KEYSTONE
SINCE 1945
LIGHT MADE EASY
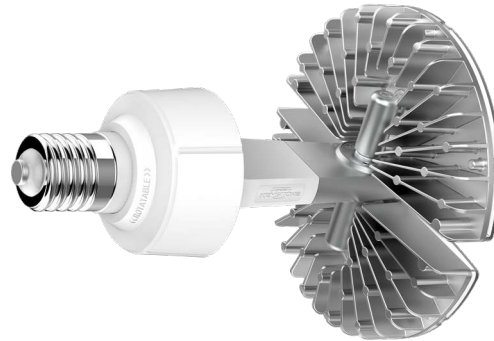
OMNIFLEX

DIRECT
DRIVE
HID LED

KT-LED70HID-ADJ-EX39-8XX-D
MULTI-ANGLE ADJUSTABLE LAMP

DESCRIPTION

Multi-Angle Adjustable Lamp **|** Smart Port Sensor Compatible

APPLICATION

Used for low bay/high bay, post top, and shoebox applications

c UL us LISTED   DLC LISTED   RoHS Compliant   NLB TRUSTED WARRANTY   5 YEAR WARRANTY


PRODUCT FEATURES

- Replacement for 250W metal halide lamp
- 50,000+ hour lifetime
- Environmentally friendly: No mercury used
- Instant startup
- UL Listed
- Operating Temperature: −30ºC/−22ºF to 45ºC/113ºF

- Integral driver, eliminates the need for external driver or ballas; includes 4kV surge protection
- Suitable for use in enclosed fixtures
- Do not use with standard dimmers. Not compatible with phase dimmers. Dimming functions with sensors only

PERFORMANCE SPECIFICATIONS

Catalog Number	Wattage	CCT	Lumen Output*	Efficacy	Input Voltage	Base	DLC	CRI	Metal Halide Equivalent
KT-LED70HID-ADJ-EX39-830-D	70W	3000K	9,660	138 lm/W	120–277V	EX39	Yes	≥ 80	250W MH
KT-LED70HID-ADJ-EX39-840-D	70W	4000K	10,150	145 lm/W	120–277V	EX39	Yes	≥ 80	250W MH
KT-LED70HID-ADJ-EX39-850-D	70W	5000K	10,500	150 lm/W	120–277V	EX39	Yes	≥ 80	250W MH

* Based off of total lamp lumens

PHYSICAL SPECIFICATIONS
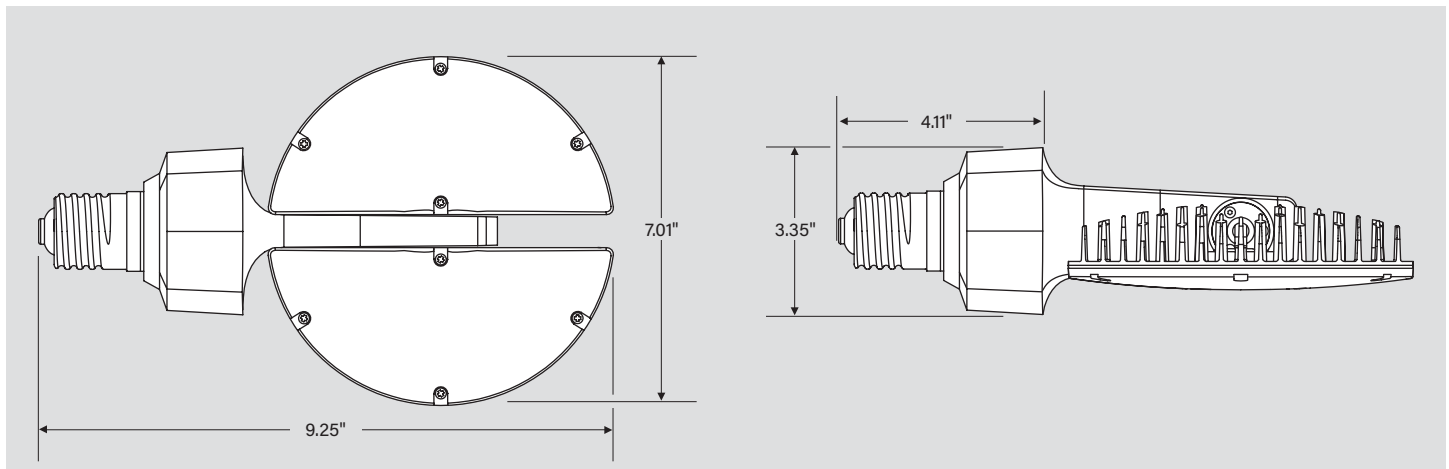
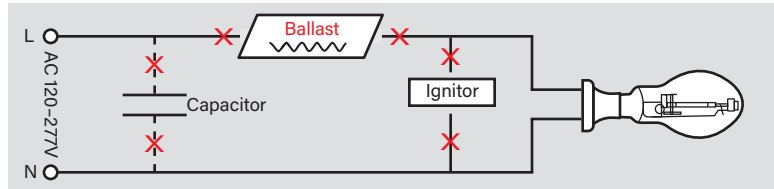# KT-LED70HID-ADJ-EX39-8XX-D
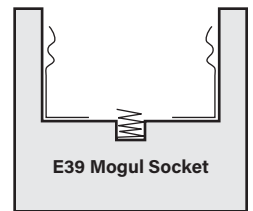## MULTI-ANGLE ADJUSTABLE LAMP

