



# LED HID Replacement Corn Cob Lamps

## Product Specifications



TCP's energy efficient LED HID Replacement Corn Cob lamps are an excellent choice for replacing traditional high-intensity discharge lamps. Damp location rated and designed for indoor/outdoor use where low maintenance and high lumen output is required.

### Reasons to choose the LED HID Replacement Corn Cob Lamps from TCP

- Uses less energy than high-intensity discharge products
- 50,000 hour life minimizes maintenance costs
- UL approved for damp locations
- 360° beam angle for full light distribution
- Isolated driver for better heat dissipation and eliminating the need for a ballast
- Surge protection - all lamps have 4kV surge protection
- Controls - several lamps can use daylight sensing, motion sensing, or 3-in-1 dimming to control when lamps are on/off
- Rated for enclosed fixtures

### Ideal Fixture for Lamp Replacements

- Canopies
- Round High & Low Bays
- Post Tops
- Acorns

### Typical Applications

- Warehouses
- Parking Lots
- Street Lights
- Industrial Lighting

### Specifications:

Color Temperatures .....4000K, 5000K  
 Wattage Replacements .... 50W, 75W, 100W, 175W,  
 200W, 250W, 300W, 320W, 400W, 500W  
 Input Line Voltage ..... 100-277  
 Input Line Frequency..... 50/60HZ

Lamp Life (Rated) ..... 50,000 hours  
 Minimum Starting Temp ..... -40°C  
 Maximum Operating Temp..... 60°C  
 CRI ..... ≥ 85  
 Surge Protection ..... 4kV



\*Based on 12 hours use per day



# LED HID Replacement Corn Cob Lamps

## Specifications

ITEM#	DESCRIPTION	HID WATT EQUIV	WATTAGE	LUMENS	CRI	COLOR TEMP	DIA (in)	MOL (in)	MIN ENCLOSURE DIMENSION (INCHES)	BASE	ABLE TO USE SENSOR?
<b>LED HID Corn Cob Lamp Series -120-277 VAC</b>											
<b>50W LED HID</b>											
L12HE265040K	LED 12W MH50 E26 40K	50	12	1500	85	4000	2.36	4.99	7.87" L x 7.87"	E26	NO
L12HE265050K	LED 12W MH50 E26 50K	50	12	1500	85	5000	2.36	4.99	7.87" L x 7.87"	E26	NO
<b>75W LED HID</b>											
L18HE265050K	LED 18W MH75 E26 50K	75	18	2250	85	5000	2.36	5.75	7.87" L x 7.87"	E26	NO
<b>100W LED HID</b>											
L27HE265040K	LED 27W MH100 E26 40K	100	27	3375	85	4000	2.36	x 6.5	7.87" L x 7.87"	E26	NO
L27HE265050K	LED 27W MH100 E26 50K	100	27	3375	85	5000	2.36	x 6.5	7.87" L x 7.87"	E26	NO
<b>175W LED HID</b>											
L36HE265050K	LED 36W MH175 E26 50K	175	36	4500	85	5000	3.35	7.94	7.87" L x 7.87"	E26	YES
<b>200W LED HID</b>											
L45HE265040K	LED 45W MH200 E26 40K	200	45	5625	85	4000	3.35	9.12	7.87" L x 7.87"	E26	YES
L45HE265050K	LED 45W MH200 E26 50K	200	45	5625	85	5000	3.35	9.12	7.87" L x 7.87"	E26	YES
L45HEX395040K	LED 45W MH200 EX39 40K	200	45	5625	85	4000	3.35	9.24	7.87" L x 7.87"	EX39	YES
L45HEX395050K	LED 45W MH200 EX39 50K	200	45	5625	85	5000	3.35	9.24	7.87" L x 7.87"	EX39	YES
<b>250W LED HID</b>											
L54HEX395040K	LED 54W MH250 EX39 40K	250	54	6750	85	4000	3.35	9.24	7.87" L x 7.87"	EX39	YES
L54HEX395050K	LED 54W MH250 EX39 50K	250	54	6750	85	5000	3.35	9.24	7.87" L x 7.87"	EX39	YES
<b>300W LED HID</b>											
L63HEX395040K	LED 63W MH300 EX39 40K	300	63	7875	85	4000	3.53	9.71	7.87" L x 7.87"	EX39	YES
L63HEX395050K	LED 63W MH300 EX39 50K	300	63	7875	85	5000	3.53	9.71	7.87" L x 7.87"	EX39	YES
<b>320W LED HID</b>											
L80HEX395040K	LED 80W MH320 EX39 40K	320	80	10000	85	4000	5.11	9.69	9.84" L x 9.84"	EX39	YES
L80HEX395050K	LED 80W MH320 EX39 50K	320	80	10000	85	5000	5.11	9.69	9.84" L x 9.84"	EX39	YES
<b>400W LED HID</b>											
L100HEX395040K	LED 100W MH400 EX39 40K	400	100	12500	85	4000	5.11	10.28	9.84" L x 9.84"	EX39	YES
L100HEX395050K	LED 100W MH400 EX39 50K	400	100	12500	85	5000	5.11	10.28	9.84" L x 9.84"	EX39	YES
<b>500W LED HID</b>											
L120HEX395040K	LED 120W MH500 EX39 40K	500	120	15000	85	4000	5.11	11.1	9.84" L x 9.84"	EX39	YES
L120HEX395050K	LED 120W MH500 EX39 50K	500	120	15000	85	5000	5.11	11.1	9.84" L x 9.84"	EX39	YES

