

# KT-RHLEDXXX-XXCB-8XX-VDIM

## ROUND LED HIGH BAY FIXTURE

### DESCRIPTION

Round LED High Bay Fixture | Wet Location Rated | Contractor Prime

### APPLICATION

Used for commercial and industrial High Bay lighting applications



**5 YEAR  
WARRANTY**

### PRODUCT FEATURES

- Extra compact design offers an optimal blend of performance, key features, and value
- 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
- Built-in 4kV surge protection
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- IP65 rated, wet location

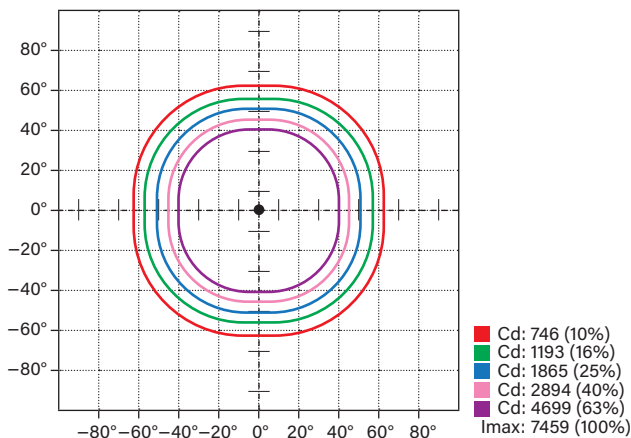
### PERFORMANCE SPECIFICATIONS

| Catalog Number            | Nominal Size | Wattage | CCT   | Lumens | Efficacy | Input Voltage | Dimmable | CRI  | Housing Color |
|---------------------------|--------------|---------|-------|--------|----------|---------------|----------|------|---------------|
| KT-RHLED100-11CB-840-VDIM | 11" circular | 100W    | 4000K | 14700  | 147 lm/W | 120–277V      | 0–10V    | > 80 | Black         |
| KT-RHLED100-11CB-850-VDIM |              |         | 5000K | 14900  | 149 lm/w |               |          |      |               |
| KT-RHLED150-11CB-840-VDIM | 11" circular | 150W    | 4000K | 22200  | 148 lm/W |               |          |      |               |
| KT-RHLED150-11CB-850-VDIM |              |         | 5000K | 22600  | 150 lm/W |               |          |      |               |
| KT-RHLED200-12CB-840-VDIM | 12" circular | 200W    | 4000K | 29400  | 147 lm/W |               |          |      |               |
| KT-RHLED200-12CB-850-VDIM |              |         | 5000K | 30000  | 150 lm/W |               |          |      |               |
| KT-RHLED240-13CB-840-VDIM | 13" circular | 240W    | 4000K | 35280  | 147 lm/W |               |          |      |               |
| KT-RHLED240-13CB-850-VDIM |              |         | 5000K | 36000  | 150 lm/W |               |          |      |               |

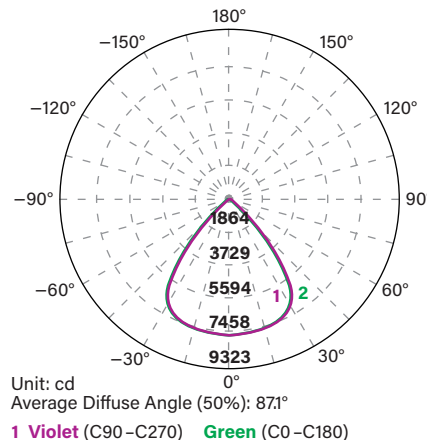
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED100-11CB-8XX-VDIM)

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION CURVE



#### ZONAL LUMEN SUMMARY

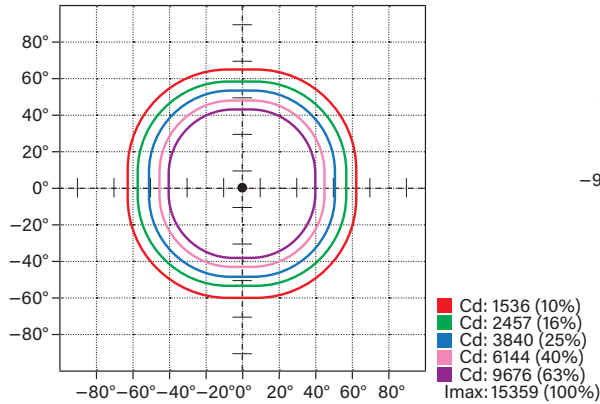
| Zone                 | Lumens      | % Luminaire |
|----------------------|-------------|-------------|
| <b>Forward Light</b> | <b>7161</b> | <b>48.3</b> |
| FL (0°–30°)          | 3022        | 20.4        |
| FM (30°–60°)         | 3740        | 25.2        |
| FH (60°–80°)         | 386         | 2.6         |
| FVH (80°–90°)        | 13          | 0.1         |
| <b>Back Light</b>    | <b>7548</b> | <b>50.9</b> |
| BL (0°–30°)          | 3062        | 20.6        |
| BM (30°–60°)         | 4044        | 27.3        |
| BH (60°–80°)         | 426         | 2.9         |
| BVH (80°–90°)        | 15          | 0.1         |
| <b>Up Light</b>      | <b>125</b>  | <b>0.8</b>  |
| UL 90°–100°          | 3           | 0.0         |
| UH 100°–180°         | 122         | 0.8         |

