KEYSTONE
SINCE 1945
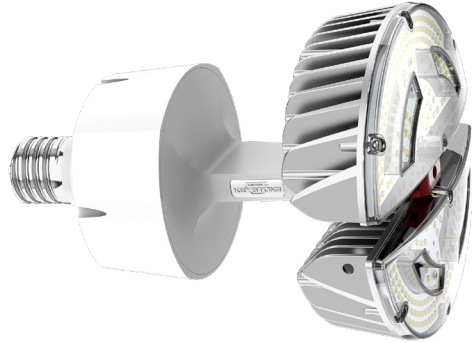LIGHT MADE EASY

OMNIFLEX

DIRECT DRIVE HID LED

KT-LED100HID-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

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

PRODUCT FEATURES
- Replacement for 400W 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	Input Voltage	Wattage	Legacy Equivalent Wattage	Color Temperature	Lumen Output*	CRI	Power Factor	Efficacy
KT-LED100HID-ADJ-EX39-840-D	120–277V	100W	400W Metal Halide	4000K	13,400 lm	≥80.0	≥0.9	134 lm/W
KT-LED100HID-ADJ-EX39-850-D	120–277V	100W	400W Metal Halide	5000K	14,000 lm	≥80.0	≥0.9	140 lm/W

* Based off of total lamp lumens

PHYSICAL SPECIFICATIONS

7.0"
12.37"
1.77"
4.62"
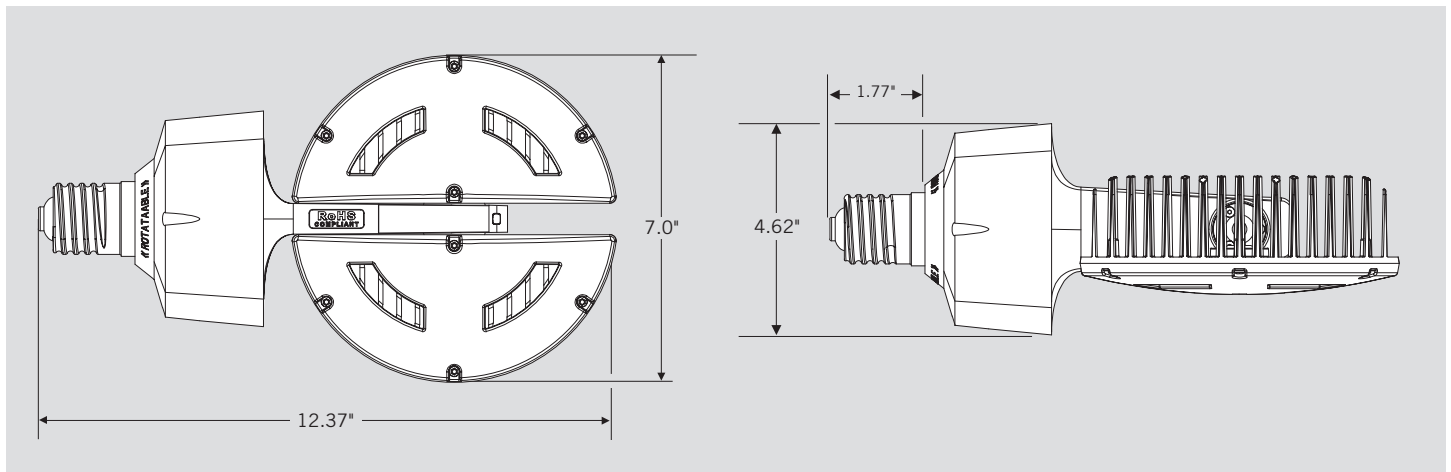
KT-LED100HID-ADJ-EX39-8XX-D
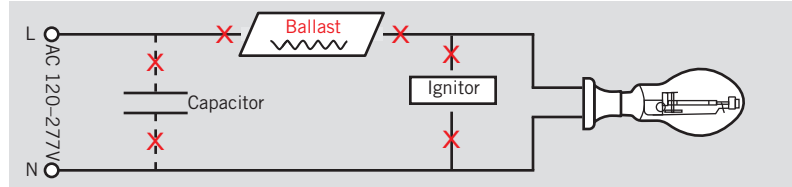## MULTI-ANGLE ADJUSTABLE LAMP

WIRING INSTRUCTIONS

STEP 1
Turn off the power before installation.

