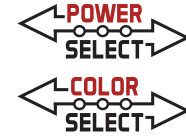




# XFIT



## KT-RHLED150PS-12C-8CSB-VDIM-P

### ROUND LED HIGH BAY FIXTURE

#### DESCRIPTION

Round LED High Bay Fixture | Power Select 150/100/70W |  
Color Select 3000/4000/5000K | 120–277V Input | 0–10V Dimming |  
Built in Sensor Receptacle

#### APPLICATION

Used for commercial and industrial High Bay lighting applications



**5 YEAR**  
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 150/100/70W
- Features Keystone Color Select technology. Adjust CCT between 3000/4000/5000K
- Designed to accept easy screw-in installation of optional sensors
- Powered by Keystone 0–10V dimming LED driver
- Ring bolt 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

#### PERFORMANCE SPECIFICATIONS

| Catalog Number                | Nominal Size | Selectable Wattage | Selectable CCT | Lumens | Efficacy | Input Voltage | Dimmable | DLC | CRI | Housing Color |
|-------------------------------|--------------|--------------------|----------------|--------|----------|---------------|----------|-----|-----|---------------|
| KT-RHLED150PS-12C-8CSB-VDIM-P | 12"          | 70W                | 3000K          | 11000  | 155 lm/W | 120–277V      | 0–10V    | Yes | >80 | Black         |
|                               |              |                    | 4000K          | 11650  | 170 lm/W |               |          |     |     |               |
|                               |              |                    | 5000K          | 11750  | 168 lm/W |               |          |     |     |               |
|                               |              | 100W               | 3000K          | 15000  | 150 lm/W |               |          |     |     |               |
|                               |              |                    | 4000K          | 16230  | 168 lm/W |               |          |     |     |               |
|                               |              |                    | 5000K          | 16100  | 162 lm/W |               |          |     |     |               |
|                               |              | 150W               | 3000K          | 21270  | 139 lm/W |               |          |     |     |               |
|                               |              |                    | 4000K          | 23100  | 160 lm/W |               |          |     |     |               |
|                               |              |                    | 5000K          | 22500  | 149 lm/W |               |          |     |     |               |

Note: Preset to highest lumen output (150W/5000K)

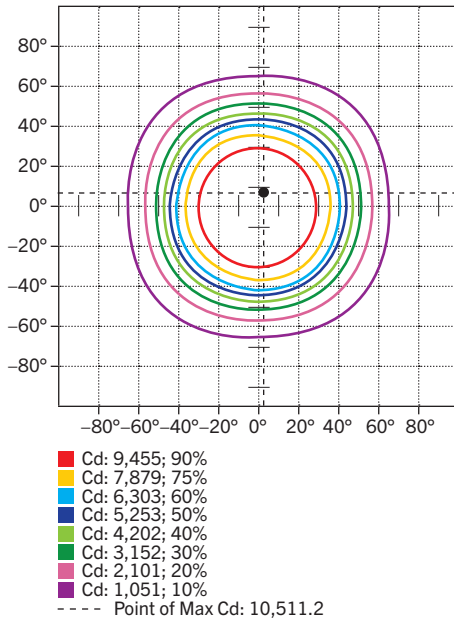
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

