

# KT-RHLED400PS-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

- 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; Polycarbonate lens
- Ribbed lens to reduce glare
- Low optical flicker
- Built-in 6kV surge protection
- LED lifetime: L70 >100,000 hours @ 25°C fixture ambient
- Ambient operating temperature: -40°C/-40°F to 60°C/140°F
- IP65 rated, wet location
- Listed on QPL DLC, Premium
- TAA options available, see Ordering Information below for details

### PERFORMANCE SPECIFICATIONS

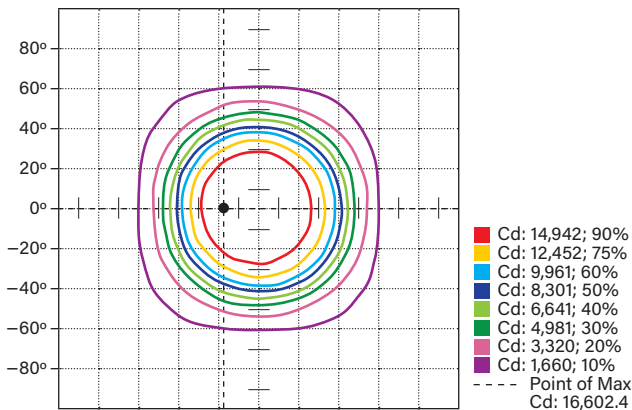
| Catalog Number                | Nominal Size | Selectable Wattage | Selectable CCT | Lumens | Efficacy | Input Voltage | Dimmable | DLC | CRI  | Housing Color |
|-------------------------------|--------------|--------------------|----------------|--------|----------|---------------|----------|-----|------|---------------|
| KT-RHLED400PS-18C-8CSD-VDIM-P | 18"          | 400W               | 4000K          | 58500  | 146 lm/W | 120-277V      | 0-10V    | Yes | > 80 | Black         |
|                               |              |                    | 5000K          | 59000  | 147 lm/W |               |          |     |      |               |
|                               |              | 320W               | 4000K          | 49500  | 155 lm/W |               |          |     |      |               |
|                               |              |                    | 5000K          | 50000  | 156 lm/W |               |          |     |      |               |
|                               |              | 240W               | 4000K          | 38000  | 158 lm/W |               |          |     |      |               |
|                               |              |                    | 5000K          | 38500  | 160 lm/W |               |          |     |      |               |

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

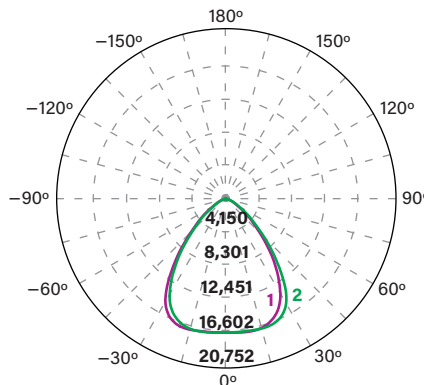
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT

