

# KT-RHLED400PSHV-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### DESCRIPTION

Round LED High Bay Fixture | Wet Location Rated | High Temp Rated

### APPLICATION

Used for commercial and industrial High Bay lighting applications



**10 YEAR**  
LIMITED WARRANTY



### PRODUCT FEATURES

- Available with Keystone's SmartLoop Bluetooth mesh wireless system, with features such as high-end trim, grouping, occupancy/vacancy sensing, and scheduling
- High Power Round High Bay, optimized for 40'+ mounting heights and related higher ambient temperatures
- Design features a large spacer between LED driver and the diecast heat sink to optimize thermal performance
- Features Keystone Power Select technology. Adjust power between 400/320/240W, changing lumen output to set high end trim.
- Features Keystone Color Select technology. Adjust CCT between 4000/5000K
- Designed with Keystone's SmartPort receptacle for adding sensors and controls.
- Powered by Keystone 0-10V dimming LED driver
- J-Hook mounting accessory included
- 6' cord for input and dimming wires
- Powder-coated aluminum housing
- Ribbed polycarbonate lens reduces glare
- Low optical flicker
- Built-in 6kV surge protection
- LED lifetime: L70 >100,000 hours @ 25°C
- Ambient operating temperature: -40°C/-40°F to 60°C/140°F
- IP65 rated, wet location

### PERFORMANCE SPECIFICATIONS

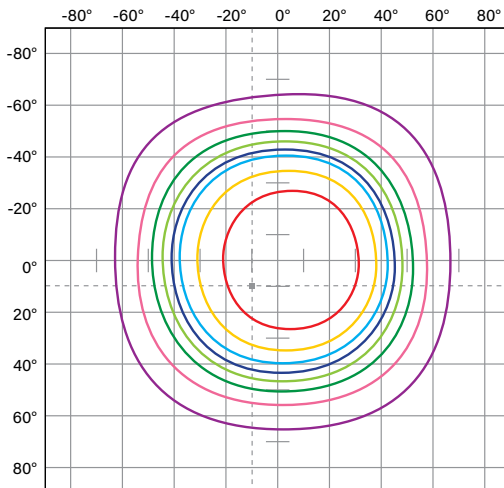
| Catalog Number                  | Nominal Size | Selectable Wattage | Selectable CCT | Lumens | Efficacy | Input Voltage | Dimmable | CRI  | Housing Color |
|---------------------------------|--------------|--------------------|----------------|--------|----------|---------------|----------|------|---------------|
| KT-RHLED400PSHV-18C-8CSD-VDIM-P | 18"          | 400W               | 4000K          | 59200  | 148 lm/W | 277-480V      | 0-10V    | > 80 | Black         |
|                                 |              |                    | 5000K          | 61200  | 153 lm/W |               |          |      |               |
|                                 |              | 320W               | 4000K          | 50550  | 158 lm/W |               |          |      |               |
|                                 |              |                    | 5000K          | 51200  | 160 lm/W |               |          |      |               |
|                                 |              | 240W               | 4000K          | 39850  | 166 lm/W |               |          |      |               |
|                                 |              |                    | 5000K          | 40320  | 168 lm/W |               |          |      |               |

Note: Preset to highest lumen output (400W/5000K)

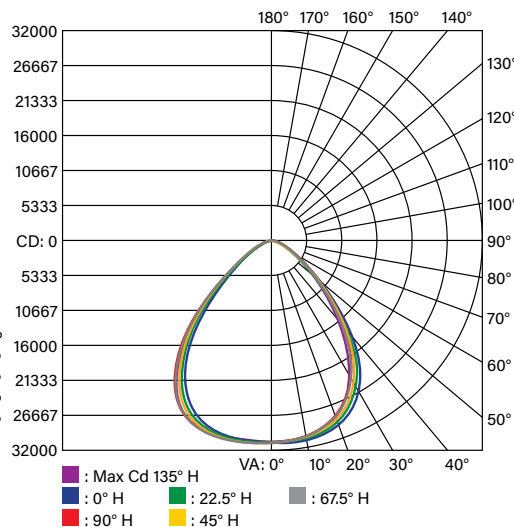
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