# KT-RHLEDXXX-XXCB-8XX-VDIM

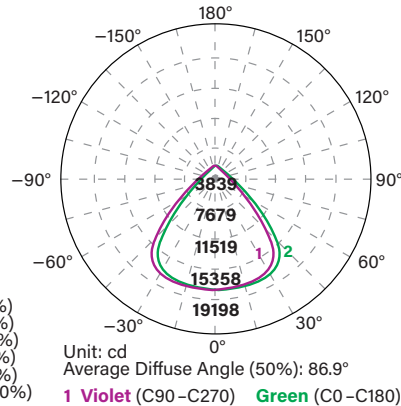
## ROUND LED HIGH BAY FIXTURE

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED150-11CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE

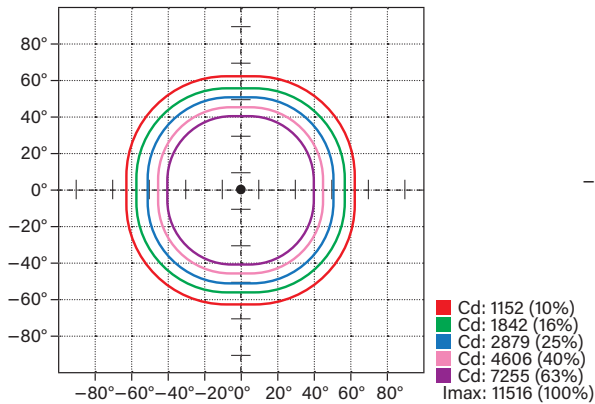


ZONAL LUMEN SUMMARY

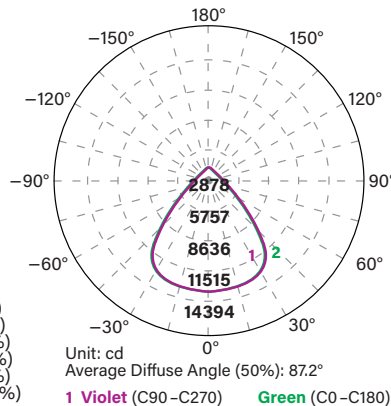
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 14439  | 47.0        |
| FL (0°-30°)   | 6248   | 20.3        |
| FM (30°-60°)  | 7430   | 24.2        |
| FH (60°-80°)  | 742    | 2.4         |
| FVH (80°-90°) | 19     | 0.1         |
| Back Light    | 16028  | 52.2        |
| BL (0°-30°)   | 6380   | 20.8        |
| BM (30°-60°)  | 8685   | 28.3        |
| BH (60°-80°)  | 934    | 3.0         |
| BVH (80°-90°) | 29     | 0.1         |
| Up Light      | 253    | 0.8         |
| UL 90°-100°   | 5      | 0.0         |
| UH 100°-180°  | 248    | 0.8         |

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED200-12CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE

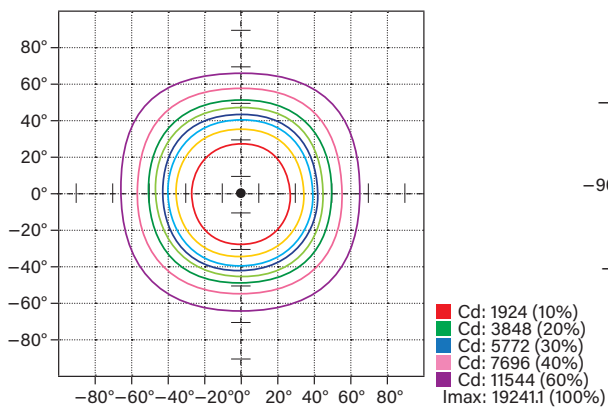


ZONAL LUMEN SUMMARY

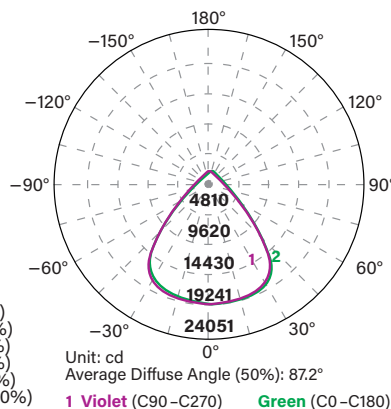
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 11354  | 49.4        |
| FL (0°-30°)   | 4747   | 20.7        |
| FM (30°-60°)  | 5975   | 26.0        |
| FH (60°-80°)  | 614    | 2.7         |
| FVH (80°-90°) | 18     | 0.1         |
| Back Light    | 11424  | 49.7        |
| BL (0°-30°)   | 4725   | 20.6        |
| BM (30°-60°)  | 6039   | 26.3        |
| BH (60°-80°)  | 639    | 2.8         |
| BVH (80°-90°) | 22     | 0.1         |
| Up Light      | 194    | 0.8         |
| UL 90°-100°   | 5      | 0.0         |
| UH 100°-180°  | 190    | 0.8         |

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED240-13CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE



