



LED HID Replacement Area Lamps

Product Specifications



TCP's energy efficient LED HID Replacement Area 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 Area lamps from TCP

- Uses less energy than high-intensity discharge products
- 50,000 hour life minimizes maintenance costs
- UL approved for damp locations
- Rated for enclosed fixtures
- 1800° beam angle directs the light where it needs to go
- 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
- Isolated driver for better heat dissipation and eliminating the need for a ballast

Ideal Fixture for Lamp Replacements

- Canopies
- Wall Packs
- Shoeboxes
- Cobra Heads
- Flood Lights

Typical Applications

- Parking Lots
- Roadways
- Street Lights
- Landscaping
- Exterior Building Lighting

Specifications:

Color Temperatures4000K, 5000K
 Wattage Replacements ..100W, 200W, 250W, 320W, 400W
 Input Line Voltage 100-277 VAC
 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 Replacement Area Lamp Installation and Instruction Guide

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

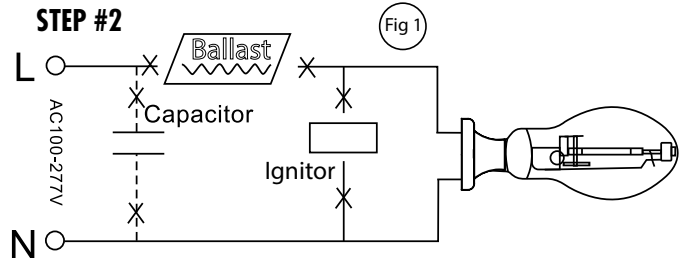
STEP #1



POWER OFF

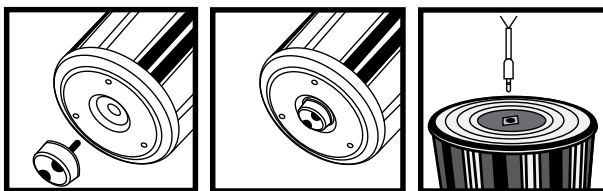
TURN OFF POWER AT CIRCUIT BREAKER to prevent risk of electric shock.

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)



Sensor Installation

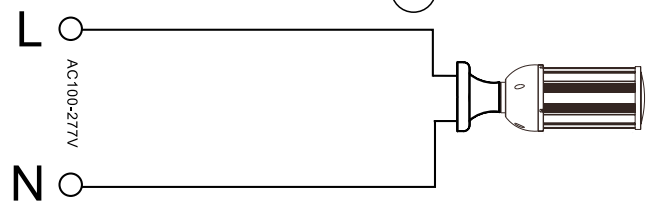
3 In 1 Dimming Wire Installation

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



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

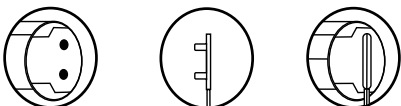
STEP #5

Horizontal lamp support installation

For face-down installation use the two-legged support and cut to desired length.



For face-out installation use the one-legged support and cut to desired length.



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

REPLACEMENT LAMP:
 LXXAREXUYK ("XX" = 20W & 40W & 60W & 80W & 110W) ("YY" = 40 & 50)

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

STEP #7



POWER ON

TURN ON POWER AT CIRCUIT BREAKER

Specifications



L20AREX39UxxK



L40AREX39UxxK



L60AREX39UxxK



L80AREX39UxxK



L110AREX39UxxK

ITEM #	DESCRIPTION	DLC	HID WATT EQUIVALENT	VOLTAGE	WATTAGE	LUMENS	CRI	COLOR TEMP	MOL (inches)	DIA (inches)	MIN ENCLOSURE DIMENSION (INCHES)	BASE	3 IN 1 DIMMING/ SENSORS
LED HID Replacement Area Lamp Series - 120-277 VAC													
100W LED HID													
L20ARE26U40K	AREA 20W HID100 E26 40K 120V		100	100-277	20	3000	85	4000K	5.8	3.6	9.84"x 9.84"	E26	NO
L20ARE26U50K	AREA 20W HID100 E26 50K 120V		100	100-277	20	3000	85	5000K	5.8	3.6	9.84"x 9.84"	E26	NO
200W LED HID													
L40AREX39U40K	AREA 40W HID200 EX39 40K 120V		200	100-277	40	6000	85	4000K	8.4	3.6	9.84"x 9.84"	EX39	NO
L40AREX39U50K	AREA 40W HID200 EX39 50K 120V		200	100-277	40	6000	85	5000K	8.4	3.6	9.84"x 9.84"	EX39	NO
250W LED HID													
L60AREX39U40K	AREA 60W HID250 EX39 40K 120V		250	100-277	60	9000	85	4000K	10.6	3.6	9.84"x 9.84"	EX39	NO
L60AREX39U50K	AREA 60W HID250 EX39 50K 120V		250	100-277	60	9000	85	5000K	10.6	3.6	9.84"x 9.84"	EX39	NO
320W LED HID													
L80AREX39U40K	AREA 80W HID250 EX39 40K 120V		320	100-277	80	11200	85	4000K	8.7	4.3	11.02"x11.02"	EX39	YES
L80AREX39U50K	AREA 80W HID250 EX39 50K 120V		320	100-277	80	11200	85	5000K	8.7	4.3	11.02"x11.02"	EX39	YES
400W LED HID													
L110AREX39U40K	AREA 110W HID400 EX39 40K 120V		400	100-277	110	15400	85	4000K	11	4.3	11.02"x11.02"	EX39	YES
L110AREX39U50K	AREA 110W HID400 EX39 50K 120V		400	100-277	110	15400	85	5000K	11	4.3	11.02"x11.02"	EX39	YES

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

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