#### POLAR CANDELA DISTRIBUTION



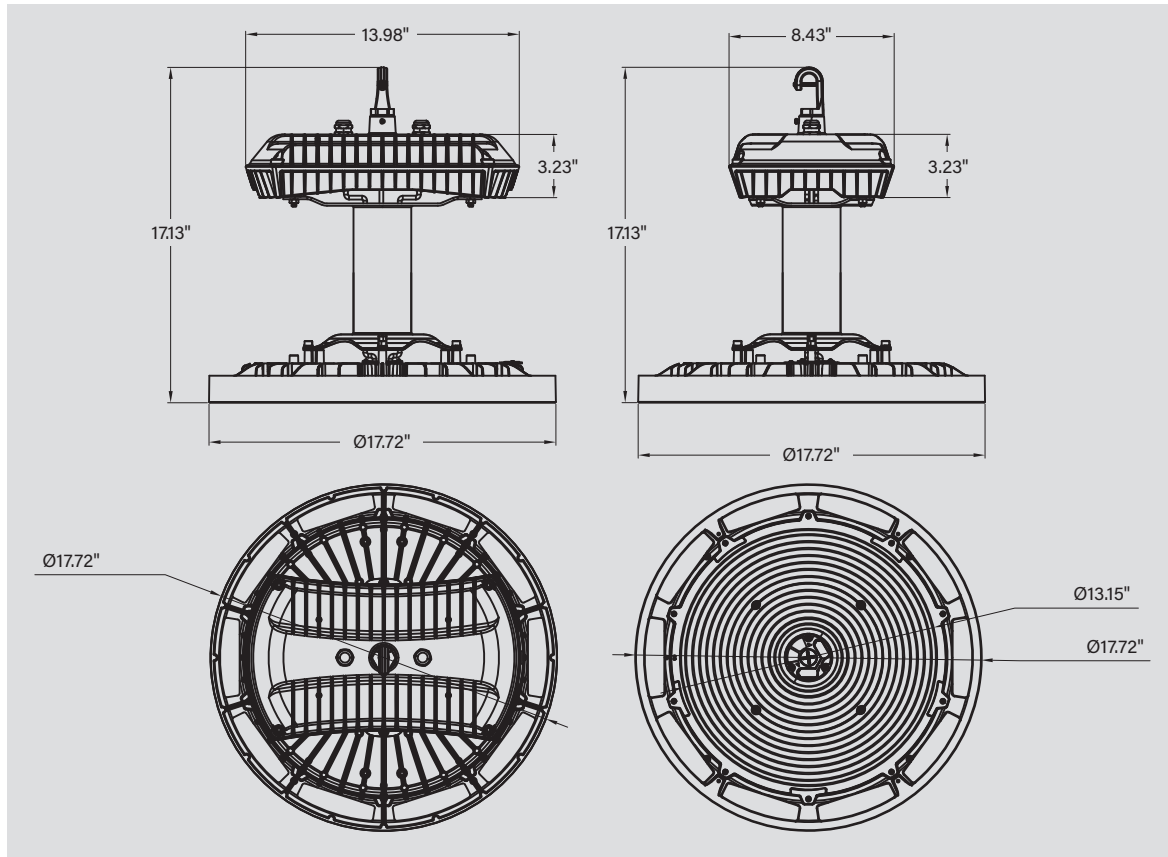
#### ZONAL LUMEN SUMMARY

| Zone   | Lumens  | % Luminaire |
|--------|---------|-------------|
| 0-30   | 24567.1 | 40.7%       |
| 0-40   | 38907.6 | 64.4%       |
| 0-60   | 55695.5 | 92.2%       |
| 60-90  | 4581.5  | 7.6%        |
| 70-100 | 1530.6  | 2.5%        |
| 90-120 | 21.5    | 0%          |
| 0-90   | 60277.0 | 99.8%       |
| 90-180 | 136.2   | 0.2%        |
| 0-180  | 60413.2 | 100%        |