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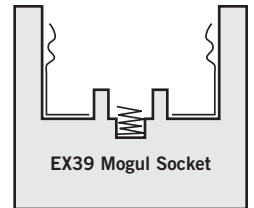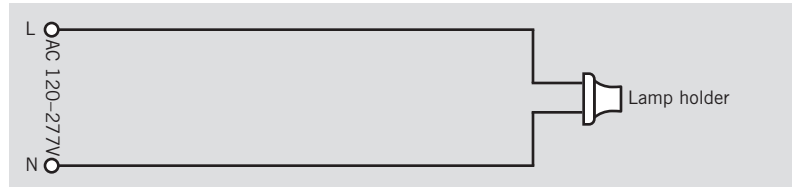Remove the old ballast, capacitor, and igniter, if applicable.

AC 120–277V — L — N

Ballast

Capacitor

Ignitor

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

E39 Mogul Socket
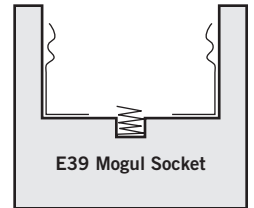
STEP 3
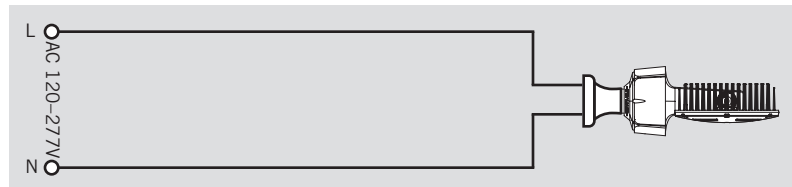Make sure AC wires connect to EX39 socket directly.

AC 120–277V — L — N

Lamp holder

EX39 Mogul Socket

STEP 4
Screw the LED lamp into the corresponding socket.

AC 120–277V — L — N
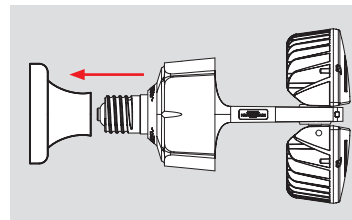
STEP 5 (OPTIONAL)
Connect 0-10V dimming signal to the lamp via the smartport receptacle on the top of the lamp and with the wiring accessory KT-10V-C-AUX (sold separetly.)

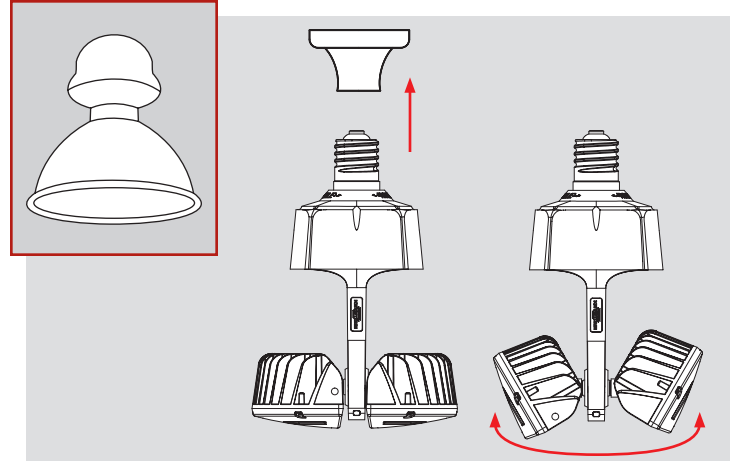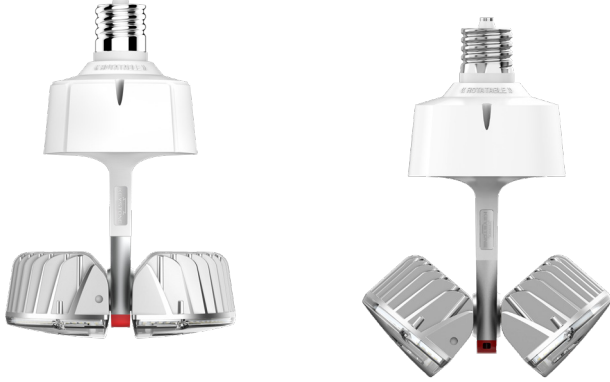AC 120–277V — L — N