WIRING INSTRUCTIONS

STEP 1
Turn off the power before installation.

STEP 2
Remove the old ballast, capacitor, and igniter, if applicable.
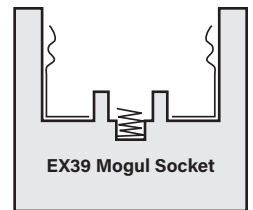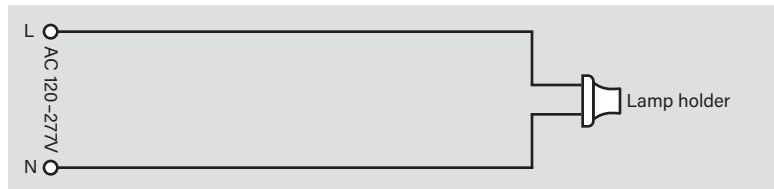

L — AC 120–277V — N
Capacitor | Ballast | Ignitor

EX39-based lamps will work in *both* **E39** and **EX39** sockets.

E39 Mogul Socket

STEP 3
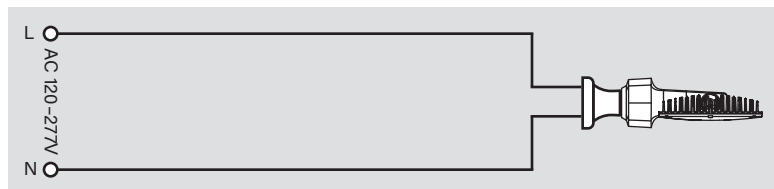Make sure AC wires connect to EX39 socket directly.

L — AC 120–277V — N
Lamp holder

STEP 4
Screw the LED lamp into the corresponding socket.

L — AC 120–277V — N

EX39 Mogul Socket

STEP 5
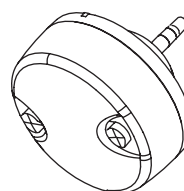Turn on power to confirm lamp is operating as intended.
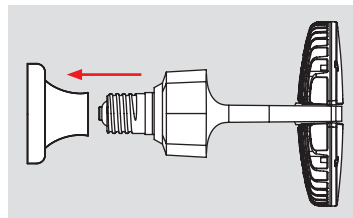
SMART PORT LED
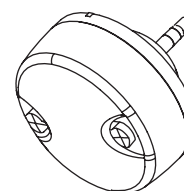Operate as a standard lamp or insert interchangable modules into the Smart Port to enhance lamp functionality.