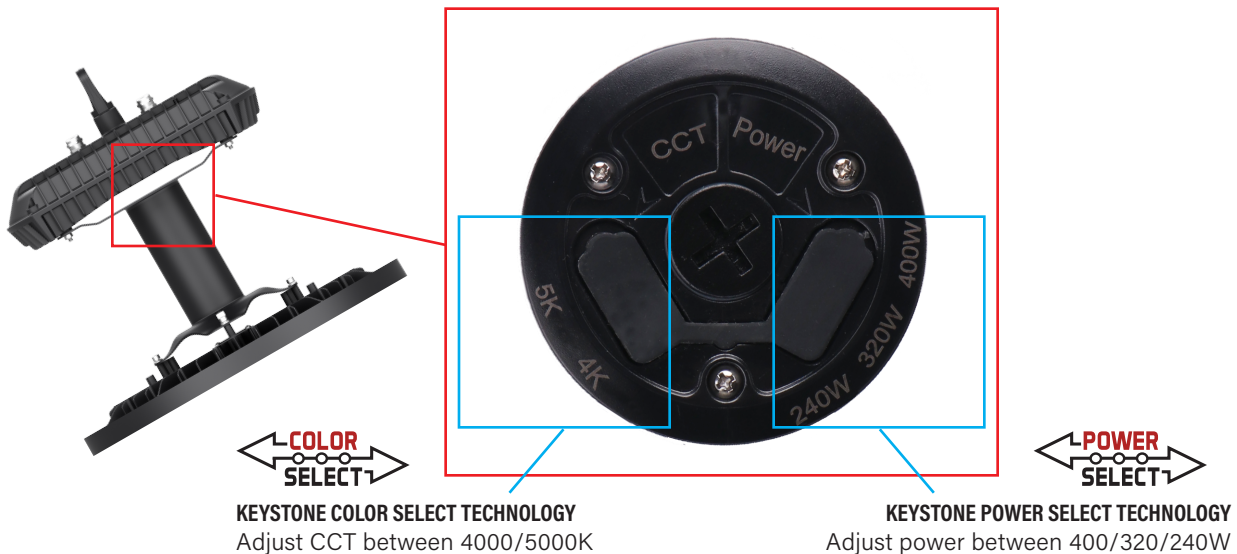
# KT-RHLED400PSHV-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### PHYSICAL SPECIFICATIONS