ZONAL LUMEN SUMMARY

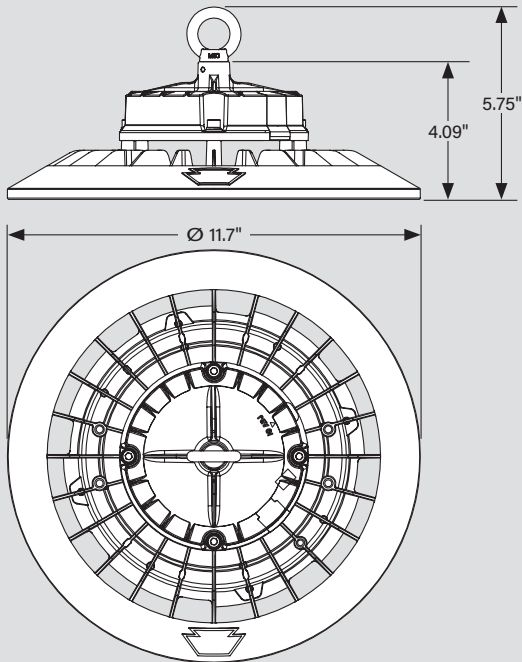
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 17827  | 49.8        |
| FL (0°-30°)   | 7594   | 21.2        |
| FM (30°-60°)  | 8905   | 24.9        |
| FH (60°-80°)  | 1250   | 3.5         |
| FVH (80°-90°) | 79     | 0.2         |
| Back Light    | 17888  | 49.9        |
| BL (0°-30°)   | 7691   | 21.5        |
| BM (30°-60°)  | 8918   | 24.9        |
| BH (60°-80°)  | 1210   | 3.4         |
| BVH (80°-90°) | 69     | 0.2         |
| Up Light      | 113    | 0.3         |
| UL 90°-100°   | 8      | 0.0         |
| UH 100°-180°  | 105    | 0.3         |

# KT-RHLEDXXX-XXCB-8XX-VDIM

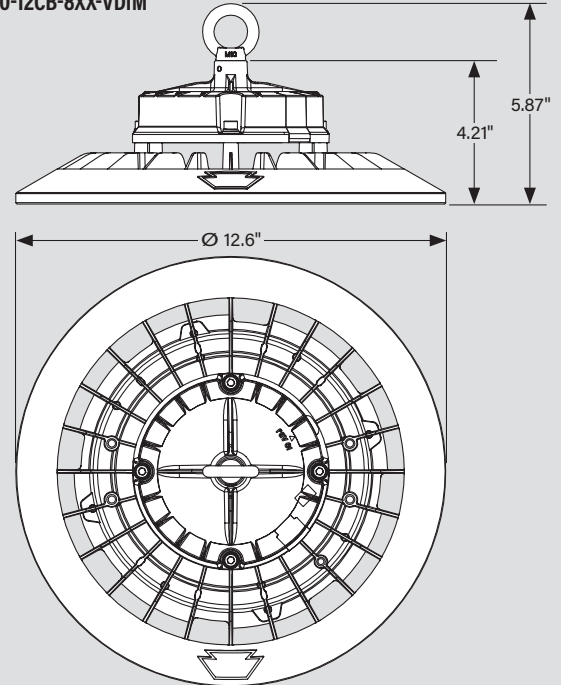
## ROUND LED HIGH BAY FIXTURE

### PHYSICAL SPECIFICATIONS

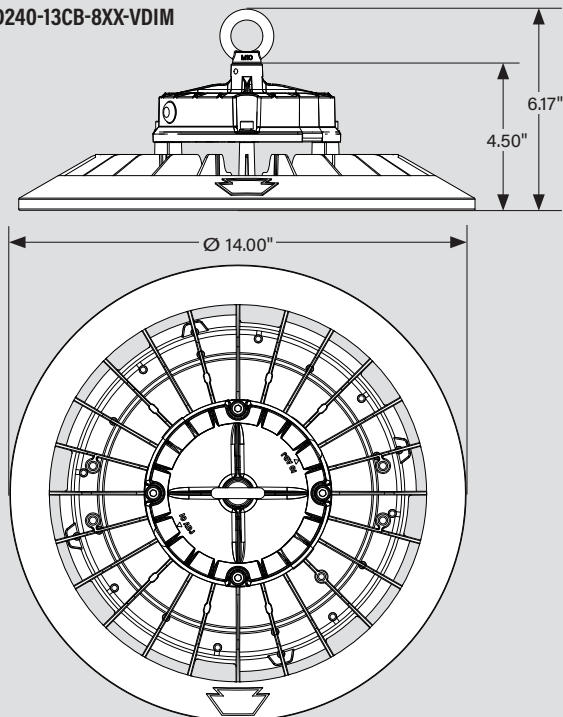
KT-RHLED100-11CB-8XX-VDIM / KT-RHLED150-11CB-8XX-VDIM



KT-RHLED200-12CB-8XX-VDIM



KT-RHLED240-13CB-8XX-VDIM



# KT-RHLEDXXX-XXCB-8XX-VDIM

## 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 roundhigh 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  
KTS-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).