Note: When using Smart Port, refer to installation instructions included with sensors.
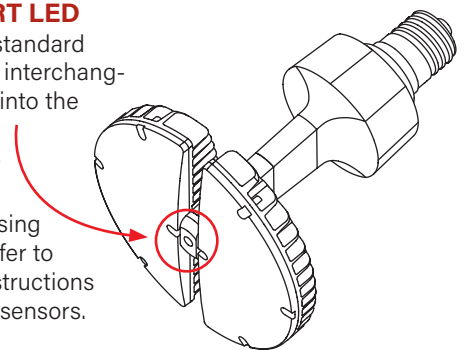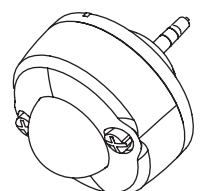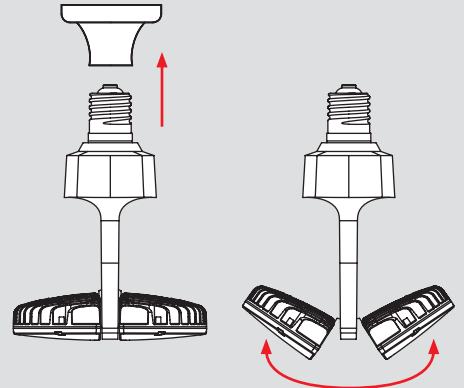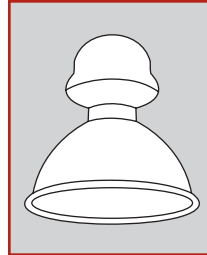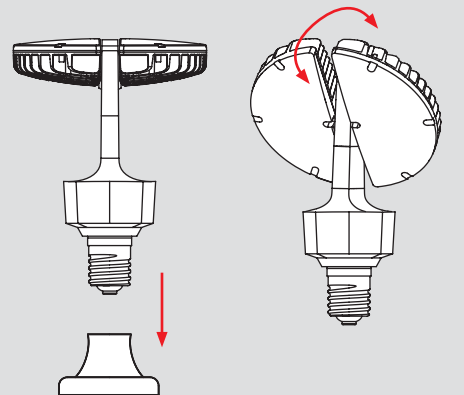

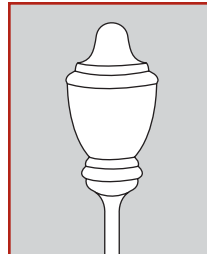**PHOTOCELL**   **MICROWAVE**   **PIR**

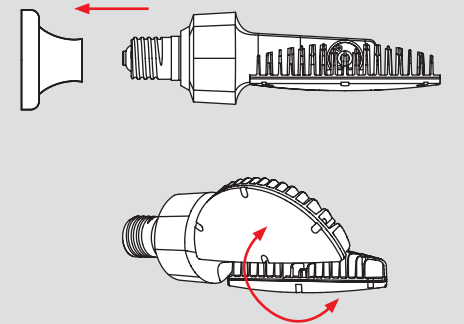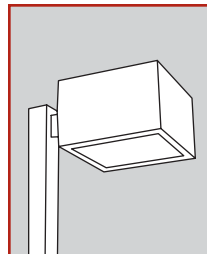# KT-LED70HID-ADJ-EX39-8XX-D
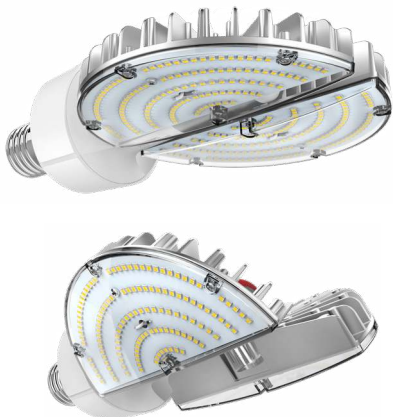## MULTI-ANGLE ADJUSTABLE LAMP

APPLICATIONS

LOW BAY/HIGH BAY
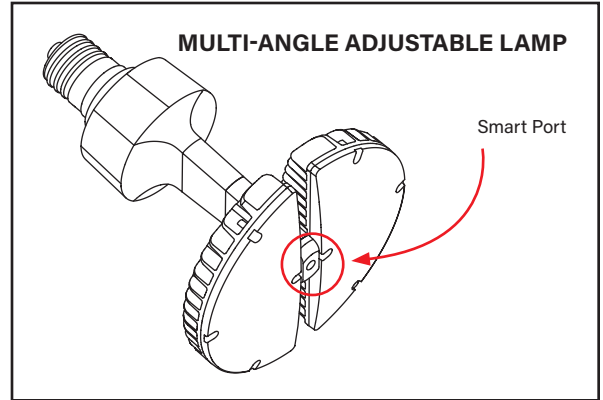

POST TOP

SHOEBOX

KT-LED70HID-ADJ-EX39-8XX-D
MULTI-ANGLE ADJUSTABLE LAMP

ADAPTER
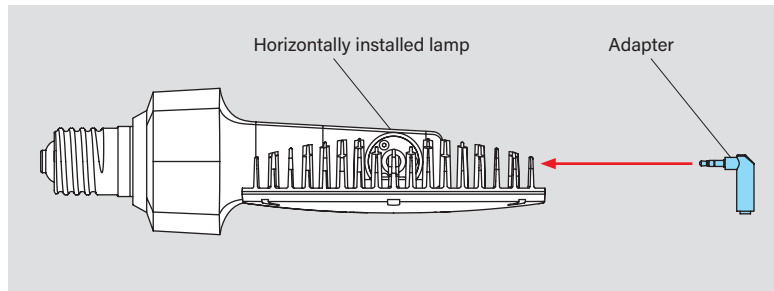
Adapter included with Multi-Angle Adjustable Lamp.