# KT-RHLED150PS-12C-8CSB-VDIM-P

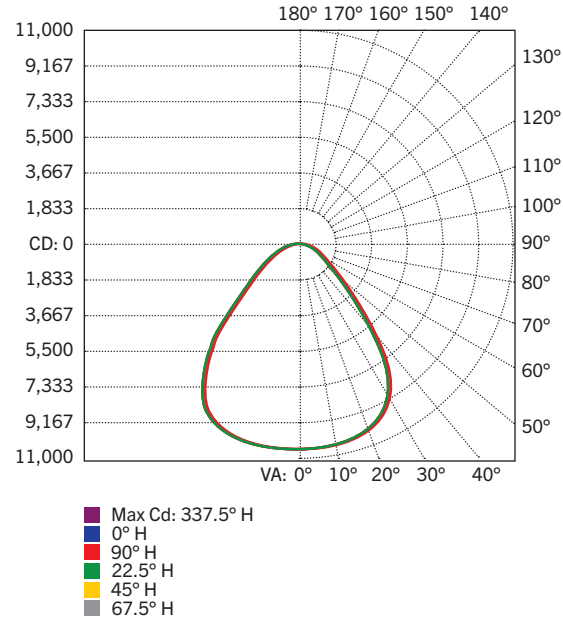
## ROUND LED HIGH BAY FIXTURE

### PHOTOMETRIC SPECIFICATIONS

#### ISOCANDELA PLOT



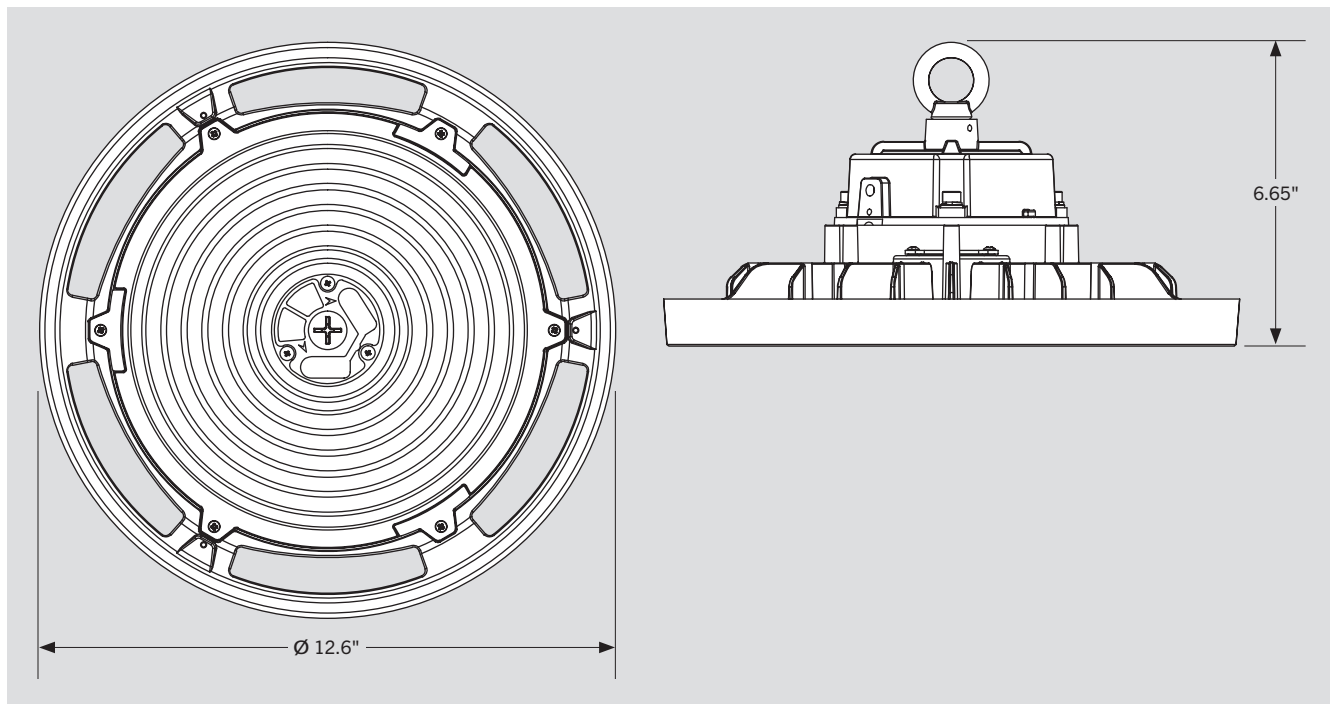
#### POLAR CANDELA DISTRIBUTION



#### ZONAL LUMEN SUMMARY

| Zone  | Lumens   | % Luminaire |
|-------|----------|-------------|
| 0-30  | 8,506.6  | 40.2%       |
| 0-40  | 13,587.0 | 64.2%       |
| 0-60  | 19,546.2 | 92.4%       |
| 60-90 | 21,155.8 | 7.6%        |
| 0-90  | 21,155.8 | 100.0%      |