\*\* When installing on Keystone highbay lights and an IP tight connection is desired, use the xxxx 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

#### CORD SETS & 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    |

#### 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.

(Accessories continued on next page)

# KT-RHLEDXXX-XXCB-8XX-VDIM

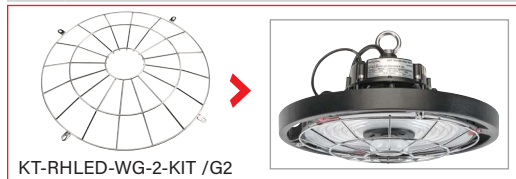
## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

#### MOUNTS AND BRACKETS

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

| ✓ | SUFFIX* | CATALOG NUMBER          | DESCRIPTION                                                                                                      | UPC          | EASY CODE |
|---|---------|-------------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   |         | KT-RHLED-JBOX-PM /G2    | J-Box Optimized for Pole Pendant and Step-Down Transformer Applications                                          | 843654133300 | RAQ-94    |
|   |         | KT-RHLED-WG-1-KIT /G2   | Wire guard kit for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.    | 843654133263 | NPV-09    |
|   |         | KT-RHLED-WG-2-KIT /G2   | Wire guard kit for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.                | 843654133270 | PHU-26    |
|   |         | KT-RHLED-SM-1-KIT-W /G2 | Surface Mount Kit for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures. Mounting Hardware Included. | 843654133249 | JXD-63    |
|   |         | KT-RHLED-SM-2-KIT-W /G2 | Surface Mount Kit for 240W Contractor Prime Round LED High Bay Fixtures. Mounting Hardware Included.             | 843654138763 | UJS-44    |



#### STEP-DOWN TRANSFORMERS

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

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



\* 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 step-down transformer units will automatically include any relevant mounting bracket.

#### LENSES

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

| ✓ | SUFFIX* | CATALOG NUMBER          | DESCRIPTION                                                                                                                  | UPC          | EASY CODE |
|---|---------|-------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   |         | KT-RHLED-AR90-1-KIT /G2 | Aluminum Dome Reflector for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.       | 843654133287 | ZOV-89    |
|   |         | KT-RHLED-AR90-2-KIT /G2 | Aluminum Dome Reflector for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.                   | 843654133294 | GBN-40    |
|   |         | KT-RHLED-CL90-1-KIT /G2 | Clear Polycarbonate Reflector for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware. | 843654133614 | FVZ-16    |
|   |         | KT-RHLED-CL90-2-KIT /G2 | Clear Polycarbonate Reflector for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.             | 843654133621 | SFZ-16    |



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



# KT-RHLEDXXX-XXCB-8XX-VDIM

## ROUND LED HIGH BAY FIXTURE

### FIXTURE ORDERING INFORMATION

| ORDER CODE                | PACK QTY. | UPC          | Easy Code | DLC PRODUCT ID |
|---------------------------|-----------|--------------|-----------|----------------|
| KT-RHLED100-11CB-840-VDIM | 1         | 843654152073 | IMC-56    | S-B9PA5D       |
| KT-RHLED100-11CB-850-VDIM |           | 843654152080 | AYJ-23    | S-FMEPIO       |
| KT-RHLED150-11CB-840-VDIM |           | 843654152097 | GDH-12    | S-QCV6TI       |
| KT-RHLED150-11CB-850-VDIM |           | 843654152103 | YIA-71    | S-Y80ULG       |
| KT-RHLED200-12CB-840-VDIM |           | 843654152110 | YIJ-22    | S-6QFJ8N       |
| KT-RHLED200-12CB-850-VDIM |           | 843654152127 | LMX-02    | S-AT7MP2       |
| KT-RHLED240-13CB-840-VDIM |           | 843654160900 | NZL-41    | TBD            |
| KT-RHLED240-13CB-850-VDIM |           | 843654160917 | THD-22    | TBD            |

### FIXTURE CATALOG NUMBER BREAKDOWN

# KT-RHLEDXXX-XXCB-8XX-VDIM

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|

- 1 Keystone Technologies
- 2 Round High Bay Fixture
- 3 LED Technology
- 4 Wattage
- 5 Circular Nominal Size
- 6 Style Designation
- 7 80 CRI
- 8 Color Temperature
- 9 0-10V Dimming

### ORDERING EXAMPLES

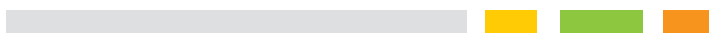
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P/EM**



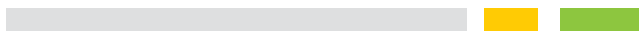
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P/480**



FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P**



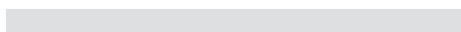
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

**KT-RHLED100-11CB-850-VDIM/FC3**



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

**KT-RHLED100-11CB-850-VDIM**



\* 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.

#### KEYSTONE FIXTURE

| CATALOG NUMBER            |
|---------------------------|
| KT-RHLED100-11CB-850-VDIM |

#### SENSORS

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

#### CORD SETS & PLUGS

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

#### EMERGENCY BACKUP

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

**Note:** Emergency backup cannot be ordered in conjunction with step-down transformer KTAT-250-480-277 /SF or field-installable KT-RHLED-JBOX-PM /G2.

