



KT-HBLED185-2F-8XX-VDIM-P /G2

LED HIGH BAY FIXTURE

DESCRIPTION

Complete Compact LED High Bay Fixture

APPLICATION

Used for commercial and industrial high bay lighting applications



PRODUCT FEATURES

- Architectural grade compact design
- Designed to accept easy screw-in installation of optional sensors via 1/2" threaded receptacle in driver cover
- Compatible with Keystone SmartSafe emergency LED drivers (see accessories section for details)
- Powered by Keystone 0-10V dimming LED drivers with 12V Aux
- Frosted lens eliminates glare
- V-hook and chain mounting accessories included
- UL Listed 1598: Suitable for dry and damp locations
- Ambient operating temperature: -20°C/-4°F to 50°C/122°F
- THD: < 20%
- PF: > 0.90
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp.
- Not for use in industrial / manufacturing applications where there is notable chemical*

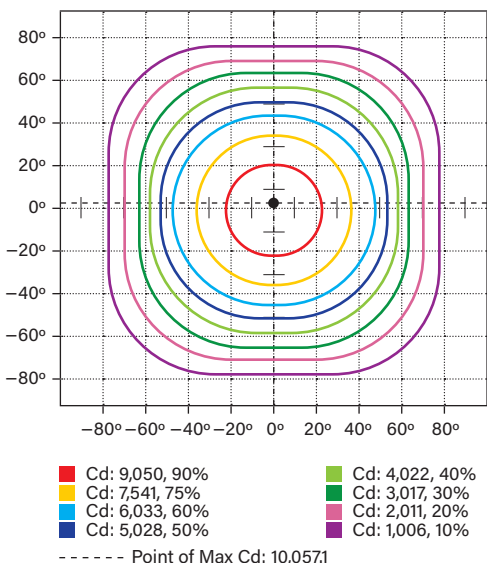
Note: This LED light fixture is not suitable for use in applications where there is presence of caustic or corrosive chemicals in the environment / facility (including, but not limited to, various sulfuric and hydrochloric acids, sodium hydroxide, chlorine, degreasing solvents like acetone and methyl ethyl ketone, ammonia, and hydrogen peroxide) See disclaimer on warranty statement for more details. Please consult with Keystone for additional information if this may be a concern.

PERFORMANCE SPECIFICATIONS

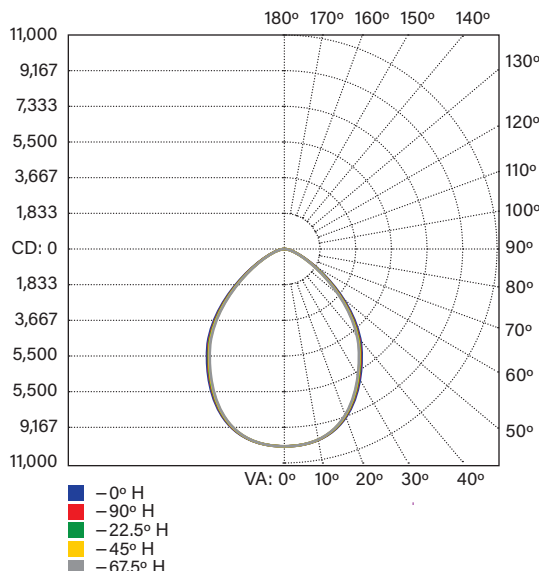
| CATALOG NUMBER | NOMINAL LENGTH | INPUT VOLTAGE | CCT | WATTAGE | LUMEN OUTPUT | EFFICACY | CRI | POWER FACTOR | LIFETIME |
|-------------------------------|----------------|---------------|-------|---------|--------------|----------|--------|--------------|------------|
| KT-HBLED185-2F-840-VDIM-P /G2 | 2 ft. | 120-277V | 4000K | 185W | 27,750 | 150 lm/W | > 80.0 | >0.90 | 50,000 hrs |
| KT-HBLED185-2F-850-VDIM-P /G2 | 2 ft. | 120-277V | 5000K | 185W | 27,935 | 151 lm/W | > 80.0 | >0.90 | 50,000 hrs |

