

# HID LED 27W TITANIUM LED SERIES



PRO



27W REPLACES



70-100W  
HID

70% Energy Savings

**\$182** 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 3000K, 4000K & 5000K
- Suitable for use in totally enclosed fixtures



## HID LED PRODUCT FEATURES

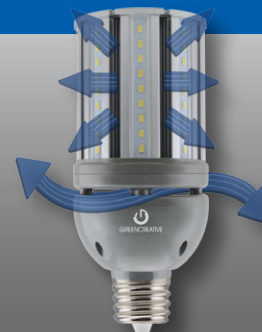
### Suitable for Enclosed Fixtures



This HID LED lamp replaces a 70-100W 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.#: DS130-HID-LED-27W-277V-070218

## SPECIFICATIONS

| Product Model               | 57935<br>27HID/830/277V/EX39/R | 57936<br>27HID/840/277V/EX39/R | 57937<br>27HID/850/277V/EX39/R |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|
| Type                        | HID LED                        | HID LED                        | HID LED                        |
| Base                        | EX39 (Compatible with E39)     | EX39 (Compatible with E39)     | EX39 (Compatible with E39)     |
| Power (W)                   | 27                             | 27                             | 27                             |
| Voltage - Frequency         | 100-277V                       | 100-277V                       | 100-277V                       |
| Color Temp. (ANSI)          | Warm White 3000K               | Cool White 4000K               | Daylight 5000K                 |
| CRI (Ra) (typ.)             | 80                             | 80                             | 80                             |
| Bare Lamp lumens (lm)       | 3020                           | 3150                           | 3200                           |
| Bare Lamp efficacy (LPW)    | 112                            | 117                            | 118                            |
| Fixture lumens (lm)***      | 1800                           | 1800                           | 1800                           |
| Fixture efficacy (LPW)***   | 67                             | 67                             | 67                             |
| 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                         |
| Temperature Rating          | -4°F/-20°C - 95°F/35°C         | -4°F/-20°C - 95°F/35°C         | -4°F/-20°C - 95°F/35°C         |
| Dia. x MOL                  | 3.66"x8.98" (93x228mm)         | 3.66"x8.98" (93x228mm)         | 3.66"x8.98" (93x228mm)         |
| Weight (lb. / g)            | 1.8lbs / 816g                  | 1.8lbs / 816g                  | 1.8lbs / 816g                  |

## HID EQUIVALENCE

| GREEN CREATIVE HID LED |        | Metal Halide |             | Mercury Vapor |             | High Pressure Sodium |             |
|------------------------|--------|--------------|-------------|---------------|-------------|----------------------|-------------|
| Power                  | Lumens | Power        | Mean Lumens | Power         | Mean Lumens | Power                | Mean Lumens |
| 27W                    | 3200   | 70W          | 3400        | 100W          | 3300        | 50W                  | 3600        |

\* Savings per fixture based on \$0.11 / kw energy cost, 12 hrs / \$12 HID with 10,000-hr lifetime, \$70 ballast, \$90 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  
 \*\*\*\*\* Suitable for use in horizontal applications