## ADAPTERS

Item Number	Description
ADAPTERE26E39	E26 TO E39 ADAPTER
ADAPTEREX39E26	E39 TO E26 ADAPTER



ADAPTERE26E39



ADAPTEREX39E26



## LED HID Corn Cob Lamp Installation and Instruction Guide

**WARNING! RISK OF ELECTRIC SHOCK! DISCONNECT POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING!**

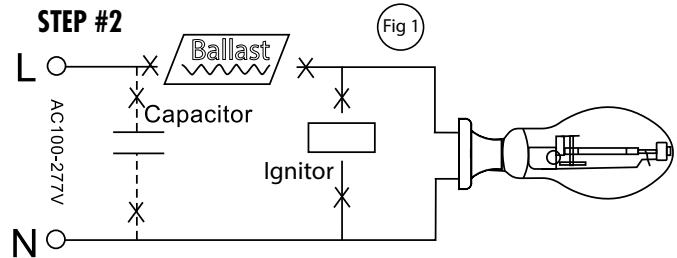
### STEP #1



**POWER OFF**

TURN OFF POWER AT CIRCUIT BREAKER to prevent risk of electric shock.

### STEP #2

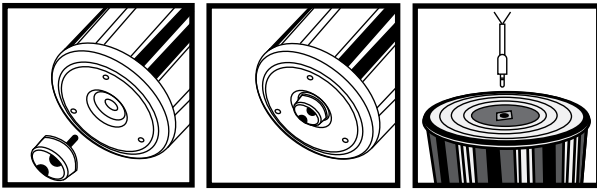


Remove old ballast or disconnect from existing lamp holder. Remove and dispose of ballast in correct manner (also disconnect any other components such as ignitors, starters, capacitors). Shown as Figure 1.

### STEP #3 (OPTIONAL)

Fig 2

Fig 3



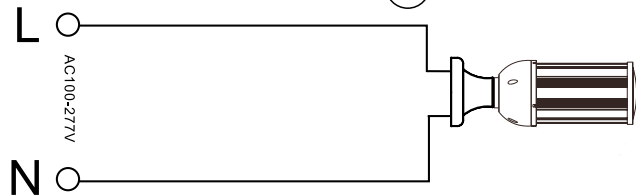
**Sensor Installation**

**3 In 1 Dimming Wire Installation**

Sensor or 3 in 1 dimming wire installation. Connect as shown in Figure 2 and 3. The sensor/wire should be connected before the lamp is installed. Connect dimming wire to manufacturer's dimming system as per instructions.

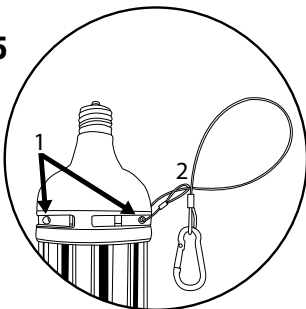
### STEP #4

Fig 4



Reconnect directly to the existing lamp holder. Install new LED replacement lamp. Shown as Figure 4. Please make sure old socket is correctly grounded.

### STEP #5



If lamp being installed is over 60w, attach provided tether cable to lamp. Locate either entry hole(1) on lamp shown in diagram and feed looped end of tether cable(2) through hole. You may need to crimp with pliers first. Once through, take end with grappling clip through loop as shown, tighten and secure clip to safe location.

### STEP #6

This luminaire has been modified to operate LED lamps. Do not attempt to install or operate HID lamps or Compact Fluorescent Luminaires in this luminaire. In the future, use only bypass lamps.

**LED RETROFIT LUMINAIRE CONVERSION**  
FOR USE ONLY WITH PRODUCTS DESCRIBED AND INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED WITH THE RETROFIT KIT (E353692)  
Order at [www.tcpi.com](http://www.tcpi.com)

**REPLACEMENT LAMP:**  
LXCCCE26UYK ("XX" = 12W & 18W & 27W & 36W & 45W & 54W & 63W & 100W & 120W)  
LXCCCEX39UYK ("XX" = 45W & 54W & 63W & 100W & 120W)  
LXCCCE28HYK ("XX" = 36W)  
LXCCCEX39HYK ("XX" = 54W 100W)

Please apply included label to retrofitted luminaire in a visible location.

### STEP #7



**POWER ON**

TURN ON POWER AT CIRCUIT BREAKER

# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit [tcp.com](http://tcp.com)

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