#### STEP-DOWN TRANSFORMERS

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

**Note:** Step-down transformer cannot be ordered in conjunction with emergency backup KT-EMRG-LED-40SD-5000-CEN /SF.

# KT-RHLEDXXX-XXCB-8XX-VDIM

## ROUND LED HIGH BAY FIXTURE

### DESCRIPTION

Round LED High Bay Fixture | Wet Location Rated | Contractor Prime

### APPLICATION

Used for commercial and industrial High Bay lighting applications



**5 YEAR**  
WARRANTY

### PRODUCT FEATURES

- Extra compact design offers an optimal blend of performance, key features, and value
- 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
- Built-in 4kV surge protection
- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- IP65 rated, wet location

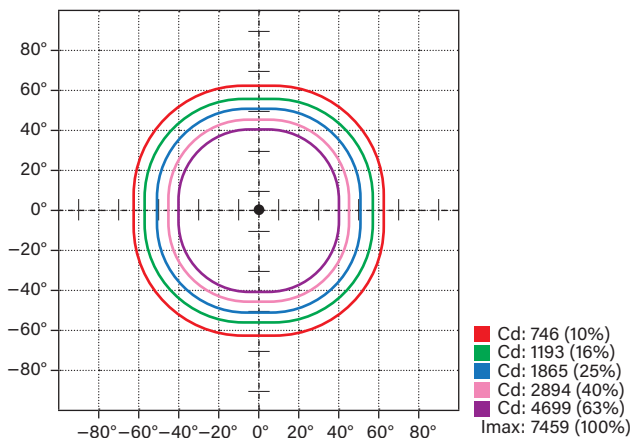
### PERFORMANCE SPECIFICATIONS

| Catalog Number            | Nominal Size | Wattage | CCT   | Lumens | Efficacy | Input Voltage | Dimmable | CRI  | Housing Color |
|---------------------------|--------------|---------|-------|--------|----------|---------------|----------|------|---------------|
| KT-RHLED100-11CB-840-VDIM | 11" circular | 100W    | 4000K | 14700  | 147 lm/W | 120–277V      | 0–10V    | > 80 | Black         |
| KT-RHLED100-11CB-850-VDIM |              |         | 5000K | 14900  | 149 lm/w |               |          |      |               |
| KT-RHLED150-11CB-840-VDIM | 11" circular | 150W    | 4000K | 22200  | 148 lm/W |               |          |      |               |
| KT-RHLED150-11CB-850-VDIM |              |         | 5000K | 22600  | 150 lm/W |               |          |      |               |
| KT-RHLED200-12CB-840-VDIM | 12" circular | 200W    | 4000K | 29400  | 147 lm/W |               |          |      |               |
| KT-RHLED200-12CB-850-VDIM |              |         | 5000K | 30000  | 150 lm/W |               |          |      |               |
| KT-RHLED240-13CB-840-VDIM | 13" circular | 240W    | 4000K | 35280  | 147 lm/W |               |          |      |               |
| KT-RHLED240-13CB-850-VDIM |              |         | 5000K | 36000  | 150 lm/W |               |          |      |               |

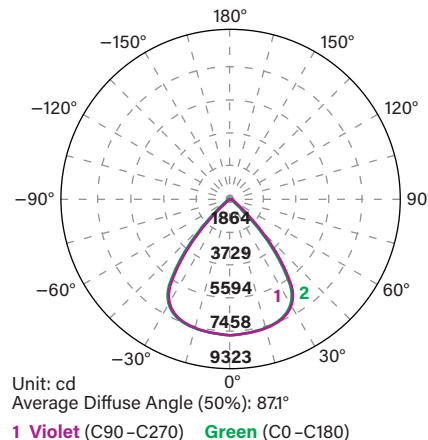
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED100-11CB-8XX-VDIM)

#### ISOCANDELA PLOT



#### LUMINOUS INTENSITY DISTRIBUTION CURVE



#### ZONAL LUMEN SUMMARY

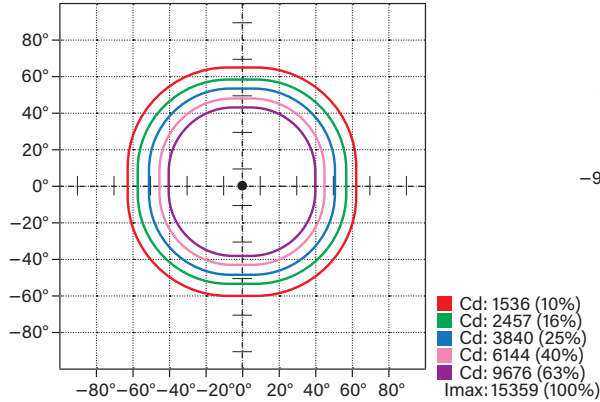
| Zone                 | Lumens      | % Luminaire |
|----------------------|-------------|-------------|
| <b>Forward Light</b> | <b>7161</b> | <b>48.3</b> |
| FL (0°–30°)          | 3022        | 20.4        |
| FM (30°–60°)         | 3740        | 25.2        |
| FH (60°–80°)         | 386         | 2.6         |
| FVH (80°–90°)        | 13          | 0.1         |
| <b>Back Light</b>    | <b>7548</b> | <b>50.9</b> |
| BL (0°–30°)          | 3062        | 20.6        |
| BM (30°–60°)         | 4044        | 27.3        |
| BH (60°–80°)         | 426         | 2.9         |
| BVH (80°–90°)        | 15          | 0.1         |
| <b>Up Light</b>      | <b>125</b>  | <b>0.8</b>  |
| UL 90°–100°          | 3           | 0.0         |
| UH 100°–180°         | 122         | 0.8         |

