

LED HID Replacement Lamps: Omnidirectional



20-100
watts

2100-
12500
lumens

up to
110
lpw

universal
burn

features

- LED HID replacement lamp for 50-400W HID
- Consumes up to 75% less energy than conventional HID systems
- Last 2x-5x longer than metal halide lamps and 2x longer than HPS lamps
- Available with standard medium E26 and mogul E39 screw bases
- Choice of 4000K or 5000K CCT
- Universal mounting position allows for vertical base-up/base-down or horizontal operation
- Eliminates maintenance costs for over 10 years, no expensive HID lamps or ballasts to replace
- State-of-the-art LED light sources deliver over 110 lumens per watt
- Solid State Technology requires no fans or moving parts, providing outstanding reliability
- 5 year warranty from major, full-line lighting manufacturer



performance

- +2,100 lumens @ 20W
- +3,000 lumens @ 27W
- +4,000 lumens @ 36W
- +5,000 lumens @ 45W
- +6,000 lumens @ 54W
- +12,500 lumens @ 100W
- 4000K, 5000K (+/- 250K)
- 110 lpw
- 80 CRI
- 50,000 hour life @ L70
- Operates in -30°C to 60°C (-22°F to 140°F) environment temperatures
- Uses Samsung high performance SMD5630 LED chips
- Universal voltage input, 120V-277V, +/-10%
- No ballast required, disconnect or remove
- UL Listed for open or enclosed fixtures (100W open fixture rated)
- UL Listed for damp locations
- Non-dimmable
- THD <25%

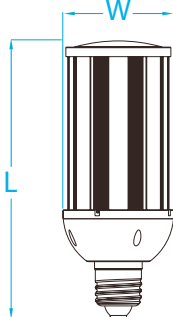
applications

- Decorative Post-tops
- Wallpacks
- Area Lights – Shoeboxes
- Highbays
- Lanterns
- Flood lighting
- Garage
- Temporary lighting
- Bollards



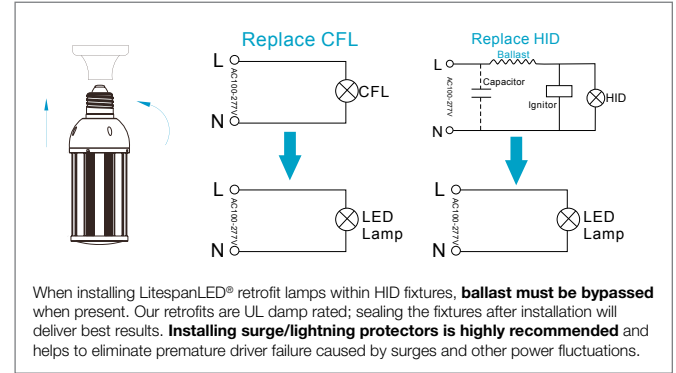
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dimensions



| Watts | Base | Dimensions |
|-------|------|--------------------------|
| 20 | E26 | Ø70.0*191mm / Ø2.75*7.5" |
| 27 | E26 | Ø92.8*196mm / Ø3.7*7.7" |
| 27 | E39 | Ø92.8*211mm / Ø3.7*8.3" |
| 36 | E26 | Ø92.8*226mm / Ø3.7*8.9" |
| 36 | E39 | Ø92.8*241mm / Ø3.7*9.5" |
| 45 | E26 | Ø92.8*256mm / Ø3.7*10" |
| 45 | E39 | Ø92.8*271mm / Ø3.7*10.7" |
| 54 | E26 | Ø92.8*256mm / Ø3.7*10" |
| 54 | E39 | Ø92.8*271mm / Ø3.7*10.7" |
| 100 | E39 | Ø140*314mm / Ø5.5*12.3" |

installation



ordering information

| | Order Code | Item # | Lm | W | CCT | GRI | V | Life/Hrs | Replaces HID | | DLC |
|--------------|--------------------|--------------------|--------|-------|-------|----------|----------|--------------|--------------|---|-----|
| Mogul Base | 08772 | LED27WPT40KMOG-G5 | 3,000 | 27W | 4000K | 80+ | 100-277V | 50K | 50-100W HID | | ✓ |
| | 09022 | LED27WPT50KMOG-G5 | 3,240 | 27W | 5000K | 80+ | 100-277V | 50K | 50-100W HID | | ✓ |
| | 08773 | LED36WPT40KMOG-G5 | 4,000 | 36W | 4000K | 80+ | 100-277V | 50K | 100-150W HID | | ✓ |
| | 09024 | LED36WPT50KMOG-G5 | 4,325 | 36W | 5000K | 80+ | 100-277V | 50K | 100-150W HID | | ✓ |
| | 08774 | LED45WPT40KMOG-G5 | 5,000 | 45W | 4000K | 80+ | 100-277V | 50K | 150-175W HID | | ✓ |
| | 09026 | LED45WPT50KMOG-G5 | 5,400 | 45W | 5000K | 80+ | 100-277V | 50K | 150-175W HID | | ✓ |
| | 08775 | LED54WPT40KMOG-G5* | 6,000 | 54W | 4000K | 80+ | 100-277V | 50K | 175-250W HID | | ✓ |
| | 09028 | LED54WPT50KMOG-G5* | 6,480 | 54W | 5000K | 80+ | 100-277V | 50K | 175-250W HID | | ✓ |
| | 09030 | LED100WPT40KMOG-G5 | 12,500 | 100W | 4000K | 80+ | 100-277V | 50K | 250-400W HID | | |
| Medium Base | 09232 | LED20WPT40KMED-G6 | 2,100 | 20W | 4000K | 80+ | 100-277V | 50K | 50-70W HID | | |
| | 09233 | LED20WPT50KMED-G6 | 2,100 | 20W | 5000K | 80+ | 100-277V | 50K | 50-70W HID | | |
| | 08776 | LED27WPT40KMED-G5 | 3,000 | 27W | 4000K | 80+ | 100-277V | 50K | 50-100W HID | | |
| | 09021 | LED27WPT50KMED-G5 | 3,240 | 27W | 5000K | 80+ | 100-277V | 50K | 50-100W HID | ✘ | |
| | 08777 | LED36WPT40KMED-G5 | 4,000 | 36W | 4000K | 80+ | 100-277V | 50K | 100-150W HID | | |
| | 09023 | LED36WPT50KMED-G5 | 4,325 | 36W | 5000K | 80+ | 100-277V | 50K | 100-150W HID | ✘ | |
| | 08778 | LED45WPT40KMED-G5 | 5,000 | 45W | 4000K | 80+ | 100-277V | 50K | 150-175W HID | | |
| | 09025 | LED45WPT50KMED-G5 | 5,400 | 45W | 5000K | 80+ | 100-277V | 50K | 150-175W HID | ✘ | |
| | 08779 | LED54WPT40KMED-G5* | 6,000 | 54W | 4000K | 80+ | 100-277V | 50K | 175-250W HID | | |
| 09027 | LED54WPT50KMED-G5* | 6,480 | 54W | 5000K | 80+ | 100-277V | 50K | 175-250W HID | ✘ | | |

* When used in enclosed fixture, minimum lamp compartment dimensions 200mm x 200mm

✘ Lighting Design Lab Qualified ✓ DesignLights Consortium™ Qualified

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