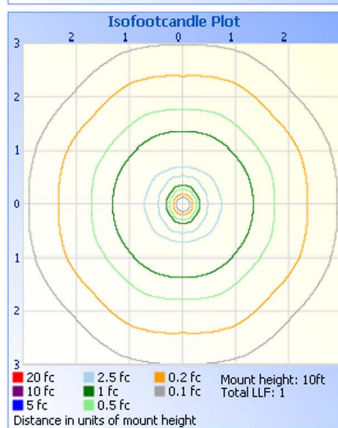
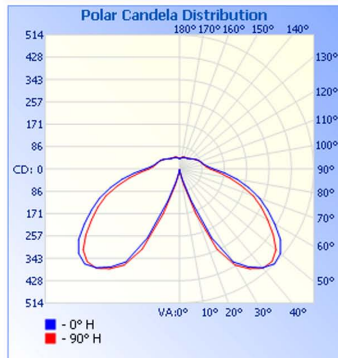
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	165.6	6.5%	6.5%
0-40	454.6	17.9%	17.9%
0-60	1,250.9	49.2%	49.2%
60-90	831.8	32.7%	32.7%
0-90	2,082.6	81.9%	81.9%
90-180	458.9	18.1%	18.1%
0-180	2,541.5	100%	100%

Total Efficiency: 100%



10 FEET



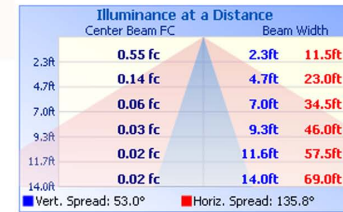
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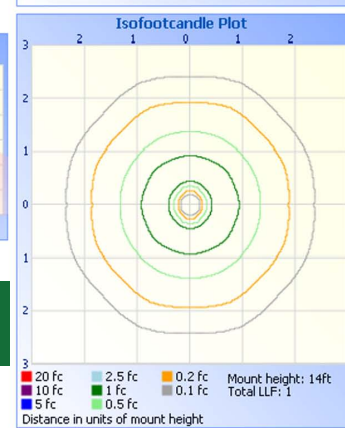
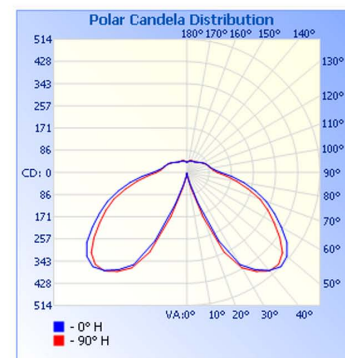
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14 FEET



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

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

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

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 Valve 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.

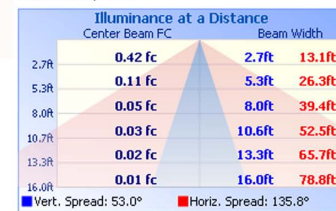
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16 FEET