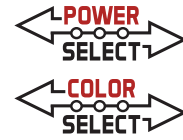


#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

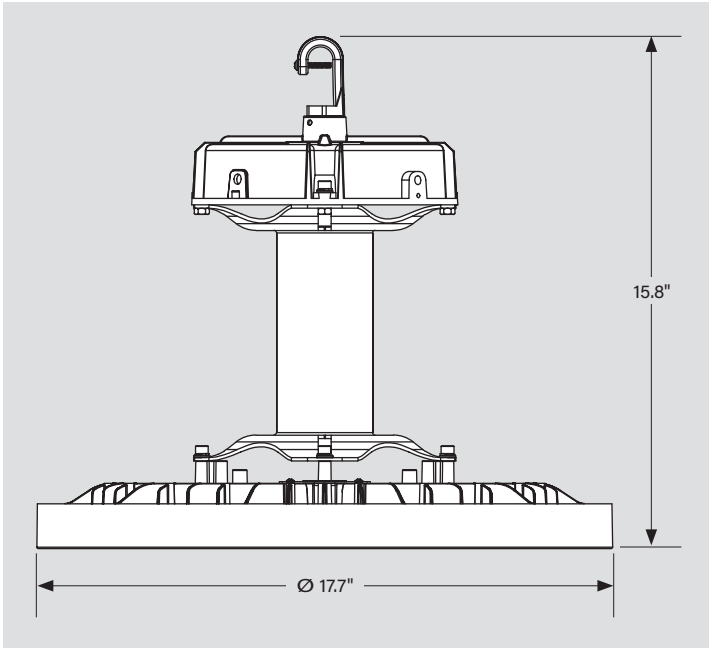
| Zone   | Lumens   | % Luminaire |
|--------|----------|-------------|
| 0-30   | 13,328.7 | 44.2%       |
| 0-40   | 20,615.9 | 68.4%       |
| 0-60   | 28,188.7 | 93.6%       |
| 60-90  | 1,897.0  | 6.3%        |
| 70-100 | 612.8    | 2.0%        |
| 90-120 | 0.2      | 0%          |
| 0-90   | 30,085.7 | 99.8%       |
| 90-180 | 45.2     | 0.2%        |
| 0-180  | 30,130.9 | 100%        |



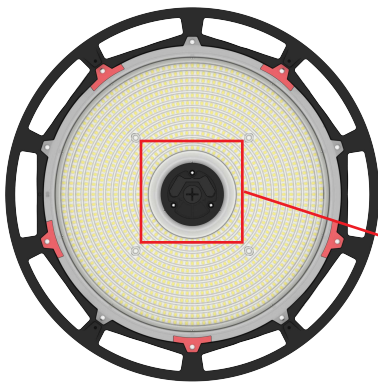
# KT-RHLED400PS-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### PHYSICAL SPECIFICATIONS



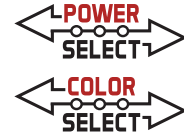
### POWER SELECTION AND CCT SELECTION CAPABILITY