### PHYSICAL SPECIFICATIONS

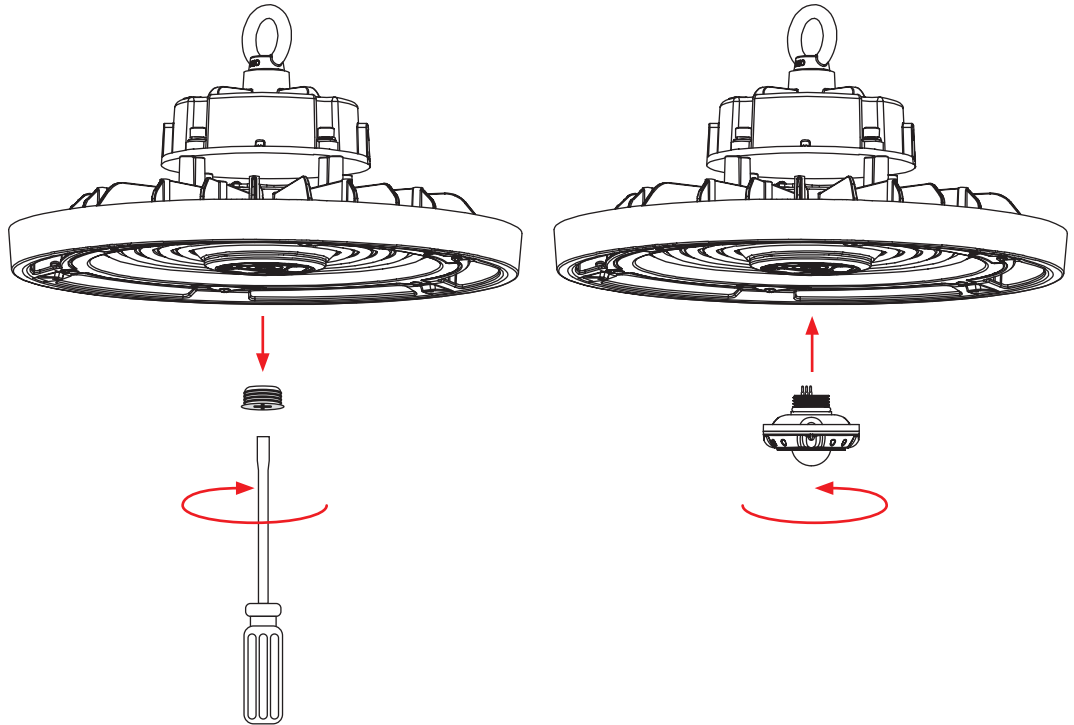


# KT-RHLED150PS-12C-8CSB-VDIM-P

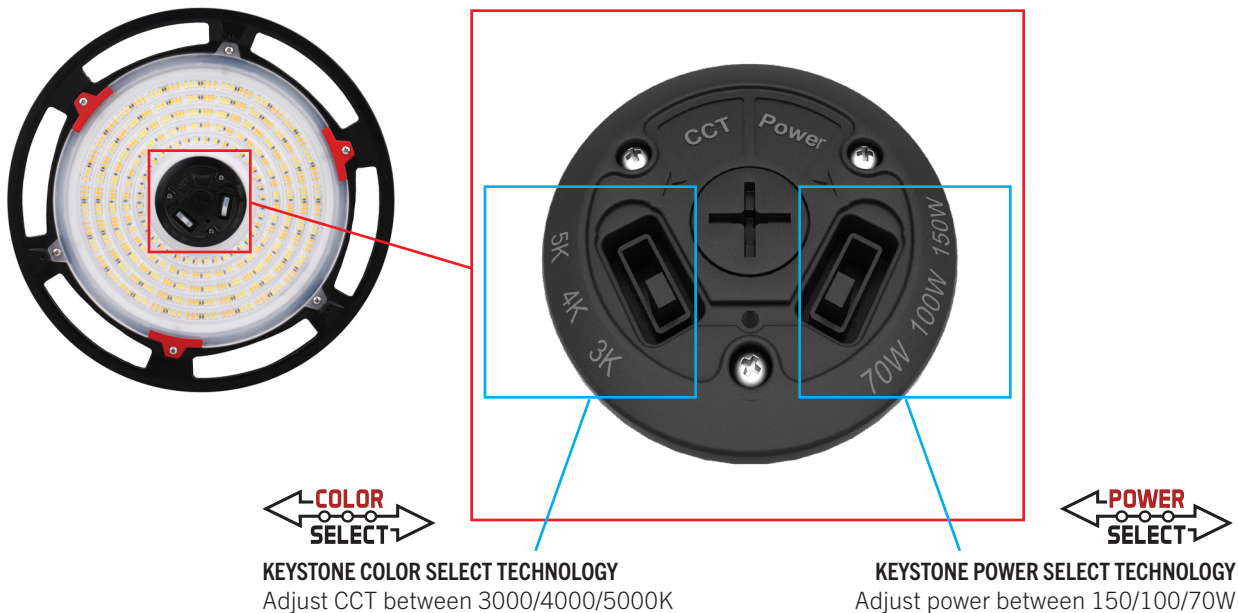
## ROUND LED HIGH BAY FIXTURE

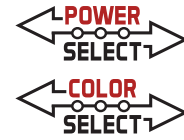
### QUICK-INSTALL

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.



### POWER SELECTION AND CCT SELECTION CAPABILITY





# KT-RHLED150PS-12C-8CSB-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 sensor and fixture controller for SmartLoop system                          | 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 sensor for round high bays; Adjustable settings via remote control                                              | 843654146447 | GLF-99    |
|   | /MW3-A  | KTS-MW3-12V-PKO /A   | Screw-in microwave sensor for round high bays; Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled  | 843654133317 | XYR-25    |
|   | /MW3-B  | KTS-MW3-12V-PKO /B   | Screw-in microwave sensor for round high bays; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled | 843654133324 | SPF-37    |



Screw-in PIR Sensor  
KTSL-FC3-12V-PKO-PIR



Screw-in Fixture Controller  
KTSL-FC4-12V-PKO



Screw-in PIR Sensor  
KTSL-PIR3-12V-PKO /G2



Screw-in Microwave Sensor  
KTS-MW3-12V-PKO /A



Screw-in Microwave 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).

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

#### PLUGS

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

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION                      | UPC          | EASY CODE |
|---|---------|----------------|----------------------------------|--------------|-----------|
|   | /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    |

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

(Accessories continued on next page)

# KT-RHLED150PS-12C-8CSB-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

#### EMERGENCY BACKUP

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

| ✓ | SUFFIX* | CATALOG NUMBER                | DESCRIPTION                                                                                                                                               | UPC          | EASY CODE |
