

HID LED 80W TITANIUM LED SERIES



PRO



80W REPLACES



175-250W
HID

70% Energy Savings

\$136 Savings per lamp*

- Direct line voltage 120-277V - Not compatible with ballasts
- Designed for use in post top applications
- Compatible with EX39 & E39 sockets
- Fully omnidirectional 320° beam angle
- Available in 5000K CCT
- Suitable for use in totally enclosed fixtures



HID LED PRODUCT FEATURES

Suitable for Enclosed Fixtures



This HID LED lamp replaces a 175-250W HID and is suitable for use in totally enclosed fixtures. Its high lumen output and exceptional efficacy make it an ideal choice for outdoor post top applications.

CoolSink Technology

The CoolSink passive cooling system allows air to flow freely through the lamp. This unique design uses an increased cooling surface area to reduce the operating temperature of the LED and power supply, thus resulting in longer lamp life and lumen maintenance.



APPLICATIONS

General Lighting



Teardrop Lighting



Post Top Lighting



Ref.:#DST148-HID-LED-80W-277V

SPECIFICATIONS

| Product Model | 16165 80HID/827/277V/E39 80HID/827/277V/EX39 (MTO) | 57949 80HID/850/277V/EX39 | 16166 80HID/857/277V/E39 80HID/857/277V/EX39 (MTO) |
|------------------------------------|---|------------------------------|---|
| Type | HID LED | HID LED | HID LED |
| Base | EX39 (Compatible with E39) | EX39 (Compatible with E39) | EX39 (Compatible with E39) |
| Power (W) | 80 | 80 | 80 |
| Voltage - Frequency | 120-277V | 120-277V | 120-277V |
| Color Temp. (ANSI) | Soft White 2700K | Daylight 5000K | Daylight 5700K |
| CRI (Ra) (typ.) | 80 | 80 | 80 |
| Bare Lamp lumens (lm) | 8000 | 9600 | 9600 |
| Bare Lamp efficacy (LPW) | 100 | 120 | 120 |
| Fixture lumens (lm)*** | 5305 | 5800 | 6010 |
| Fixture efficacy (LPW)*** | 66 | 73 | 75 |
| Beam Angle | 320° | 320° | 320° |
| Dimmable | No | No | No |
| Power Factor | 0.9 | 0.9 | 0.9 |
| Rated Lifetime - L70 (hrs.) | 50,000 | 50,000 | 50,000 |
| Dia. x MOL | 5.87"x10.16" (148x258mm) | 5.87"x10.16" (148x258mm) | 5.87"x10.16" (148x258mm) |
| Weight (lb. / g) | 3.8lbs / 1724g | 3.8lbs / 1724g | 3.8lbs / 1724g |

* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / \$12 HID with 10,000-hr lifetime, \$70 ballast, \$250 LED HID with 50,000 hr lifetime
 ** Suitable for use in totally enclosed fixtures

*** Fixture lumens and efficacy based on DLC testing in Post Top fixture with prismatic diffuser: GE Patriarch Luminaire
 **** Suitable for damp locations. Not for use where directly exposed to weather or water