**KEYSTONE COLOR SELECT TECHNOLOGY**  
Adjust CCT between 4000/5000K



**KEYSTONE POWER SELECT TECHNOLOGY**  
Adjust power between 400/320/240W

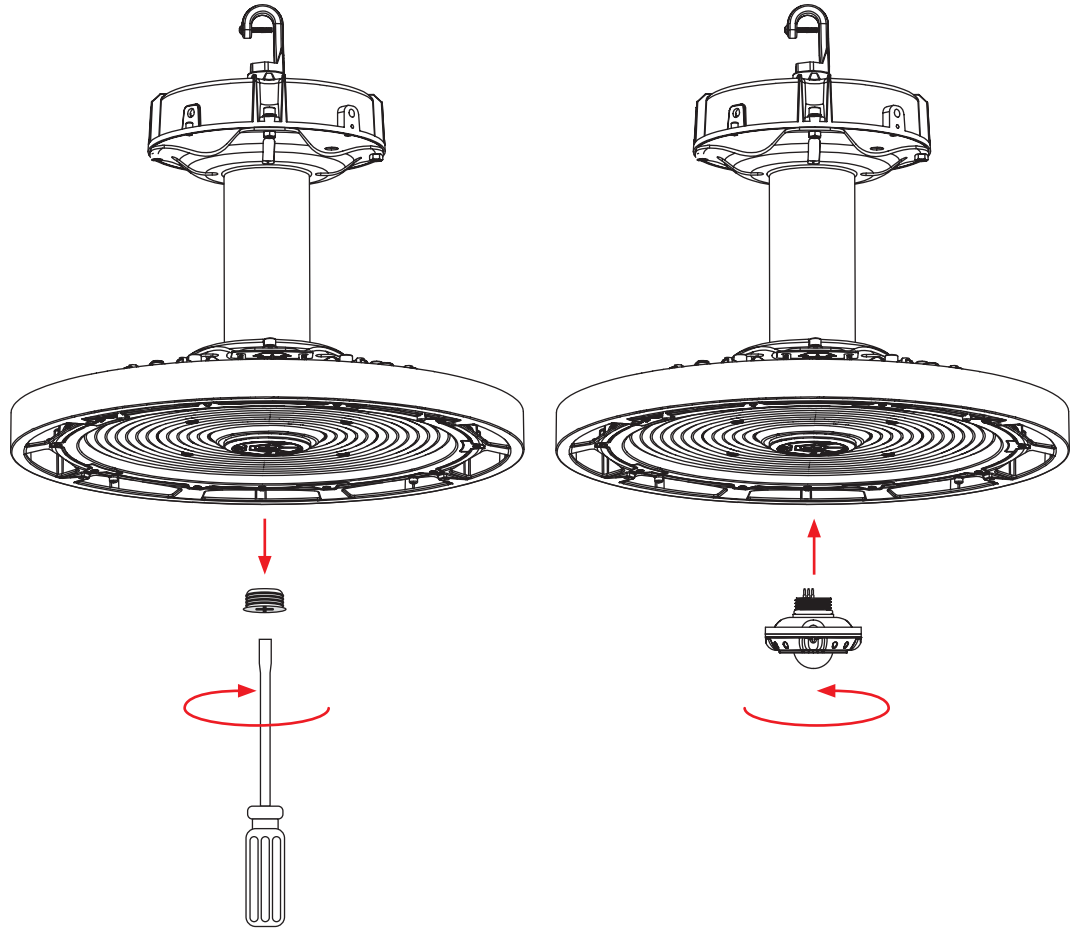


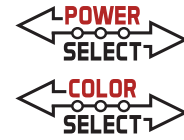
## KT-RHLED400PS-18C-8CSD-VDIM-P

### 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-RHLED400PS-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES

#### SENSORS

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

| ✓ | SUFFIX* | CATALOG NUMBER       | DESCRIPTION                                                                                                                                                                                  | UPC          | EASY CODE |
|---|---------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /FC3**  | KTSL-FC3-12V-PKO-PIR | Bluetooth mesh wireless screw-in low voltage PIR motion sensor and fixture controller for SmartLoop system; with daylight detection                                                          | 843654138862 | OCW-60    |
|   | /FC4    | KTSL-FC4-12V-PKO     | Bluetooth mesh wireless screw-in low voltage fixture controller for SmartLoop system                                                                                                         | 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-A  | KTS-MW3-12V-PKO /A   | Screw-in microwave motion sensor with daylight detection; Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled. Adjustable settings via remote control commissioning | 843654133317 | XYR-25    |
|   | /MW3-B  | KTS-MW3-12V-PKO /B   | Screw-in microwave motion sensor with daylight detection; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled Adjustable settings via remote control commissioning | 843654133324 | SPF-37    |



Screw-in PIR motion sensor  
KTSL-FC3-12V-PKO-PIR



Screw-in PIR motion sensor and fixture controller  
KTSL-FC4-12V-PKO



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



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



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



\* 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-RHLED400PS-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

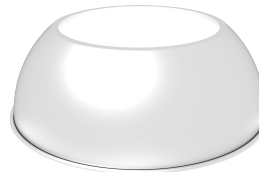
#### MOUNTS AND BRACKETS

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

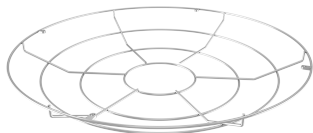
| CATALOG NUMBER          | DESCRIPTION                                                                                                                   | UPC          | EASY CODE |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| 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



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



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

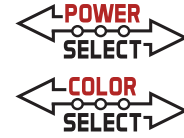


J-Box  
KT-RHLED-JBOX-PM /G2



\*Screw in PIR sensors can not be used with KT-RHLED-CL90-3-KIT /G2

(Accessories continued on next page)



