

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 85% less energy than high-intensity discharge products
- 50,000 hour life minimizes maintenance costs
- UL approved for damp locations and rated for enclosed fixtures
- 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
- Pair with HID Replacement Accessories to add features such as motion sensing, natural light detection, and to connect to an external O-10, PWVM, or resistance dimming system

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, 3	00W, 320W, 400W, 500W
Input Line Voltage	100-277, 277-480VAC
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









LED HID Corn Cob Lamps

Specifications



ITEM #	DESCRIPTION	DLC	HID WATT EQUIVALENT	VOLTAGE	WATTAGE	LUMENS	CRI	COLOR TEMP	MOL (inches)	DIA (inches)	MIN ENCLOSURE DIMENSION (INCHES)	BASE	HID REPLACEMENT LAMP ACCESSORIES
LED HID Corn	Cob Lamp Series - 100-277 VAC												
50W LED HID													
L12CCE26U40K	COB 12W HID50 E26 40K 120V		50	100-277	12	1800	85	4000K	4.9	2.3	N/A	E26	NO
L12CCE26U50K	COB 12W HID50 E26 50K 120V		50	100-277	12	1800	85	5000K	4.9	2.3	N/A	E26	NO
75W LED HID													
L18CCE26U40K	COB 18W HID75 E26 40K 120V		<i>7</i> 5	100-277	18	2700	85	4000K	5.7	2.3	N/A	E26	NO
L18CCE26U50K	COB 18W HID75 E26 50K 120V		75	100-277	18	2700	85	5000K	5.7	2.3	N/A	E26	NO
100W LED HID													
L27CCE26U40K	COB 27W HID100 E26 40K 120V		100	100-277	27	4050	85	4000K	6.5	2.3	N/A	E26	NO
L27CCE26U50K	COB 27W HID100 E26 50K 120V		100	100-277	27	4050	85	5000K	6.5	2.3	N/A	E26	NO
175W LED HID													
L36CCE26U40K	COB 36W HID175 E26 40K 120V		175	100-277	36	5400	85	4000K	7.9	3.3	N/A	E26	YES
L36CCE26U50K	COB 36W HID175 E26 50K 120V		175	100-277	36	5400	85	5000K	7.9	3.3	N/A	E26	YES
200W LED HID													
L45CCE26U40K	COB 45W HID200 E26 40K 120V		200	100-277	45	6750	85	4000K	9.1	3.3	N/A	E26	YES
L45CCE26U50K	COB 45W HID200 E26 50K 120V		200	100-277	45	6750	85	5000K	9.1	3.3	N/A	E26	YES
L45CCEX39U40K	COB 45W HID200 EX39 40K 120V	*	200	100-277	45	6750	85	4000K	9.2	3.3	N/A	EX39	YES
L45CCEX39U50K	COB 45W HID200 EX39 50K 120V	*	200	100-277	45	6750	85	5000K	9.2	3.3	N/A	EX39	YES
250W LED HID													
L54CCEX39U40K	COB 54W HID250 EX39 40K 120V	*	250	100-277	54	8100	85	4000K	9.1	3.3	7.87" L x 7.87"	EX39	YES
L54CCEX39U50K	COB 54W HID250 EX39 50K 120V	*	250	100-277	54	8100	85	5000K	9.2	3.3	7.87" L x 7.87"	EX39	YES
300W LED HID													
L63CCEX39U40K	COB 63W HID300 EX39 40K 120V	*	300	100-277	63	9450	85	4000K	9.7	3.5	7.87" L x 7.87"	EX39	YES
L63CCEX39U50K	COB 63W HID300 EX39 50K 120V	*	300	100-277	63	9450	85	5000K	9.7	3.5	7.87" L x 7.87"	EX39	YES
320W LED HID													
L80CCEX39U40K	COB 80W HID320 EX39 40K 120V	*	320	100-277	80	12000	85	4000K	9.6	5.1	9.84"x 9.84"	EX39	YES
L80CCEX39U50K	COB 80W HID320 EX39 50K 120V	*	320	100-277	80	12000	85	5000K	9.6	5.1	9.84"x 9.84"	EX39	YES
400W LED HID													
L100CCEX39U40K		*	400	100-277	100	15000	85	4000K	10.2	5.1	9.84"x 9.84"	EX39	YES
L100CCEX39U50K		*	400	100-277	100	15000	85	5000K	10.2	5.1	9.84"x9.84"	EX39	YES
500W LED HID													
L120CCEX39U40K		*	500	100-277	120	18000	85	4000K	11.1	5.1	9.84"x 9.84"	EX39	YES
L120CCEX39U50K	COB 120W HID500 EX39 50K 120V	*	500	100-277	120	18000	85	5000K	11.1	5.1	9.84"x 9.84"	EX39	YES

