

Post Top LED Kit

Luminaire kit for retrofitting Pole Lamps with High Efficiency LED Lighting.



The Post Top LED Kit retrofits area pole lighting and fits common sized globes, lowering electric consumption by up to 70%.

Quick Installation with Post Top LED Kit for Decorative Lamp Poles

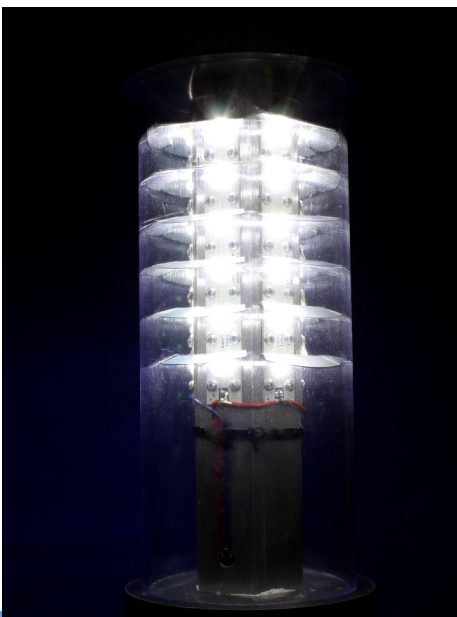
The Post Top LED Kit from IntenCity retrofits pole lights with a LED light engine that greatly lowers costs by up to 70%. It is economical and long lasting, with LED L70 life rated at 70,000 hours. The LED light engine is self contained for easy retrofitting in common lamp poles, used to light walkways, area lighting and in decorative uses. The Post Top LED Kit reuses existing lamp poles or can be used with new ones. The kit is built for ease of field installation, and can be customized for most pole lamp fittings.

LED Lighting to Lower Maintenance, Reducing Electric Costs

The LED light engine is available in either a 40, 60, or 90 watt configuration, to replace HID discharge lamps, such as mercury vapor, metal halide, or high pressure sodium lamps. The Post Top LED Kit reduces electric consumption by up to 70% and has a rated life over 70,000 hours. This greatly reduces lamp changing, ballast replacements, and hazardous waste costs for the mercury lamps.

LED Pole Kit – Highly Efficient, Directed Light

Unique to the IntenCity Post Top LED Kit is a series of sealed LED units, which through a patented reflector system directs light to where it is most needed. This leads to directing more light where it is needed, high fixture efficiency, and a brighter safer appearance to the area, thus upgrading the quality of light.



Patented LED light reflector system, places light where it is most needed, leading to higher fixture efficiencies and lower operating costs.

Applications for Post Top LED Kit

- Walkways, Paths, Streetscapes, Decorative Area Lighting
- Residential Districts, Business Districts, Accent Lighting, Historical Districts, General Lighting
- Shopping Centers, Malls, Plaza Lighting
- College, Business Parks, and Campuses
- Parks and Recreational Lighting

LED Pole Top Kit Features:

- Saves up to 70% of electric cost, while greatly reducing maintenance
- Highly durable electronics, extensive heat management for long service life
- L70 Lifetime: 70,000 hours
- 100 to 277 Volts standard, 480 Volts available
- Adapts easily to existing or new pole lamps and globe configurations. Adapts to Acorn type decorative globes.
- Available in 40, 60, or 90 watt LED configurations
- Reduces light pollution by directing light where it is most needed

Compatibility Chart / Energy Savings

Traditional Source	PTLK	Energy Savings
HPS 100 watts	40 watts	60%
MH 100 watts	40 watts	60%
HPS 150 watts	60 watts	63%
MH 250 watts	90 watts	67%

U.S. and International Patents Issued and Pending.
 US 7,419,128 B1, US 7,569,802 B1,
 US 7,578,605 B1, US 7,806,563 B1

PTLK - Pole Top LED Lighting Kit

Solid-State Outdoor LED Luminaire for area lighting



The Pole Top LED Kit affords the opportunity to retrofit existing or new decorate pole lamps with high efficiency, lower cost LED lighting, while upgrading the area lighting appearance.



General Specifications

General	LED replacement kit for post top pole lighting, Type V.
Light Output	3,000 (40 Watt), 5,000 Lumens (60 Watt), 6500 Lumens (90 watts)
Durability, Dust, and Moisture	Intrusion Protection Rating – IP66 on light engine, and power supply. Patented thermal design.
Color	5,000K Typical, other options available
L-70 Lifetime	10+ Year Design Life, over 70% of original lumen output after 70,000 hours at 30° C ambient temperature

Environmental Specifications

Operating Temperature	-40° C to 55° C
Storage Temperature	-40° C to 85° C
Humidity	0% to 99%

Power and Compliance Standards

Input Power	PF> 0.95, Current THD <10%
Wattage	40, 60, or 90 watts
Operating Voltage	100 to 277VAC, 50 to 60 hertz
Connections	3 wire: line, neutral and ground

Physical Specifications

Finish and Construction	Clear Anodized Aluminum, and Stainless Steel. Heavy gauge aluminum extrusion, stainless steel fasteners, gasket sealed Butyrate (high transmissive plastic) lens with UV inhibitor. Adapters to fit most pole lamp configurations, consult factory for fittings.
Dimensions	5 1/4" Diameter x 13 1/2" Tall
Weight	12 Pounds

Ordering Information:

Family	Watts	Voltage	Color Temp.	Color	Pole Fitter
PTLK	40 Watts 60 Watts 90 Watts	100 – 277 VAC Custom: Contact Factory	4,100K 5,000K 6,500K	Silver Custom Color: Contact Factory	Custom: Contact Factory



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Efficient, economical, highly engineered light fixtures saving our customer's energy