|---|---------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /EM†    | KT-EMRG-LED-40SD-5000-CEN /SF | One piece 40W constant wattage design with self diagnostics; Approx 5000 lumens; Single flex cable with included J-Box; 120–277V input; CEC T20 Compliant | 843654144320 | UGW-62    |

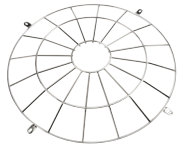
\* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).

† Factory installation of emergency backup units will automatically include any relevant mounting bracket.

#### MOUNTS AND BRACKETS

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

| ✓ | SUFFIX* | CATALOG NUMBER        | DESCRIPTION                                                                                                                  | UPC          | EASY CODE |
|---|---------|-----------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   | /WG     | KT-RHLED-WG-1-KIT /G2 | Thick steel wire guard; Premium powder-coat construction; Includes mounting hardware; Fits all "12C" sized high bay fixtures | 843654133263 | NPV-09    |



Wire Guard Kit  
KT-RHLED-WG-1-KIT /G2



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

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

| CATALOG NUMBER          | DESCRIPTION                                                                                                                             | UPC          | EASY CODE |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
| KT-RHLED-SM-1-KIT /G2   | Steel surface mount kit; Includes mounting hardware; Fits all "12C" sized high bay fixtures                                             | 843654133249 | JXD-63    |
| 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    |
| KT-RHLED-AR90-1-KIT /G2 | Aluminum dome reflector; 90° beam angle; Includes mounting hardware; Fits all "12C" sized high bay fixtures                             | 843654133287 | ZOV-89    |
| KT-RHLED-CL90-1-KIT /G2 | Clear polycarbonate dome reflector with bottom lens; 90° beam angle; Includes mounting hardware; Fits all "12C" sized high bay fixtures | 843654133614 | FBZ-16    |



Surface Mount Kit  
KT-RHLED-SM-1-KIT /G2



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



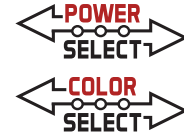
Aluminum Dome Reflector  
KT-RHLED-AR90-1-KIT /G2