# KT-RHLEDXXX-XXCB-8XX-VDIM

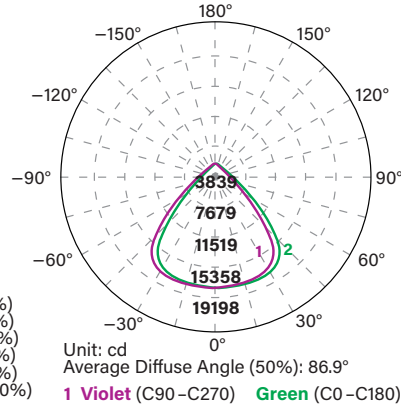
## ROUND LED HIGH BAY FIXTURE

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED150-11CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE

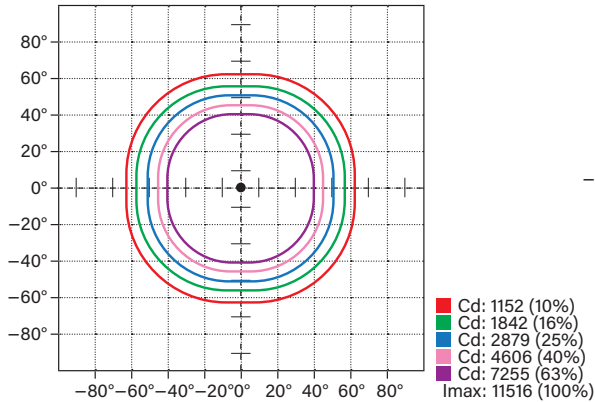


ZONAL LUMEN SUMMARY

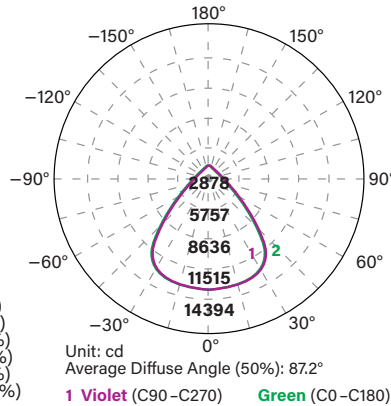
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 14439  | 47.0        |
| FL (0°-30°)   | 6248   | 20.3        |
| FM (30°-60°)  | 7430   | 24.2        |
| FH (60°-80°)  | 742    | 2.4         |
| FVH (80°-90°) | 19     | 0.1         |
| Back Light    | 16028  | 52.2        |
| BL (0°-30°)   | 6380   | 20.8        |
| BM (30°-60°)  | 8685   | 28.3        |
| BH (60°-80°)  | 934    | 3.0         |
| BVH (80°-90°) | 29     | 0.1         |
| Up Light      | 253    | 0.8         |
| UL 90°-100°   | 5      | 0.0         |
| UH 100°-180°  | 248    | 0.8         |

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED200-12CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE

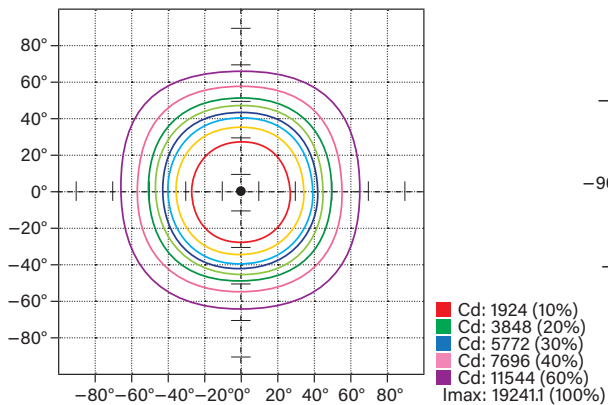


ZONAL LUMEN SUMMARY

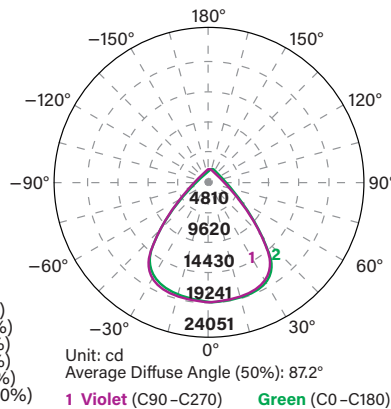
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 11354  | 49.4        |
| FL (0°-30°)   | 4747   | 20.7        |
| FM (30°-60°)  | 5975   | 26.0        |
| FH (60°-80°)  | 614    | 2.7         |
| FVH (80°-90°) | 18     | 0.1         |
| Back Light    | 11424  | 49.7        |
| BL (0°-30°)   | 4725   | 20.6        |
| BM (30°-60°)  | 6039   | 26.3        |
| BH (60°-80°)  | 639    | 2.8         |
| BVH (80°-90°) | 22     | 0.1         |
| Up Light      | 194    | 0.8         |
| UL 90°-100°   | 5      | 0.0         |
| UH 100°-180°  | 190    | 0.8         |

