



# ROUND LED HIGH BAY FIXTURE

## INSTALLATION INSTRUCTIONS

**PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the fixture.**

### APPLICATION

Used for commercial and industrial high bay lighting applications (including warehouses, factories, workshops, highway toll stations, gas stations, exhibition halls, gymnasiums, supermarkets, and other general area lighting requirements).

### SAFETY AND ELECTRICAL PARAMETERS

#### Warning

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and or the fixture box and fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician. **Please abide by all relevant country, regional and local code requirements and regulations when installing this luminaire.** Wiring must be in accordance with NEC and all applicable local codes.
- Do not make or alter any unnecessary holes in an enclosure of wiring or electrical components during the installation.

#### Warning

- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the pole/site/building power.
- Turn off the electrical power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Do not install with supply voltage that exceeds the rated input voltage of the luminaire.
- All wiring connections should be capped with UL approved wire connectors.

#### Caution

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy/recycle packaging material, as these may be hazardous to children.
- Risk of Burn. Disconnect power and allow fixture to cool before handling/servicing.

#### Notice

- All fixture installs must be properly grounded.
- Minimum of 75°C/167°F supply conductors.
- Specifications and dimensions subject to change without notice. Consult Keystone with any questions or concerns.
- Fixture is IP65 Rated. Suitable for WET LOCATION.
- Ensure ambient operating temperature is maintained:
  - without sensor: -40°C/-40°F to 50°C/122°F
  - with sensor: -25°C/-13°F to 50°C/122°F

Exceeding these temperature ranges will void warranty and may reduce lifetime or cause performance issues.

- Inspect fixture for any damages before installing. If there is any damage, please do not install and contact Keystone or authorized distributor for resolution.

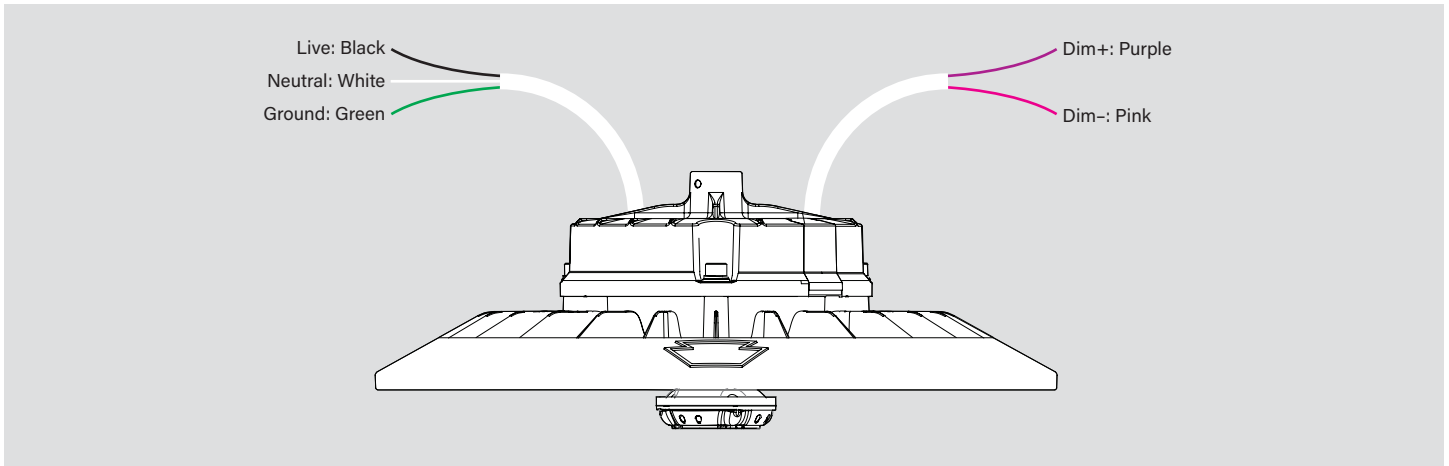
### COMPONENTS INCLUDED IN KIT

| Part                        | Quantity |
|-----------------------------|----------|
| LED high bay fixture        | 1        |
| Ring-bolt mounting hardware | 1        |
| Instruction sheet           | 1        |

