

LED Post Top Lighting



SUGGESTED APPLICATIONS

- Replaces traditional Metal Halide, High Pressure Sodium, Mercury Vapor, and Fluorescent lamps
- Commercial indoor and outdoor settings such as acorns, post top and high bay applications¹
- Suitable for open or enclosed fixtures in dry or damp locations

FEATURES

- Thermal sensing technology reduces power in extreme temperatures to protect lamp
- Ballast bypass operation - no ballast or external driver required
- 360° beam angle provides full light distribution
- Power selectable models available: choose 3 power levels in a single fixture for adjustable lumen output
- Optional motion and standby dimming sensor available for 80W-120W models
- Choose from E26 and E39 and EX39 bases (available bases vary by wattage)
- (2) 2.5' safety cables included with 80W-120W models for secondary support



LED Post Top Lighting

GENERAL SPECIFICATIONS

Input Voltage:

12W-18W: 100-277V

27W-120W: 120-277V

Frequency: 50/60Hz

Power Factor, THD %: >0.9, ≤20%

Minimum Efficacy: Up to 150 LPW

Non-Dimmable

Minimum CRI: 80

Beam Angle: 360°

Functional Life (L70): 50,000 hours

Ambient Operating Temperature: -40°F to 140°F

Operating Position:

27W-54W: Universal

80W-120W: Base up/base down

ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	Base	Lamp Lumens	Fixture Lumens	Wattage	Input Current @120/277V	CCT	DLC ID*
LPT12/850/E26/G3	74342	E26	1,800	1,512	12W	0.15/0.05A	5000K	-
LPT18/830/E26/G3	74343	E26	2,628	2,628	18W	0.2/0.07A	3000K	-
LPT18/850/E26/G3	74344	E26	2,700	2,700	18W	0.2/0.07A	5000K	-
LPT27W-830-E26-G4	73554	E26	3,780	3,192	12W 18W 27W	0.3/0.1A	3000K	-
LPT27W-850-E26-G4	73555	E26	4,050	3,433	12W 18W 27W	0.3/0.1A	5000K	-
LPT27W-850-E39-G4	73556	E39	4,050	3,433	12W 18W 27W	0.3/0.1A	5000K	PL6JPN7VLHT6**
LPT36W-850-E26-G4	73557	E26	5,400	4,524	18W 27W 36W	0.4/0.13A	5000K	-
LPT36W-850-E39-G4	73558	E39	5,400	4,524	18W 27W 36W	0.4/0.13A	5000K	PLBM8HDR37U6**
LPT54W-830-E26-G4	73559	E26	7,560	6,337	36W 45W 54W	0.6/0.2A	3000K	-
LPT54W-850-E26-G4	73560	E26	8,100	6,756	36W 45W 54W	0.6/0.2A	5000K	-
LPT54W-830-E39-G4	73561	E39	7,560	6,337	36W 45W 54W	0.6/0.2A	3000K	PLO8MT0OCSSA**
LPT54W-850-E39-G4	73562	E39	8,100	6,756	36W 45W 54W	0.6/0.2A	5000K	PLYF5909NPF5**
LPT80W-850-E39-G4	73563	E39	12,000	9,956	54W 63W 80W	0.8/0.29A	5000K	PL34TUJXKFDN*
LPT100W-850-EX39-G4	73564	EX39	15,000	13,072	63W 80W 100W	1.0/0.37A	5000K	PL9KL2GW8W48*
LPT120W-850-EX39-G4	73565	EX39	18,000	15,857	80W 100W 120W	1.2/0.44A	5000K	PLMB5H3PJEU5*

ACCESSORIES (SOLD SEPARATELY)

Catalog Number	Order Code	UPC	Description
LPT-80W-120W-MMS	73566	751338039964	Microwave Motion Sensor for use with 80W-120W G4 Post Tops
WD-E39/E26-REDUCE	78413	751338098961	E39 Adapter (converts E26 medium base to E39 mogul base)

MOTION SENSOR PRE-PROGRAMMED SETTING

Hold Time Range	Standby Dimming Level	Standby Period
The time period that the fixture will remain at full after motion is no longer detected	The level that the fixture goes to after the hold time is complete. If the stand-by period is 0 sec, the fixture will turn off	The time period that the fixture will remain at the stand-by level before turning off. The stand-by period starts after the hold period
10 Minutes	10%	1 Minute

NOTES

*DLC Primary Use Designation: *Replacement Lamps for High-Bay Luminaires (Type B), ** Replacement Lamps for Outdoor Pole/Arm-mounted Decorative Luminaires (Type B)

When installing Topaz LED post top lamps in an HID fixture, ballast must be bypassed when present.

Safety cable required in High Bay or Base up applications.

†Must meet minimum compartment size requirements to be suitable for enclosed fixtures.

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.

LED Post Top Lighting

ENERGY SAVINGS

Catalog Number	LED Lamp Wattage	HID Wattage	Wattage Saved	Yearly Savings	5 Year Savings
LPT12/8XX/EXX/G3	12W	50W	38W	\$18	\$92
LPT18/8XX/EXX/G3	18W	70W	52W	\$25	\$125
LPT27W-8xx-Exx-G4	12W 18W 27W	50W 70W 100W	38W 52W 73W	\$18 \$25 \$35	\$92 \$125 \$176
LPT36W-850-Exx-G4	18W 27W 36W	70W 100W 150W	52W 73W 114W	\$25 \$35 \$55	\$125 \$176 \$275
LPT54W-8xx-Exx-G4	36W 45W 54W	150W 175W 250W	114W 130W 196W	\$55 \$63 \$94	\$275 \$313 \$472
LPT80W-850-E39-G4	54W 63W 80W	250W 275W 320W	193W 212W 240W	\$94 \$102 \$116	\$473 \$511 \$579
LPT100W-850-EX39-G4	63W 80W 100W	275W 320W 400W	212W 240W 300W	\$102 \$116 \$145	\$511 \$579 \$723
LPT120W-850-EX39-G4	80W 100W 120W	320W 400W 600W	240W 300W 480W	\$115 \$145 \$231	\$578 \$723 \$1,156

DIMENSIONS/WEIGHTS

Catalog Number	MOL	MOD	Weight	Minimum Compartment Size
LPT12/8xx/E26/G3	4.92"	2.56"	0.6 Lbs.	11.80" x 7.10" x 7.10"
LPT18/8xx/E26/G3	5.57"	2.56"	0.6 Lbs.	12.20" x 7.50" x 7.50"
LPT27W-8xx-E26-G4	6.81"	2.36"	0.6 Lbs.	13.39" x 7.87" x 7.87"
LPT27W-8xx-E39-G4	7.32"	2.36"	0.6 Lbs.	13.39" x 7.87" x 7.87"
LPT36W-850-E26-G4	7.56"	3.45"	1.2 Lbs.	14.96" x 7.87" x 7.87"
LPT36W-850-E39-G4	8.31"	3.45"	1.2 Lbs.	14.96" x 7.87" x 7.87"
LPT54W-8xx-E26-G4	9.09"	3.45"	1.4 Lbs.	16.54" x 8.27" x 8.27"
LPT54W-8xx-E39-G4	9.84"	3.45"	1.4 Lbs.	16.54" x 8.27" x 8.27"
LPT80W-850-E39-G4	9.84"	5.12"	3.3 Lbs.	13.39" x 7.87" x 7.87"
LPT100W-850-EX39-G4	10.4"	5.12"	3.2 Lbs.	16.54" x 9.05" x 9.05"
LPT120W-850-EX39-G4	11.26"	5.12"	3.4 Lbs.	17.32" x 10.24" x 10.24"