### PHOTOMETRIC SPECIFICATIONS (KT-RHLED240-13CB-8XX-VDIM)

ISOCANDELA PLOT



LUMINOUS INTENSITY DISTRIBUTION CURVE



ZONAL LUMEN SUMMARY

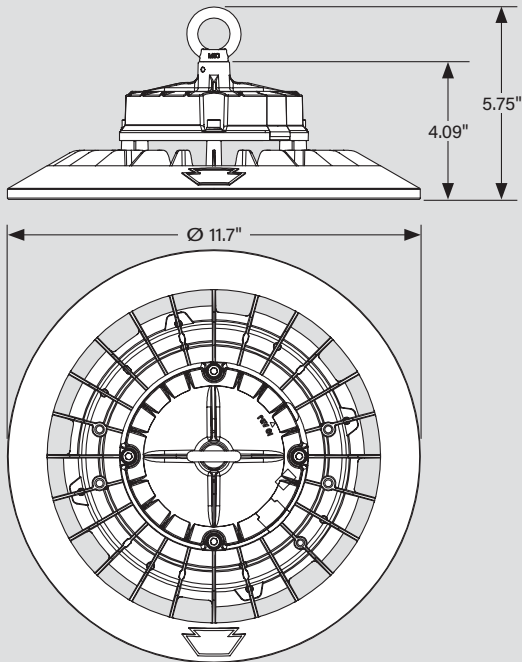
| Zone          | Lumens | % Luminaire |
|---------------|--------|-------------|
| Forward Light | 17827  | 49.8        |
| FL (0°-30°)   | 7594   | 21.2        |
| FM (30°-60°)  | 8905   | 24.9        |
| FH (60°-80°)  | 1250   | 3.5         |
| FVH (80°-90°) | 79     | 0.2         |
| Back Light    | 17888  | 49.9        |
| BL (0°-30°)   | 7691   | 21.5        |
| BM (30°-60°)  | 8918   | 24.9        |
| BH (60°-80°)  | 1210   | 3.4         |
| BVH (80°-90°) | 69     | 0.2         |
| Up Light      | 113    | 0.3         |
| UL 90°-100°   | 8      | 0.0         |
| UH 100°-180°  | 105    | 0.3         |

# KT-RHLEDXXX-XXCB-8XX-VDIM

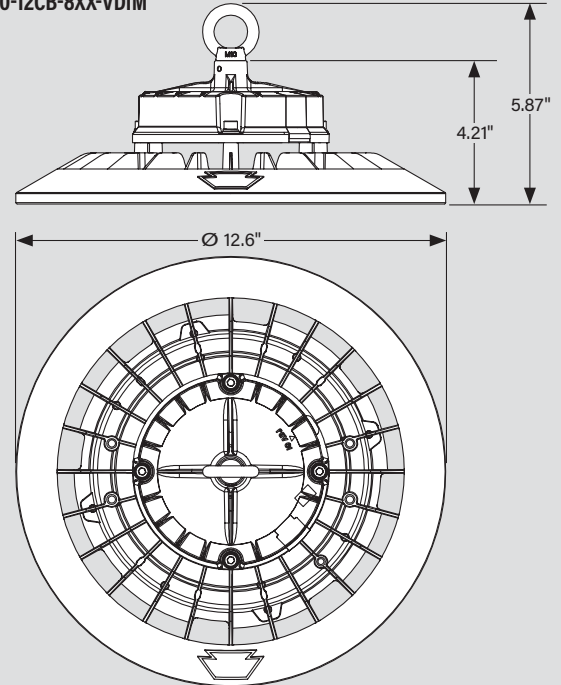
## ROUND LED HIGH BAY FIXTURE

### PHYSICAL SPECIFICATIONS

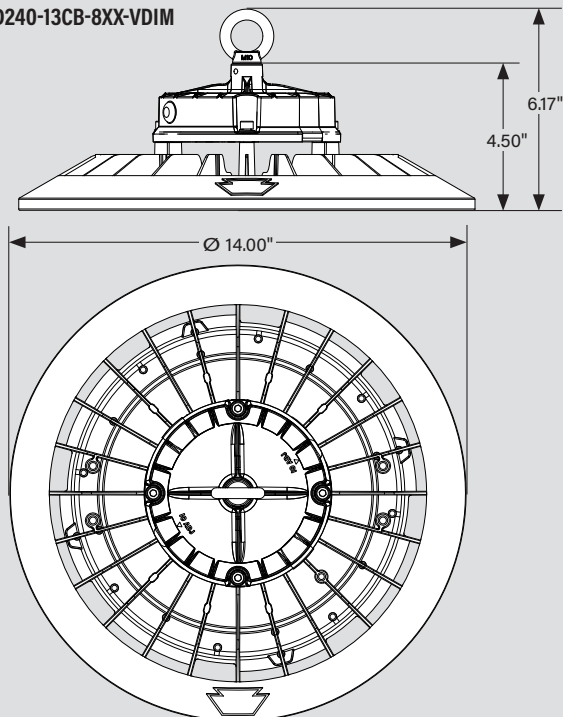
KT-RHLED100-11CB-8XX-VDIM / KT-RHLED150-11CB-8XX-VDIM



KT-RHLED200-12CB-8XX-VDIM



KT-RHLED240-13CB-8XX-VDIM



# KT-RHLEDXXX-XXCB-8XX-VDIM

## 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 roundhigh 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).