**Caution:** Before installing, make certain that AC power to the fixture is off.

## GENERAL SETUP INSTRUCTIONS

### WIRING DIAGRAM



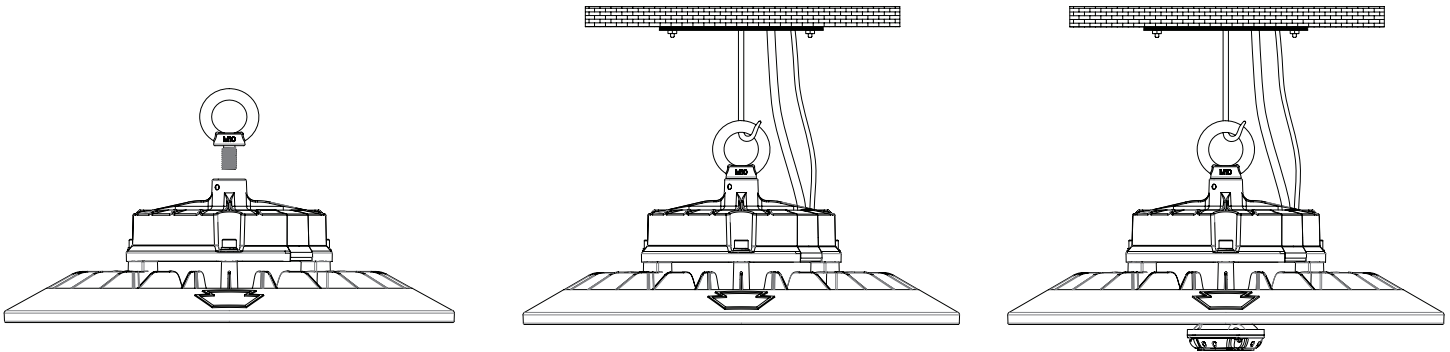
- All fixtures come pre-wired. Make input connections as needed and ensure connections are protected from exposure to the elements.
- Keystone round LED high bay input voltage: 120–277V
- Ensure that input voltage on site matches the fixture you intend to install.

*\*In accordance with NEC-20 410.69 2022, all 0-10V negative wires have been updated from gray to pink. Please contact Keystone for details.*

## INSTALLATION INSTRUCTIONS

### RING-BOLT MOUNT

1. Ensure power is off to the fixture.
2. Screw the ring-bolt into the fixture, tighten it, and secure with screw.
3. Hang the fixture on the ceiling hook or chain.
4. Complete wiring to input power wires (see **Wiring Diagram**, above).
5. Re-connect power when ready.  
(see illustrations below)



*(Installation Instructions continued on next page)*

INSTALLATION INSTRUCTIONS (continued)

OCCUPANCY SENSORS

Wireless Mesh Network Occupancy Sensor  
(Sold separately)

| Catalog Number       | Description                                                     | UPC          | Easy Code |
|----------------------|-----------------------------------------------------------------|--------------|-----------|
| KTSL-FC3-12V-PKO-PIR | Bluetooth mesh wireless Smart Port LED controller for SmartLoop | 843654138862 | OCW-60    |

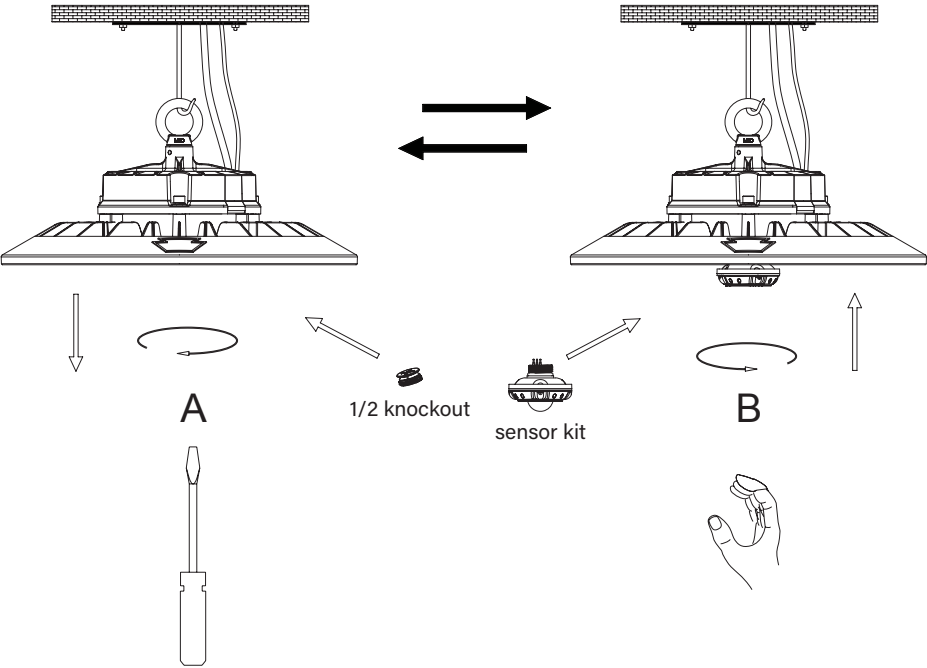
Microwave Occupancy Sensor  
(Sold separately)