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



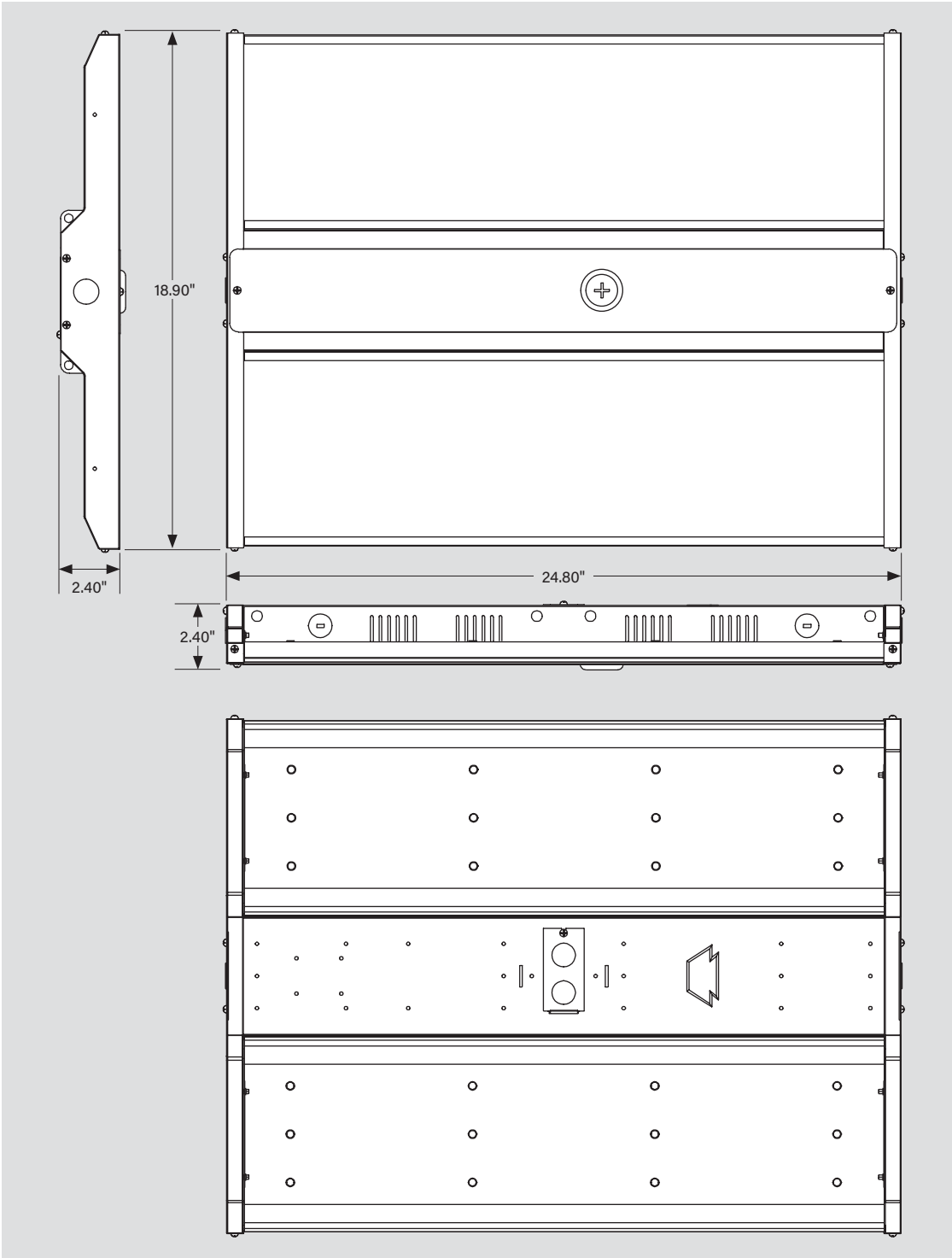
ZONAL LUMEN SUMMARY

| Zone | Lumens | % Luminaire |
|--------|----------|-------------|
| 0-30 | 7,726.2 | 29.90% |
| 0-40 | 12,549.1 | 48.60% |
| 0-60 | 21,340.8 | 82.60% |
| 60-90 | 4,432.5 | 17.10% |
| 70-100 | 1,707.8 | 6.60% |
| 90-120 | 20.8 | 0.10% |
| 0-90 | 25,773.3 | 99.70% |
| 90-180 | 72.7 | 0.30% |
| 0-180 | 25,845.9 | 100% |

