

## LED Post Top Lighting GENERATION 3



### Superior Thermal Management in a Compact Design

Topaz's Post Top Lights provide an energy efficient and long life replacement for HID lamps. Redesigned to be compact, these durable retrofit lamps offer high quality light in both indoor and outdoor applications. With a 50,000 hour (L70) life span, Topaz Post Tops greatly reduce the cost of ownership through minimal maintenance, lower utility costs and disposal inconveniences compared to high-intensity discharge light sources.

### FEATURES

- Improved construction and thermal management design
- Lighter weight and compact design
- Suitable for enclosed fixtures
- Ballast bypass operation - no ballast or external driver required
- Integral power supply with 6kV surge protection
- Thermal sensing technology reduces power to lamp in extreme temperature condition to protect the lamp<sup>1</sup>

### SUGGESTED APPLICATIONS

- Commercial indoor and outdoor settings such as acorns, post top and high bay applications





Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_  
Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

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### GENERAL SPECIFICATIONS

**Input Voltage, Frequency Hz:** 100-277V, 50/60Hz  
**Power Factor, THD%:** >0.9, ≤20%  
**UL Type B, Ballast Bypass Operation**  
**Non-Dimmable**  
**Surge Protection Rating:** 6kV  
**Lamp Efficacy:** Up to 150 LPW  
**Fixture Efficacy:** Up to 126 LPW  
**Beam Angle:** 360°

**CRI:** >80  
**Functional Life (L70):** 50,000 hours  
**Location Rating:** Damp  
**Ambient Operating Temperature:** -40°F to 140°F  
**Enclosed Fixture Rating:** Suitable for enclosed fixtures<sup>2</sup>  
**Operating Position:** Universal  
**Housing Construction:** Aluminum heatsink  
**Lens Type:** Polycarbonate

### ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lamp Lumens	Fixture <sup>3</sup> Lumens	Watts	Input Amps 100V/277V	CCT	DLC ID
LPT12/850/E26/G3	74342	751338034440	1,800	1,512	12W	0.15/0.05A	5000K	-
LPT18/830/E26/G3	74343	751338034457	2,628	2,196	18W	0.2/0.07A	3000K	-
LPT18/850/E26/G3	74344	751338034464	2,700	2,250	18W	0.2/0.07A	5000K	-
LPT27/830/E26/G3	74345	751338034488	3,942	3,294	27W	0.3/0.11A	3000K	-
LPT27/850/E26/G3	74346	751338034495	4,050	3,375	27W	0.3/0.11A	5000K	-
LPT27/850/E39/G3	74348	751338034600	4,050	3,375	27W	0.3/0.11A	5000K	PL009XTMKO7S
LPT36/850/E26/G3	74350	751338034518	5,400	4,392	36W	0.4/0.14A	5000K	-
LPT36/850/E39/G3	74352	751338034617	5,400	4,392	36W	0.4/0.14A	5000K	PL5NQOIPDHKA
LPT45/850/E26/G3	74354	751338034587	6,750	5,490	45W	0.5/0.18A	5000K	-
LPT45/850/E39/G3	74356	751338034624	6,750	5,490	45W	0.5/0.18A	5000K	PL7UD0FKZZFU
LPT54/850/E26/G3	74358	751338034594	8,100	6,588	54W	0.6/0.22A	5000K	-
LPT54/830/E39/G3	74359	751338034631	7,884	6,480	54W	0.6/0.22A	3000K	PLNMDA0YRKOR
LPT54/850/E39/G3	74360	751338034648	8,100	6,588	54W	0.6/0.22A	5000K	PL1876AX4CAZ

### NOMENCLATURE

Example: LPT12/850/E26/G3

LPT = LED Post Top 12 = 12 Watts / 830 = 80 CRI, 3000K / E26 = E26 Base / G3 = Generation 3

18 = 18 Watts / 850 = 80 CRI, 5000K / E39 = E39 Base

27 = 27 Watts

36 = 36 Watts

45 = 45 Watts

54 = 54 Watts

### ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Order Code	UPC	Description
WD-E39/E26-REDUCE	78413	751338098961	E39 adapter (converts E26 medium base to E39 mogul base)

#### NOTES:

<sup>1</sup>Integral thermal sensing technology not available for 36W models.

<sup>2</sup>Must meet minimum compartment size requirements to be suitable for enclosed fixtures.

<sup>3</sup>DLC qualification based on fixture lumens.

Specifications subject to change without prior notice. Replacement wattage shown depends on application and fixture.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

January 2020



Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

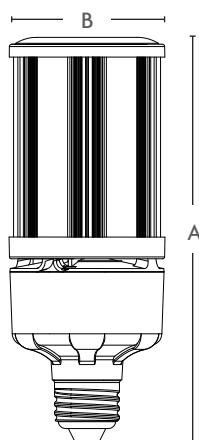
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### ENERGY SAVINGS

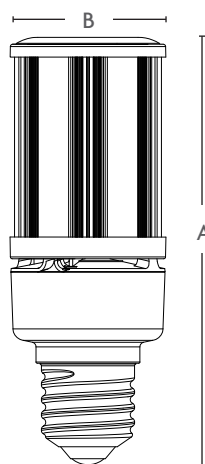
Catalog Number	LED Lamp Watts	HID System Watts	Watts Saved	Yearly Savings	5 Year Savings
Based on 12 hours/day and 11¢/kwhr					
LPT12/8XX/EXX/G3	12W	50W	38W	\$18	\$92
LPT18/8XX/EXX/G3	18W	70W	52W	\$25	\$125
LPT27/8XX/EXX/G3	27W	100W	73W	\$35	\$176
LPT36/8XX/EXX/G3	36W	150W	114W	\$55	\$275
LPT45/8XX/EXX/G3	45W	175W	130W	\$63	\$313
LPT54/8XX/EXX/G3	54W	250W	196W	\$94	\$472

