

## LED CORN LAMP

### HID REPLACEMENT SERIES



### FEATURES:

- Wattages:
  - 36W, replaces 150W HID, 4,500 lumens (bare lamp), 3,500 lumens in fixture
  - 54W, replaces 250W HID, 6,700 lumens (bare lamp), 5,200 lumens in fixture
  - 120W, replaces 400W HID, 14,000 lumens (bare lamp), 12,300 lumens in fixture
- Universal voltage: 120V-277V, Ballast bypass
- Beam Degree: 360°
- Color Temperature: 4000K, 5000K
- Frequency: 50/60Hz
- Base: EX39 base
- CRI:  $\geq 82$
- Power factor:  $\geq 0.90$
- Instant on
- IP64
- Non-Dimmable
- Emits no UV light & mercury free
- Operating temperature of -40°F - 113°F
- Suitable for dry and damp locations
- Suitable for use in open and enclosed luminaires
- Vertical mounting operation only
- 5 year limited warranty
- 50,000 hour life
- 2.5kV surge protection for 36W & 54W, 4kV for 120W

### APPLICATIONS:

- Post Top Lighting
- Tear drop Lighting

#### MODEL SELECTION

Typical order example: 120PT50

FAMILY		COLOR TEMPERATURE	
36PT=	36W, LED Corn Lamp, EX39 base	40=	4000K
54PT=	54W, LED Corn Lamp, EX39 base	50=	5000K
120PT=	120W, LED Corn Lamp, EX39 base		

#### NOTES:

1. Tether Kit included for 120PT50
2. The lamps are suitable for enclosed fixtures, however ensure that there is adequate space around the device for heat dissipation.  
Min. compartment dimensions (54W & 120W): 16.14" L x 16.14" W x 15.35" H

#### CAUTIONS:

1. Suitable for use in dry or damp locations only. DO NOT use where directly exposed to liquid, vapor, rain.
2. The lamps requires all ballasts, capacitors, and starters to be bypassed or removed.
3. The lamps are not intended for use with emergency exits.
4. The lamps are not intended for use with dimmers or remote controls.
5. The lamps can be installed base-up or base-down operation only.

**SPECIFICATIONS:**

		36PTxx	54PTxx	120PTxx
ITEM	SPECIFICATION	DETAILS		
GENERAL PERFORMANCE	Input Power (W)	36	54	120
	Initial Lumens - <b>Bare Lamp</b>	4,500lm	6,700lm	14,000lm
	Efficacy (lm/W) - <b>Bare Lamp</b>	125	124	116
	Lumens Delivered - <b>In Fixture</b>	3400-3500lm	5000-5,200lm	12,000-12,300lm
	Efficacy (lm/W) - <b>In Fixture</b>	≥ 94.4	≥ 92.6	≥ 100
	Color Temperature	4000k - 5000K		
	Lumen Maintenance (L70)	50,000 Hours		
	Color Rendering Index (CRI)	≥ 82		
ELECTRICAL	Input Voltage (V)	120-277V		
	Power Factor	≥ 0.90		
	Surge Protection	2.5kV	2.5kV	4kV
PHYSICAL	Base Type	EX39 mogul		
	Operating Temperature	-40°F - 113°F		
QUALIFICATION	Qualification	DLC 4.2, cULus, LM80		
	Environment	Dry, damp, enclosed rated		
	Material Usage	RoHS compliant; no mercury		
	Warranty	5 years		

**ORDERING:**

ORDER CODE	MODEL	NOMINAL POWER (W)	HID REPLACEMENT	CCT	DIMENSION (MOL. x DIA.)	MASTER CASE QTY
14099702	36PT40	36	150W HID	4000K	9.35" x 3.58"	12pcs
14099578	36PT50			5000K		
14099703	54PT40	54	250W HID	4000K	10.5" x 3.58"	12pcs
14099579	54PT50			5000K		
14099704	120PT40	120	400W HID	4000K	12.14" x 5.89"	4pcs
14099580	120PT50			5000K		