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PHYSICAL SPECIFICATIONS





KT-HBLED185-2F-8XX-VDIM-P /G2

LED HIGH BAY FIXTURE

ACCESSORIES

SENSORS AND CONTROLLERS

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

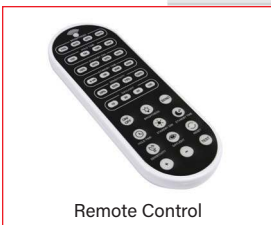
| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---------|----------------------|--|--------------|-----------|
| | /HBFC1 | KTSL-HBFC1-UV-KO-PIR | Smart Loop Bluetooth mesh PIR occupancy sensor with built-in fixture controller | 843654129266 | A EJ-50 |
| | /FC3 | KTSL-FC3-12V-PKO-PIR | 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 | Smart Loop Bluetooth mesh screw-in low voltage fixture controller, 12V, 0-10V Dimming | 843654149066 | RUN-10 |
| | /PIR2 | KTS-PIR2-UV-KO | PIR sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled | 843654123288 | IOF-04 |
| | /PIR-A | KTS-PIR3-12V-PKO /A | Smart Port PIR sensor for high bay fixtures; Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled | 843654133638 | RXQ-30 |
| | /PIR-B | KTS-PIR3-12V-PKO /B | Smart Port PIR sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled | 843654133645 | LEF-34 |
| | /MW3-A | KTS-MW3-12V PKO /A | Smart Port Microwave Occupancy sensor for high bay fixtures; 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 | Smart Port Microwave Occupancy sensor for high bay fixtures; Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled | 843654133324 | SPF-37 |



* 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 /A or /B sensors. Used to set and adjust all sensor settings, including high-end trim brightness, sensitivity, hold time, daylight threshold, stand-by time, and stand-by dimming level. | 843654132020 | XSR-61 |



(Accessories continued on next page)

KT-HBLE185-2F-8XX-VDIM-P /G2

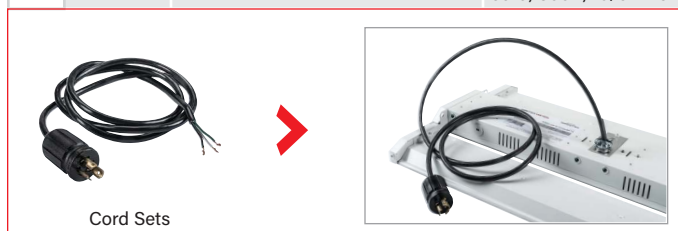
LED HIGH BAY FIXTURE

ACCESSORIES (continued)

CORD SETS

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

| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|----------|---------------------|--|--------------|-----------|
| | /515P6 | KT-CS-515P-6-18/3 | Cord set for high bay; 125V NEMA 5-15P; straight blade plug; 6' SJTOW cable; 18/3 wire | 843654140124 | UKH-26 |
| | /L715P10 | KT-CS-L715P-10-16/3 | Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140131 | SFV-88 |
| | /L615P10 | KT-CS-L615P-10-16/3 | Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140148 | ZQS-05 |
| | /L515P10 | KT-CS-L515P-10-16/3 | Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 10' SJTOW cable; 16/3 wire | 843654140155 | GVH-22 |
| | /L715P6 | KT-CS-L715P-6-16/3 | Cord set for high bays; 277V NEMA L7-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140162 | DVU-44 |
| | /L615P6 | KT-CS-L615P-6-16/3 | Cord set for high bays; 250V NEMA L6-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140179 | LCW-66 |
| | /L515P6 | KT-CS-L515P-6-16/3 | Cord set for high bays; 125V NEMA L5-15P; twist lock plug; 6' SJTOW cable; 16/3 wire | 843654140186 | POC-82 |
| | /MC63 | KT-MC-NP-6-18/3 | MC cable whip for high bays; no plug; inners 1/2" strip on both ends; 6' metal-clad cable; 18/3 wire | 843654134505 | EYP-82 |
| | /MC65 | KT-MC-NP-6-18/5 | MC cable whip for high bays; no plug; inners 1/2" strip on both ends; 6' metal-clad cable; 18/5 wire (dimming wires included) | 843654134512 | CBU-56 |
| | /NP10 | KT-CS-NP-10-16/3 | Cord for high bays; no plug; inners 1/2" strip on both ends; 10' SJTOW cable; 16/3 wire | 843654140193 | YOH-90 |
| | /NP6 | KT-CS-NP-6-16/3 | Cord for high bays; no plug; inners 1/2" strip on both ends; 6' SJTOW cable; 16/3 wire | 843654140216 | HUB-73 |
| | /NP15 | KT-CS-NP-15-16/3 | Cord for high bays; no plug; inners 1/2" strip on both ends; 15' SJTOW cable; 16/3 wire | 843654140209 | EYD-18 |
| | /NP6D | KT-CS-NP-6-18/5 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 6' long black SJTOW cable; 300V; 18/5 wire | 843654153346 | ANT-58 |
| | /NP6D | KT-CS-NP-6-18/6 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 6' long black SJTOW cable; 300V; 18/6 wire. For use with Emergency | 843654153353 | ZRX-06 |
| | /NP10D | KT-CS-NP-10-18/5 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 10" long black SJTOW cord; 300V; 18/5 wire | 843654153360 | DSZ-45 |
| | /NP10D | KT-CS-NP-10-18/6 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 10" long black SJTOW cord; 300V; 18/6 wire. For use with Emergency | 843654153377 | FFI-18 |
| | /NP15D | KT-CS-NP-15-18/5 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 15" long black SJTOW cord; 300V; 18/5 wire | 843654153384 | JEB-96 |
| | /NP15D | KT-CS-NP-15-18/6 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 15" long black SJTOW cord; 300V; 18/6 wire. For use with Emergency | 843654153391 | RQV-39 |
| | /NP20D | KT-CS-NP-20-18/5 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 20" long black SJTOW cord; 300V; 18/5 wire | 843654154442 | USN-91 |
| | /NP20D | KT-CS-NP-20-18/6 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 20" long black SJTOW cord; 300V; 18/6 wire. For use with Emergency | 843654154459 | JCN-20 |
| | /NP22D | KT-CS-NP-22-18/5 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 20" long black SJTOW cord; 300V; 18/5 wire | 843654153407 | DUH-47 |
| | /NP22D | KT-CS-NP-22-18/6 | Cord for fixtures; no plug; inners 1/2" strip on both ends; 20" long black SJTOW cord; 300V; 18/6 wire. For use with Emergency | 843654153414 | ITP-55 |