### POWER SELECTION AND CCT SELECTION CAPABILITY



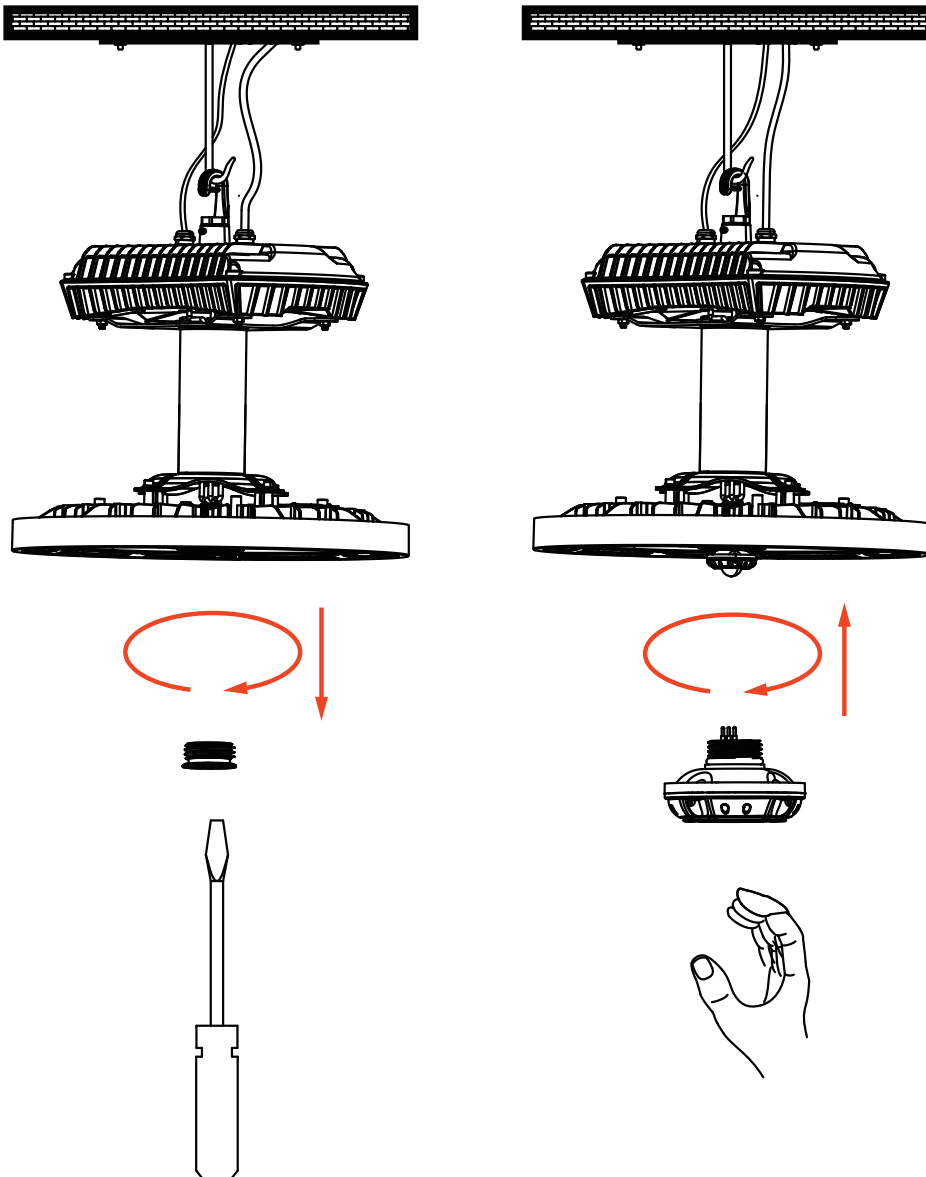


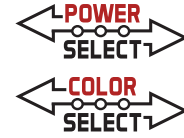
# KT-RHLED400PSHV-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### QUICK-INSTALL

1. Ensure power is off to the fixture.
2. Remove 1/2" knock-out (KO) plug.
3. Screw in sensor head. (see illustrations)
4. Re-connect power when ready.
5. Program desired settings as needed with Keystone Remote Control.





# KT-RHLED400PSHV-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES

#### SENSORS AND CONTROLLER

Factory-Installable OR Field-Installable (field-installable purchased separately)

| ✓ | SUFFIX* | CATALOG NUMBER       | DESCRIPTION                                                                                                              | UPC          | EASY CODE |
|---|---------|----------------------|--------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /FC3**  | KTSL-FC3-12V-PKO-PIR | Smart Loop Bluetooth mesh screw-in PIR occupancy sensor with built-in fixture controller. No wiring required.            | 843654138862 | OCW-60    |
|   | /FC4    | KTSL-FC4-12V-PKO     | Bluetooth mesh wireless screw-in low voltage fixture controller for SmartLoop system; 12V; 0-10V dimming                 | 843654149066 | RUN-10    |
|   | /PIR3   | KTS-PIR3-12V-PKO /G2 | Screw-in PIR motion sensor with daylight detection; Adjustable settings via remote control commissioning                 | 843654146447 | GLF-99    |
|   | /MW3    | KTS-MW3-12V-PKO      | Screw-in microwave sensor for round high bays; Preset for 10 min hold time, ∞ standby time at 50% dim, daylight disabled | 843654135212 | TRM-32    |



SmartLoop Bluetooth wireless  
PIR motion sensor controller  
KTSL-FC3-12V-PIR-KO



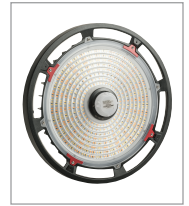
SmartLoop Bluetooth wireless  
luminaire controller  
KTSL-FC4-12V-KO



Screw-in PIR  
motion sensor  
KTSL-PIR3-12V-PKO /G2



Screw-in Microwave  
motion sensor  
KTS-MW3-12V-PKO



\*For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

\*\*When installing on Keystone highbay lights and an IP tight connection is desired, use the large gasket provided with the sensor to ensure proper electrical connection and water tight seal. Hand tighten only.