For use with Smart Port LED Sensors when lamp is installed in a horizontal application.

MULTI-ANGLE ADJUSTABLE LAMP
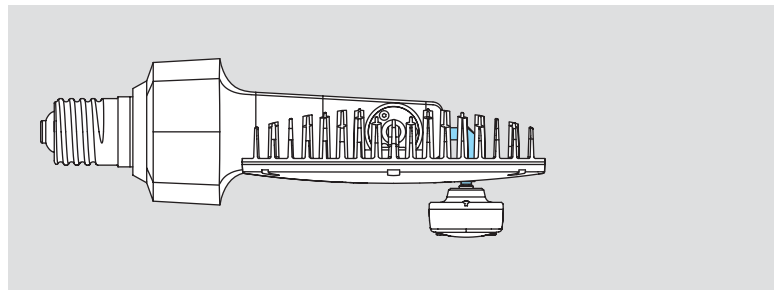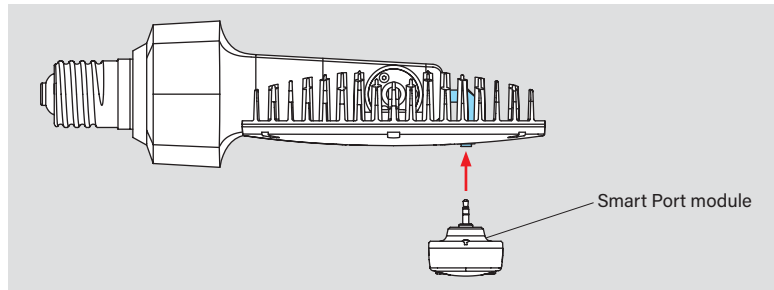
Smart Port

Installation Instructions

STEP 1
Insert adapter into Smart Port.

Horizontally installed lamp   Adapter

STEP 2
Insert Smart Port module into adapter.

Smart Port module
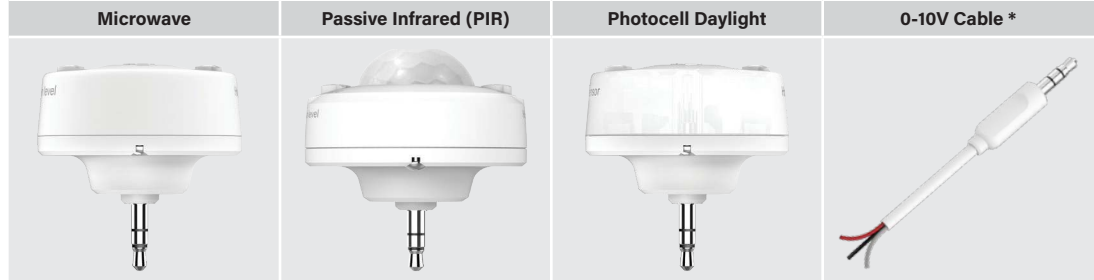
KT-LED70HID-ADJ-EX39-8XX-D
MULTI-ANGLE ADJUSTABLE LAMP

SMART PORT LED

On the top of the lamp is a low-voltage AUX port for lamp level sensor controls.

SMART PORT LED AUX SENSORS

Microwave	Passive Infrared (PIR)	Photocell Daylight	0-10V Cable *

* For use with continuous dimming applications.

ORDERING INFORMATION

Catalog Number	Pack Quantity	UPC	Easy Code	DLC PRODUCT ID
KT-LED70HID-ADJ-EX39-830-D	8	843654127170	UVL-68	P4V1G1E8
KT-LED70HID-ADJ-EX39-840-D	8	843654127187	PVE-18	PL03Z1M6
KT-LED70HID-ADJ-EX39-850-D	8	843654127194	XYD-18	P3OL5CG7

CATALOG NUMBER BREAKDOWN

KT-LED70HID-ADJ-EX39-8XX-D

1 2 3 4 5 6 7 8 9

1 Keystone Technologies
2 LED Lamp
3 Wattage
4 Lamp Type
5 Adjustable Angle
6 Base Type
7 800 Series
8 Color Temperature
9 Direct Drive