Clear Polycarbonate Dome Reflector  
KT-RHLED-CL90-1-KIT /G2



(Accessories continued on next page)



# KT-RHLED150PS-12C-8CSB-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

#### STEP-DOWN TRANSFORMERS

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

| ✓ | SUFFIX*           | CATALOG NUMBER       | DESCRIPTION                                                                                  | UPC          | EASY CODE |
|---|-------------------|----------------------|----------------------------------------------------------------------------------------------|--------------|-----------|
|   | /480 <sup>†</sup> | KTAT-250-480-277 /SF | Fully enclosed, single flex step-down transformer for LED high bay fixtures (250VA or lower) | 843654102931 | XIM-17    |

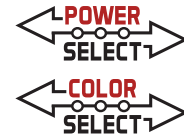


Step-Down Transformer  
KTAT-250-480-277 /SF



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

<sup>†</sup> Includes KT-RHLED-JBOX-PM /G2 mounting accessory. Suitable for hanging installation only, no pendant, with 480V Step Down Transformer installed.



# KT-RHLED150PS-12C-8CSB-VDIM-P

## ROUND LED HIGH BAY FIXTURE

### FIXTURE ORDERING INFORMATION

| ORDER CODE                    | PACK QTY. | UPC          | Easy Code |
|-------------------------------|-----------|--------------|-----------|
| KT-RHLED150PS-12C-8CSB-VDIM-P | 1         | 843654152134 | JDU-43    |

### FIXTURE CATALOG NUMBER BREAKDOWN

# KT-RHLED150PS-12C-8CSB-VDIM-P

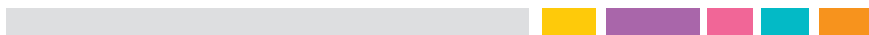
1 2 3 4 5 6 7 8 9 10 11

- |                               |                                |
|-------------------------------|--------------------------------|
| 1 Keystone Technologies       | 7 80 CRI                       |
| 2 Round High Bay Fixture      | 8 Color Select Technology      |
| 3 LED Technology              | 9 Color Select 3000/4000/5000K |
| 4 Wattage                     | 10 0–10V Dimming               |
| 5 Power Select 150/100/70W    | 11 Premium Series              |
| 6 12" Diameter Circular Shape |                                |

### ORDERING EXAMPLES

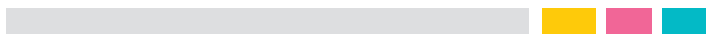
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED150PS-12C-8CSB-VDIM-P/FC3/L515P/EM/WG/480**



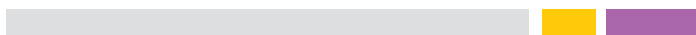
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED150PS-12C-8CSB-VDIM-P/FC3/EM/WG**



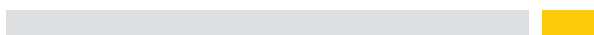
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED150PS-12C-8CSB-VDIM-P/FC3/L515P**



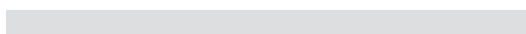
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

**KT-RHLED150PS-12C-8CSB-VDIM-P/FC3**



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

**KT-RHLED150PS-12C-8CSB-VDIM-P**



#### KEYSTONE FIXTURE

| CATALOG NUMBER                |
|-------------------------------|
| KT-RHLED150PS-12C-8CSB-VDIM-P |

#### SENSORS

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

#### PLUGS

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

#### EMERGENCY BACKUP

| ✓ SUFFIX | CATALOG NUMBER                |
|----------|-------------------------------|
| ✓ /EM    | KT-EMRG-LED-40SD-5000-CEN /SF |

#### MOUNTS AND BRACKETS

| ✓ SUFFIX | CATALOG NUMBER        |
|----------|-----------------------|
| ✓ /WG    | KT-RHLED-WG-1-KIT /G2 |

#### STEP-DOWN TRANSFORMERS

| ✓ SUFFIX | CATALOG NUMBER       |
|----------|----------------------|
| ✓ /480   | KTAT-250-480-277 /SF |

**Note:** Step-down transformers cannot be ordered in conjunction with standard SJTOW cord set options (contact Keystone sales rep for available custom options if needed).

\* 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.