

# LED-8028 Post Top / Bollard / Site

**21w = 70W**  
LED MH / HPS

## SKU No. (USA)

LED-8028E30

LED-8028E42

LED-8028E57

## SKU No. Canada

LED-8028E30C 21W, 3000K

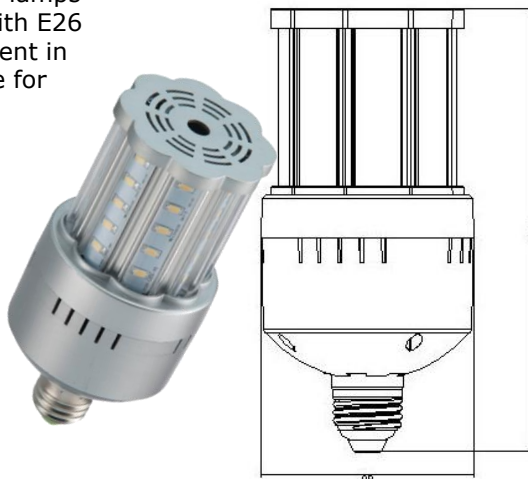
LED-8028E42C 21W, 4200K

LED-8028E57C 21W, 5700K

### Description:

LED retrofit design to replace 70W MH and HPS lamps up to 100w. Fully encapsulated, 21 watt LED with E26 Edison base. Small, compact size allows placement in smaller bollards and other HID fixtures. Suitable for fully enclosed fixtures.

- 21W power consumption
- Replaces up to a 70W HID
- 360° illumination
- 120-277VAC, Non-Dimmable (USA)
- 120-347VAC, Non-Dimmable (Canada)
- Available in 3000K, 4200k & 5700K CCT
- >80 CRI
- 50,000 hr. rated L70 LED life
- Operating temp: -40°F - 122°F
- Double Insulated
- UL Listed (US & CA) Damp Locations and rated for enclosed fixtures
- 5 Year warranty



### Applications:

LED Post top / Bollard / Site LED for HID retrofit lamps lower energy costs, bulb and ballast replacement costs and also can greatly reduce costly equipment rental when re-lamping HID lamps on and off cycle. LED for HID retrofits will also eliminate lamp disposal issues due to the mercury content in many HID lamps.

- Outdoor area lighting
- Wall Pack
- Cold display
- Security Lighting

### Packaging: 9/Master Carton

Unit : 4.7" x 4.7" x 8.9"

Master: 14.8" x 14.8" x 9.5"

### Installation Notes:

- When installing LED-8000 series retrofit lamps within HID fixtures, ballast must be bypassed when present.
- 8000 series retrofits are UL damp rated, sealing the fixtures after installation will deliver best results.
- Installing surge/lightning protectors is highly recommended and helps to eliminate premature driver failure caused by surges and other power fluctuations.

### Technical Specifications

Bulb Type	HID Retrofit	Mounting	E26
Bulb Material	Aluminum/ Polycarbonate	LEDs:	40 Mason #5630 SMD LED's
Power Consumption	21 watts	Beam Angle	360 °
Lumens	3000K: 1796 Lm 4200K: 1820 Lm 5700K: 1844 Lm	Dimmable	No
Efficacy	83-89 LPW	Replaces	Up to 100W HID
Rated LED Life	Up to 50,000 Hrs.	CCT	3000K 4200K 5700K
Power Factor:	>99	CRI:	> 80
IR / UV	None	Mercury/ Lead Content	None
Warranty	5 year Limited	Dimensions	6.6" X 3.15"

Note: All specification information falls within a  $\pm 2\%$  range and is subject to change without notice.

NOTE: Light Efficient Design is providing this information to the general public. Please note that all products contained herein are trademarked, copyrighted, and/or have patents pending. Any use of these designs is strictly prohibited without prior written consent. Light Efficient Design protects its proprietary information vigorously in the courts of the United States of America.



188 S. Northwest Highway • Cary, IL 60013

(847) 380-3540 • FAX: (847) 380-3542

www.led-llc.com

SPEC LED-8028 5/1/2013