0-10V +

0-10V –

KT-10V-C-AUX
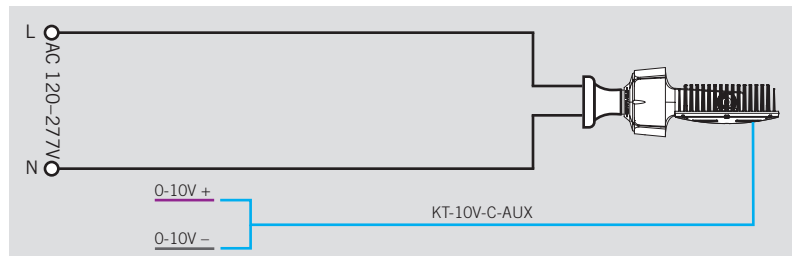
STEP 6
Turn on power to confirm lamp is operating as intended.

KT-LED100HID-ADJ-EX39-8XX-D
MULTI-ANGLE ADJUSTABLE LAMP

APPLICATIONS

LOW BAY/HIGH BAY
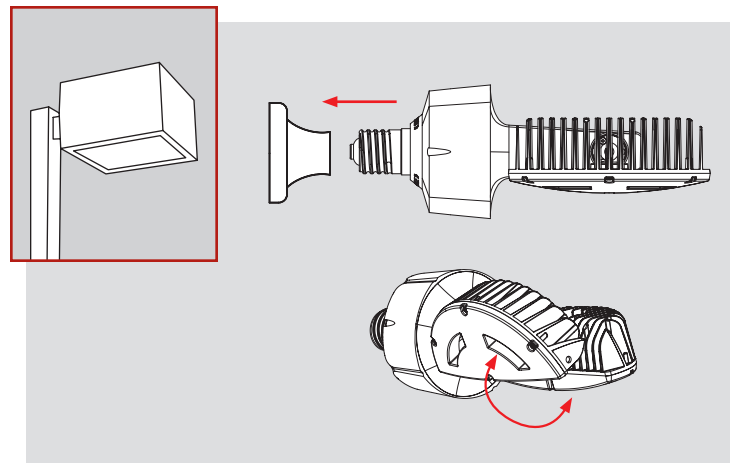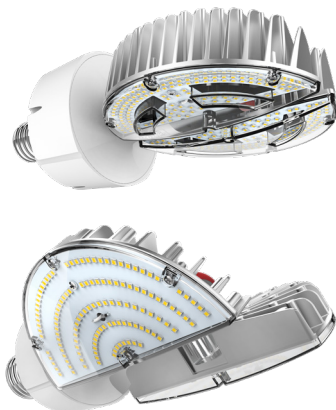

POST TOP

SHOEBOX

![Keystone Light Made Easy logo - Since 1945] | ![OmniFlex logo] | ![Direct Drive HID LED logo]
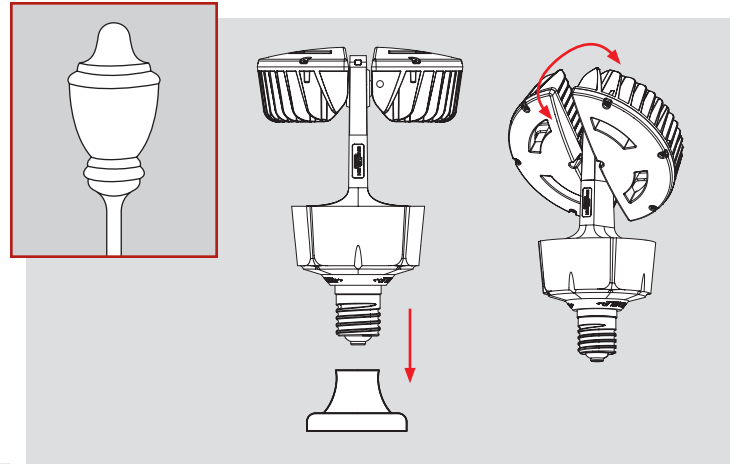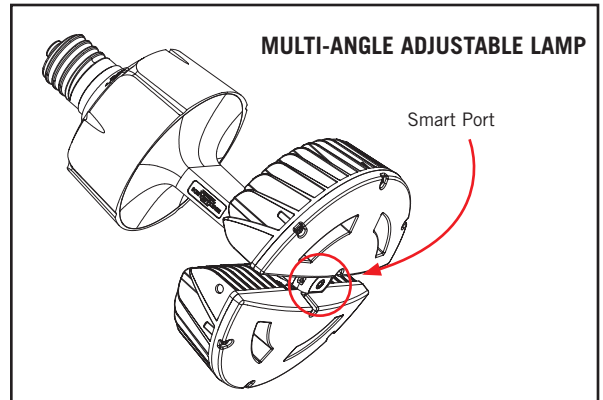
KT-LED100HID-ADJ-EX39-8XX-D
MULTI-ANGLE ADJUSTABLE LAMP