* For factory installation of accessory, add suffix to fixture part number (see ordering examples and instructions on last page of spec sheet).
Note: For cord sets not listed here, please contact your Keystone sales rep.

(Accessories continued on next page)



KT-HBLED185-2F-8XX-VDIM-P /G2

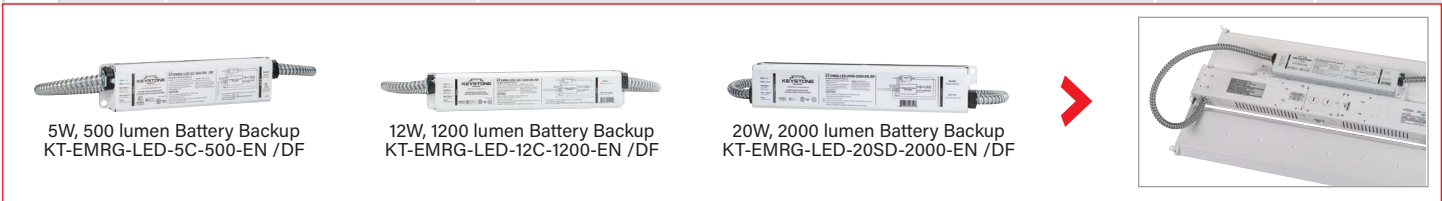
LED HIGH BAY FIXTURE

ACCESSORIES (continued)

EMERGENCY BACKUP

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

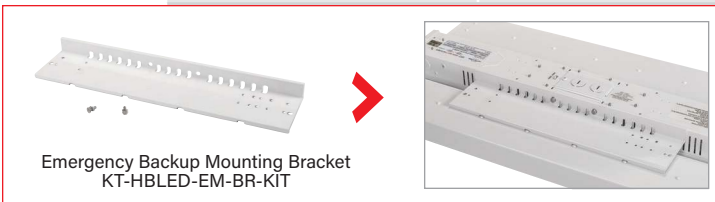
| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---------|------------------------------|--|--------------|-----------|
| | /EM5† | KT-EMRG-LED-5C-500-EN /DF | 5W, 500 lumen Smart Safe emergency backup with dual flex cables | 843654132433 | RAR-74 |
| | /EM12† | KT-EMRG-LED-12C-1200-EN /DF | 12W, 1200 lumen Smart Safe emergency backup with dual flex cables | 890949019900 | YCV-23 |
| | /EM20† | KT-EMRG-LED-20SD-2000-EN /DF | 20W, 2000 lumen Smart Safe emergency backup with dual flex cables; Self-diagnostic | 843654103143 | BZU-19 |



* 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.