\*\* When installing on Keystone highbay lights and an IP tight connection is desired, use the xxxx 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

#### CORD SETS & 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    |

#### 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.

(Accessories continued on next page)

# KT-RHLEDXXX-XXCB-8XX-VDIM

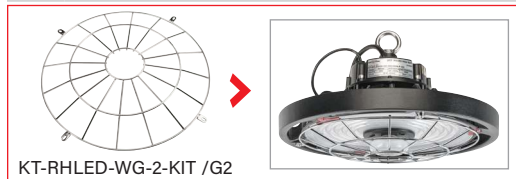
## ROUND LED HIGH BAY FIXTURE

### ACCESSORIES (continued)

#### MOUNTS AND BRACKETS

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

| ✓ | SUFFIX* | CATALOG NUMBER          | DESCRIPTION                                                                                                      | UPC          | EASY CODE |
|---|---------|-------------------------|------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   |         | KT-RHLED-JBOX-PM /G2    | J-Box Optimized for Pole Pendant and Step-Down Transformer Applications                                          | 843654133300 | RAQ-94    |
|   |         | KT-RHLED-WG-1-KIT /G2   | Wire guard kit for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.    | 843654133263 | NPV-09    |
|   |         | KT-RHLED-WG-2-KIT /G2   | Wire guard kit for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.                | 843654133270 | PHU-26    |
|   |         | KT-RHLED-SM-1-KIT-W /G2 | Surface Mount Kit for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures. Mounting Hardware Included. | 843654133249 | JXD-63    |
|   |         | KT-RHLED-SM-2-KIT-W /G2 | Surface Mount Kit for 240W Contractor Prime Round LED High Bay Fixtures. Mounting Hardware Included.             | 843654138763 | UJS-44    |



#### STEP-DOWN TRANSFORMERS

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

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



\* 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 step-down transformer units will automatically include any relevant mounting bracket.

#### LENSES

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

| ✓ | SUFFIX* | CATALOG NUMBER          | DESCRIPTION                                                                                                                  | UPC          | EASY CODE |
|---|---------|-------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------|-----------|
|   |         | KT-RHLED-AR90-1-KIT /G2 | Aluminum Dome Reflector for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.       | 843654133287 | ZOV-89    |
|   |         | KT-RHLED-AR90-2-KIT /G2 | Aluminum Dome Reflector for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.                   | 843654133294 | GBN-40    |
|   |         | KT-RHLED-CL90-1-KIT /G2 | Clear Polycarbonate Reflector for 100W, 150W, 200W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware. | 843654133614 | FVZ-16    |
|   |         | KT-RHLED-CL90-2-KIT /G2 | Clear Polycarbonate Reflector for 240W Contractor Prime Round LED High Bay Fixtures; Includes mounting hardware.             | 843654133621 | SFZ-16    |



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



# KT-RHLEDXXX-XXCB-8XX-VDIM

## ROUND LED HIGH BAY FIXTURE

### FIXTURE ORDERING INFORMATION

| ORDER CODE                | PACK QTY. | UPC          | Easy Code | DLC PRODUCT ID |
|---------------------------|-----------|--------------|-----------|----------------|
| KT-RHLED100-11CB-840-VDIM | 1         | 843654152073 | IMC-56    | S-B9PA5D       |
| KT-RHLED100-11CB-850-VDIM |           | 843654152080 | AYJ-23    | S-FMEPIO       |
| KT-RHLED150-11CB-840-VDIM |           | 843654152097 | GDH-12    | S-QCV6TI       |
| KT-RHLED150-11CB-850-VDIM |           | 843654152103 | YIA-71    | S-Y80ULG       |
| KT-RHLED200-12CB-840-VDIM |           | 843654152110 | YIJ-22    | S-6QFJ8N       |
| KT-RHLED200-12CB-850-VDIM |           | 843654152127 | LMX-02    | S-AT7MP2       |
| KT-RHLED240-13CB-840-VDIM |           | 843654160900 | NZL-41    | TBD            |
| KT-RHLED240-13CB-850-VDIM |           | 843654160917 | THD-22    | TBD            |

### FIXTURE CATALOG NUMBER BREAKDOWN

# KT-RHLEDXXX-XXCB-8XX-VDIM

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|

- 1 Keystone Technologies
- 2 Round High Bay Fixture
- 3 LED Technology
- 4 Wattage
- 5 Circular Nominal Size
- 6 Style Designation
- 7 80 CRI
- 8 Color Temperature
- 9 0-10V Dimming

### ORDERING EXAMPLES

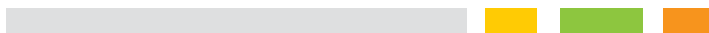
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P/EM**



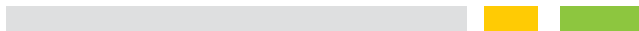
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P/480**



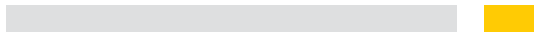
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES\*

**KT-RHLED100-11CB-850-VDIM/FC3/L515P**



FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

**KT-RHLED100-11CB-850-VDIM/FC3**



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

**KT-RHLED100-11CB-850-VDIM**



\* 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.

#### KEYSTONE FIXTURE

| CATALOG NUMBER            |
|---------------------------|
| KT-RHLED100-11CB-850-VDIM |

#### SENSORS

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

#### CORD SETS & PLUGS

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

#### EMERGENCY BACKUP

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

**Note:** Emergency backup cannot be ordered in conjunction with step-down transformer KTAT-250-480-277 /SF or field-installable KT-RHLED-JBOX-PM /G2.

#### STEP-DOWN TRANSFORMERS

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

**Note:** Step-down transformer cannot be ordered in conjunction with emergency backup KT-EMRG-LED-40SD-5000-CEN /SF.