### PRODUCT DIMENSIONS / LINE DRAWING

Catalog Number	(A)	(B)	Weight	Minimum Compartment Size
<b>E26 Base</b>				
LPT12/8XX/E26/G3	4.92"	2.56"	.57 Lbs.	11.8" x 7.1" x 7.1"
LPT18/8XX/E26/G3	5.57"	2.56"	.62 Lbs.	12.2" x 7.5" x 7.5"
LPT27/8XX/E26/G3	6.65"	2.56"	.68 Lbs.	13.4" x 7.8" x 7.8"
LPT36/8XX/E26/G3	7.79"	3.43"	1.28 Lbs.	14.7" x 7.9" x 7.9"
LPT45/8XX/E26/G3	8.82"	3.43"	1.45 Lbs.	15.7" x 7.9" x 7.9"
LPT54/8XX/E26/G3	8.82"	3.43"	1.45 Lbs.	16.5" x 8.3" x 8.3"
<b>E39 Base</b>				
LPT27/8XX/E39/G3	7.05"	2.56"	.68 Lbs.	13.4" x 7.8" x 7.8"
LPT36/8XX/E39/G3	8.5"	3.43"	1.28 Lbs.	14.7" x 7.9" x 7.9"
LPT45/8XX/E39/G3	9.53"	3.43"	1.45 Lbs.	15.7" x 7.9" x 7.9"
LPT54/8XX/E39/G3	9.53"	3.43"	1.45 Lbs.	16.5" x 8.3" x 8.3"



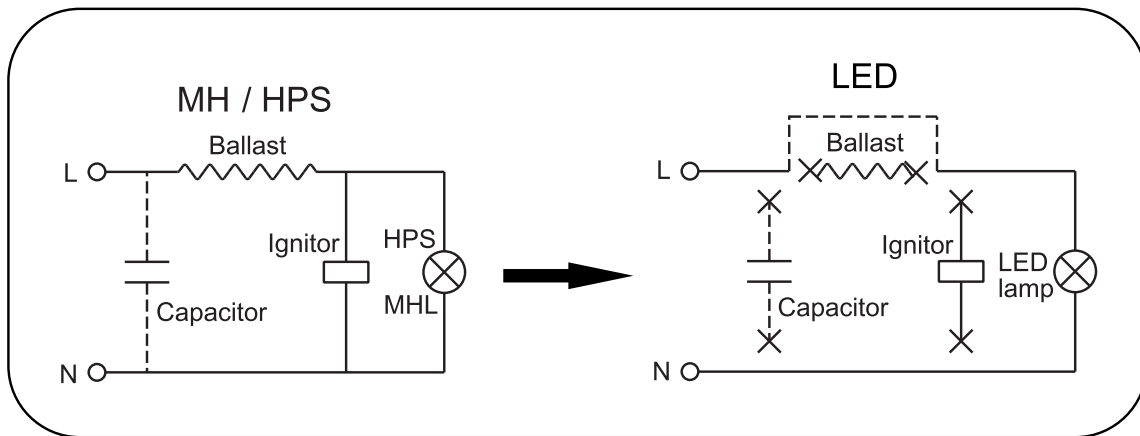
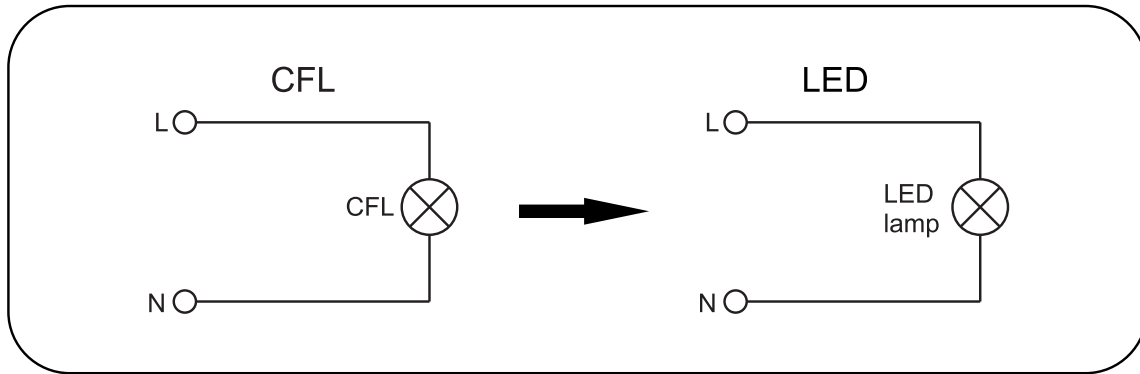
**E26 Base**



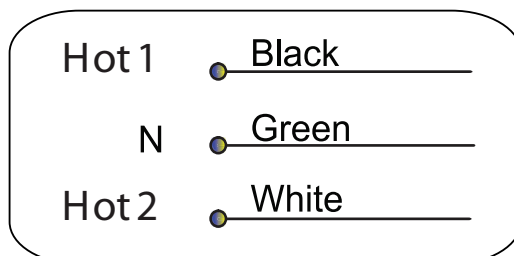
**E39 Base**

## LED Post Top Lighting GENERATION 3

### WIRING DIAGRAM



#### 208V/240V Connection



#### 120V/277V Connection