Field-Installable / Field-Use ONLY (purchased separately)

| CATALOG NUMBER        | DESCRIPTION                                                                                                              | UPC          | EASY CODE |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| KTS-MW3-REMOTECONTROL | Remote control for KTS-MW3-12V-PKO /A or /B and KTS-PIR3-12V-PKO /G2 sensors. Used to set and adjust all sensor settings | 843654132020 | XSR-61    |



Remote Control

(Accessories continued on next page)

# KT-RHLED400PSHV-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

**ACCESSORIES (continued)**

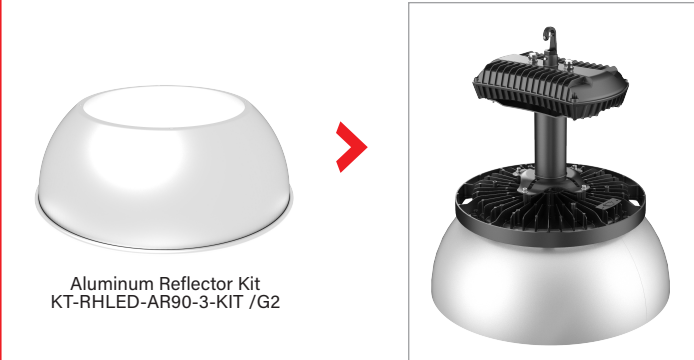
**MOUNTS AND BRACKETS**

Field-Installable / Field-Use ONLY (purchased separately)

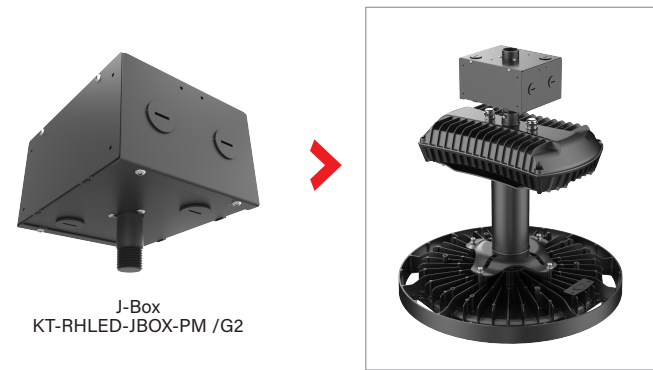
| CATALOG NUMBER          | DESCRIPTION                                                                                                                   | UPC          | EASY CODE |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| KT-RHLED-SM-3-KIT /G2   | Surface mount kit for round highbay fixtures; Fits 400W round highbay fixture; Includes mounting hardware                     | 843654151755 | JGH-39    |
| KT-RHLED-AR90-3-KIT /G2 | Aluminum reflector kit for 400W KT-RHLED fixtures; 90-degree beam angle; Includes dome and hardware                           | 843654151748 | MIV-43    |
| KT-RHLED-CL90-3-KIT /G2 | Clear polycarbonate reflector for 400W round highbay fixtures; 90-degree beam angle; Includes dome, bottom lens, and hardware | 843654151779 | DPW-30    |
| KT-RHLED-WG-3-KIT /G2   | Wire guard kit for round highbay fixtures; Fits 400W round highbay fixture; Includes mounting hardware                        | 843654151762 | DHU-26    |
| KT-RHLED-JBOX-PM /G2    | J-Box; Optimized for pole pendant and step down transformer applications; Fits all round LED high bay fixtures                | 843654133300 | RAQ-94    |



Surface Mount Kit  
KT-RHLED-SM-3-KIT /G2



Aluminum Reflector Kit  
KT-RHLED-AR90-3-KIT /G2



J-Box  
KT-RHLED-JBOX-PM /G2



Clear Polycarbonate Reflector  
KT-RHLED-CL90-3-KIT /G2



Wire Guard Kit  
KT-RHLED-WG-3-KIT /G2

\* Screw in PIR sensors can not be used with KT-RHLED-CL90-2-KIT /G2