 $^{{}^{\}star}\; \text{DLC qualified product at time of printing, consult designlights.org for the most up-to-date listing}$











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INDICATES BREX EXPRESS



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LED HID Corn C	Cob Lamp Series - 277-480 VAC												
175W LED HID													
L36CCE26H40K	COB 36W HID175 E26 40K 480V		175	277-480	36	5400	85	4000K	7.9	3.3	N/A	E26	NO
L36CCE26H50K	COB 36W HID175 E26 50K 480V		175	277-480	36	5400	85	5000K	7.9	3.3	N/A	E26	NO
250W LED HID													
L54CCEX39H40K	COB 54W HID250 EX39 40K 480V	*	250	277-480	54	8100	85	4000K	9.2	3.3	7.87″ L x 7.87″	EX39	NO
L54CCEX39H50K	COB 54W HID250 EX39 50K 480V	*	250	277-480	54	8100	85	5000K	9.2	3.3	7.87" L x 7.87"	EX39	NO
400W LED HID													
L100CCEX39H40K	COB 100W HID400 EX39 40K 480V	*	400	277-480	100	15000	85	4000K	10.2	5.1	9.84''x 9.84''	EX39	NO
L100CCEX39H50K	COB 100W HID400 EX39 50K 480V	*	400	277-480	100	15000	85	5000K	10.2	5.1	9.84"x 9.84"	EX39	NO

^{*} DLC qualified product at time of printing, consult designlights.org for the most up-to-date listing

ADAPTERS

Item Number	Description
ADAPTERE26E39	E26 TO E39 ADAPTER
ADAPTERE39E26	E39 TO E26 ADAPTER





HID REPLACEMENT LAMP ACCESSORIES

Item Number	Name	Description
LHSMW001	Microwave Motion Sensor	When connected to a lamp, provides Motion Detection through objects and walls
LHSIROO1	PIR Motion Sensor	When connected to a lamp, provides Motion Detection and Daylight Sensing
LHSDLOO1	Daylight Sensor	When connected to a lamp, provides Natural Light Detection
LHDW001	3 in 1 Dimming Wire	Use to connect lamps to an external 0-10V, PWM, and resistance dimming system

^{*}See the HID Replacement Lamp Accessories Specification Sheet for more information.



















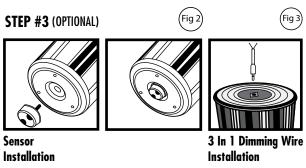
LED HID Corn Cob Lamps

LED HID Corn Cob Lamp Installation and Instruction Guide

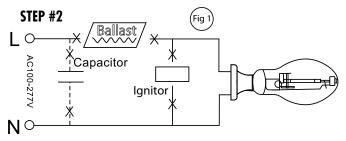
WARNING! RISK OF ELECTRIC SHOCK! DISCONNECT POWER AT FUSE OR CIRCUIT BREAKER BEFORE INSTALLING OR SERVICING!



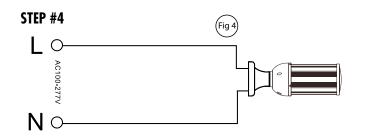
TURN OFF POWER AT CIRCUIT BREAKER to prevent risk of electric shock.



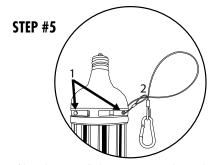
HID Replacement Lamp Accessories Installation
Connect as shown in Figure 2 and 3.
The sensor/wire should be connected before the lamp is installed.
Connect dimming wire to manufacturer's dimming system as per instructions.



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.



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



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



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



TURN ON POWER AT CIRCUIT BREAKER