# KT-RHLED400PS-18C-8CSD-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

#### PLUGS

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

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION                       | UPC          | EASY CODE |
|---|---------|----------------|-----------------------------------|--------------|-----------|
|   | /515P   | KT-P-515P      | 125V NEMA 5-15P Plug              | TBD          | TBD       |
|   | /L515P  | KT-P-L515P     | 125V NEMA L5-15P Twist Lock Plug  | 843654123486 | GEW-06    |
|   | /L615P  | KT-P-L615P     | 250V NEMA L6-15P Twist Lock Plug  | 843654138619 | VPX-09    |
|   | /L715P  | KT-P-L715P     | 277V NEMA L7-15P Twist Lock Plug  | 843654123493 | ETV-78    |
|   | /L720P  | KT-P-L720P     | 277V NEMA L7-120P Twist Lock Plug | TBD          | TBD       |

### FIXTURE ORDERING INFORMATION

| ORDER CODE                         | PACK QTY. | UPC          | Easy Code | DLC PRODUCT ID |
|------------------------------------|-----------|--------------|-----------|----------------|
| KT-RHLED400PS-18C-8CSD-VDIM-P      | 1         | 843654151731 | WBS-26    | S-BISO34       |
| KT-RHLED400PS-18C-8CSD-VDIM-P /TAA | 1         | 843654158624 | RWN-95    |                |

### FIXTURE CATALOG NUMBER BREAKDOWN

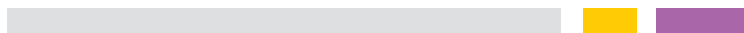
# KT-RHLED400PS-18C-8CSD-VDIM-P

|                               |   |   |   |   |   |                           |   |   |    |                  |                |
|-------------------------------|---|---|---|---|---|---------------------------|---|---|----|------------------|----------------|
| 1                             | 2 | 3 | 4 | 5 | 6 | 7                         | 8 | 9 | 10 | 11               | 12             |
| 1 Keystone Technologies       |   |   |   |   |   | 7 80 CRI                  |   |   |    | 12 TAA Compliant |                |
| 2 Round High Bay Fixture      |   |   |   |   |   | 8 ColorSelect Technology  |   |   |    | /TAA             | Made in Mexico |
| 3 LED Technology              |   |   |   |   |   | 9 Color Select 4000/5000K |   |   |    |                  |                |
| 4 Wattage                     |   |   |   |   |   | 10 0-10V Dimming          |   |   |    |                  |                |
| 5 Power Select 400/320/240W   |   |   |   |   |   | 11 Premium Series         |   |   |    |                  |                |
| 6 18" Diameter Circular Shape |   |   |   |   |   | 12 TAA Compliant          |   |   |    |                  |                |

### ORDERING EXAMPLES

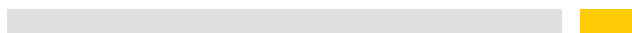
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

#### KT-RHLED400PS-18C-8CSD-VDIM-P/FC3/L515P



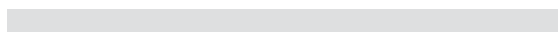
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

#### KT-RHLED400PS-18C-8CSD-VDIM-P/FC3



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

#### KT-RHLED400PS-18C-8CSD-VDIM-P



#### KEYSTONE FIXTURE

##### CATALOG NUMBER

KT-RHLED400PS-18C-8CSD-VDIM-P

#### SENSORS

| ✓ | SUFFIX | CATALOG NUMBER       |
|---|--------|----------------------|
| ✓ | /FC3   | KTSL-FC3-12V-PKO-PIR |

#### PLUGS

| ✓ | SUFFIX | CATALOG NUMBER |
|---|--------|----------------|
| ✓ | /L515P | KT-P-L515P     |

\* When ordering more than one factory-installed accessory, use multiple suffixes as shown in the ordering examples above.

**Note:** All accessories can also be ordered separately for field installation using just their regular Catalog Number, UPC, or Easy Code.