| Catalog Number     | Description                                                  | UPC          | Easy Code |
|--------------------|--------------------------------------------------------------|--------------|-----------|
| KTS-MW3-12V-PKO /A | High Bay Microwave Occupancy Sensor with /A pre-set settings | 843654133317 | XYR-25    |
| KTS-MW3-12V-PKO /B | High Bay Microwave Occupancy Sensor with /B pre-set settings | 843654133324 | SPF-37    |

Passive Infrared (PIR) Occupancy Sensor  
(Sold separately)

| Catalog Number       | Description                                                     | UPC          | Easy Code |
|----------------------|-----------------------------------------------------------------|--------------|-----------|
| KTS-PIR3-12V-PKO /G2 | PIR Occupancy/Daylight Sensor, Pre-wired for Quick Installation | 843654133638 | GLF-99    |

- 1. Ensure power is off to the fixture.
  - 2. Using a screwdriver, unscrew the 1/2" knockout.
  - 3. Screw the sensor kit in by hand.
- (see illustrations below)



**ORDERING INFORMATION**

| Catalog Number                     | UPC          | Easy Code |
|------------------------------------|--------------|-----------|
| KT-RHLED100-11CB-840-VDIM          | 843654152073 | IMC-56    |
| KT-RHLED100-11CB-850-VDIM          | 843654152080 | AYJ-23    |
| KT-RHLED150-11CB-840-VDIM          | 843654152097 | GDH-12    |
| KT-RHLED150-11CB-850-VDIM          | 843654152103 | YIA-71    |
| KT-RHLED150-11CB-850-VDIM /NP10D*  | 843654172156 | VUZ-91    |
| KT-RHLED150-11CB-850-VDIM-W/NP10D* | 843654176789 | FAQ-00    |
| KT-RHLED150-11CB-950-VDIM /NP10D*  | 843654170770 | CPB-08    |
| KT-RHLED150-11CB-950-VDIM-W/NP10D* | 843654176796 | RQL-68    |
| KT-RHLED200-12CB-840-VDIM          | 843654152110 | YIJ-22    |
| KT-RHLED200-12CB-850-VDIM          | 843654152127 | LMX-02    |
| KT-RHLED240-13CB-840-VDIM          | 843654160900 | NZL-41    |
| KT-RHLED240-13CB-850-VDIM          | 843654160917 | THD-22    |

\*Special Order Only

**ACCESORIES**

| CATALOG NUMBER         | DESCRIPTION                                                                                                                                                                                                                | UPC          | EASY CODE |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| KT-RHLED-5CC-1-F-KIT   | Canopy Cover Feed Kit for Round Highbay   J-Box Mount   5" Round   White   Includes 5ft aircraft cable with adjustable gripper and Hook End. (1)5" canopy cover with Dual Feeds and strain reliefs, & additional hardware. | 843654165677 | CBD-33    |
| KT-RHLED-5CC-1-F-KIT-B | Canopy Cover Feed Kit for Round Highbay   J-Box Mount   5" Round   Black   Includes 5ft aircraft cable with adjustable gripper and Hook End. (1)5" canopy cover with Dual Feeds and strain reliefs, & additional hardware. | 843654165684 | ERB-06    |