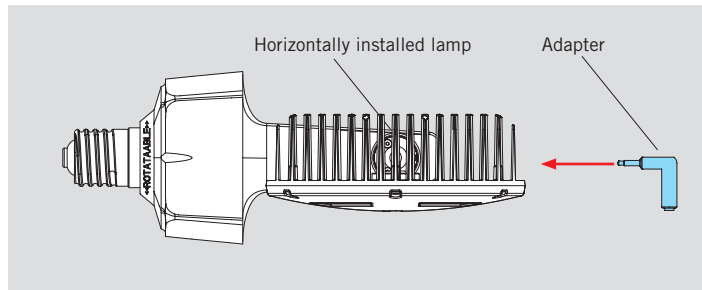## ADAPTER

Adapter included with Multi-Angle Adjustable Lamp.

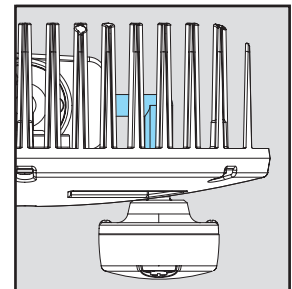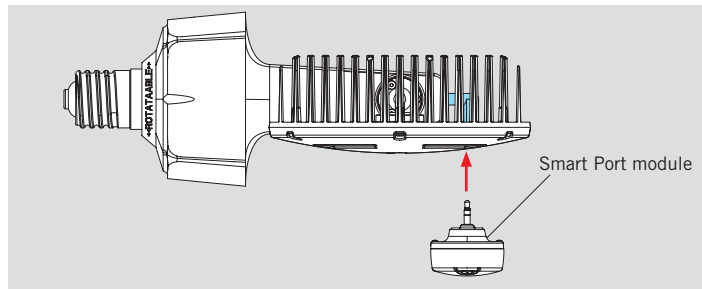For use with Smart Port LED Sensors when lamp is installed in a horizontal application.

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.
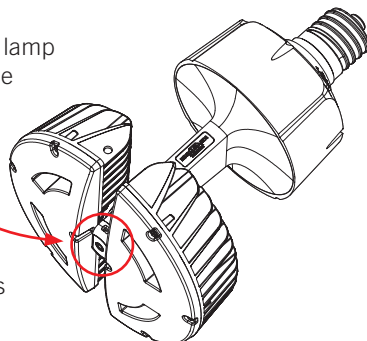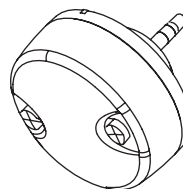

Smart Port module

SMART PORT LED

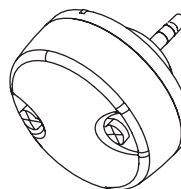Operate as a standard lamp or insert interchangable modules into the Smart Port to enhance lamp functionality.

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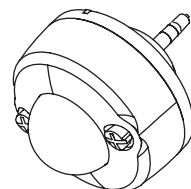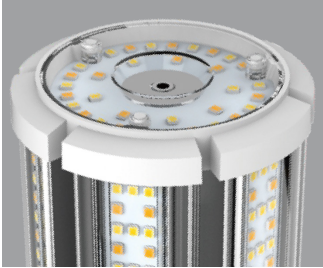

| PHOTOCELL | MICROWAVE | PIR |

KT-LED100HID-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	Easy Code	UPC
KT-LED100HID-ADJ-EX39-840-D	4	YYT-49	843654134437
KT-LED100HID-ADJ-EX39-850-D	4	FFQ-28	843654134444

CATALOG NUMBER BREAKDOWN

KT-LED100HID-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