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

| CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|--------------------|---|--------------|-----------|
| KT-HBLED-EM-BR-KIT | Emergency LED backup mounting bracket kit for LED high bay fixtures | 843654110066 | OGY-07 |



(Accessories continued on next page)

KT-HBLEDD185-2F-8XX-VDIM-P /G2

LED HIGH BAY FIXTURE

ACCESSORIES (continued)

MOUNTS AND BRACKETS

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

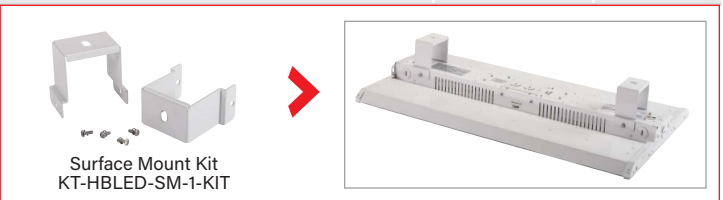
| ✓ | SUFFIX* | CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---|---------|------------------------|---|--------------|-----------|
| | /WG-2 | KT-HBLEDD-WG-2-KIT /G2 | Wire guard kit for 2.0' /G2 linear LED high bay fixtures (185W) | 843654137766 | NJN-71 |



* 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)

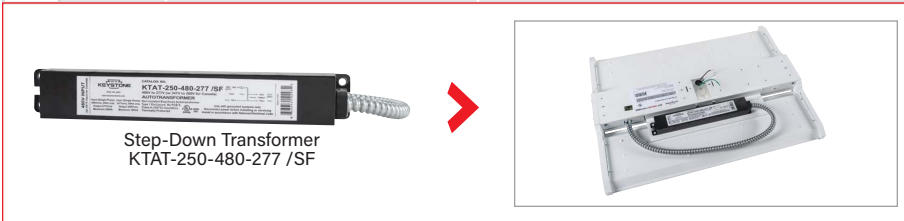
| CATALOG NUMBER | DESCRIPTION | UPC | EASY CODE |
|---------------------|--|--------------|-----------|
| KT-HBLEDD-PM-1-KIT | Pendant mount kit for LED high bay fixtures | 890919020042 | HRV-72 |
| KT-HBLEDD-SM-1-KIT | Surface mount kit for LED high bay fixtures | 890919020035 | LDN-61 |
| KT-HBLEDD-CABLE-KIT | Aircraft cable hanging kit for LED high bay fixtures | 890949012871 | XPJ-88 |



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.

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



KT-HBLED185-2F-8XX-VDIM-P /G2

LED HIGH BAY FIXTURE

FIXTURE ORDERING INFORMATION

| ORDER CODE | PACK QTY. | UPC | EASY CODE | DLC PRODUCT ID |
|-------------------------------|-----------|--------------|-----------|----------------|
| KT-HBLED185-2F-840-VDIM-P /G2 | 1 | 843654136769 | MTS-64 | PLVZ8UCO |
| KT-HBLED185-2F-850-VDIM-P /G2 | 1 | 843654136776 | XRA-69 | PUXR4BW1 |

FIXTURE CATALOG NUMBER BREAKDOWN

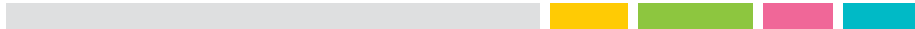
KT-HBLED185-2F-8XX-VDIM-P /G2

| | | | | | | | | | |
|--------------------------------|-------------------------------|------------------|-------------------------|-----------------------|-----------------|----------------------------|------------------------|-------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 Keystone Technologies | 2 LED High Bay Fixture | 3 Wattage | 4 Nominal Length | 5 Frosted Lens | 6 80 CRI | 7 Color Temperature | 8 0-10V Dimming | 9 Premium Series | 10 2nd Generation |

ORDERING EXAMPLES

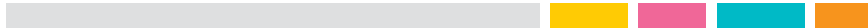
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-HBLED185-2F-840-VDIM-P /G2/PIR2/L715P6/EM5/WG-2



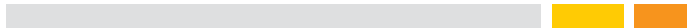
FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

KT-HBLED185-2F-840-VDIM-P /G2/PIR2/EM5/WG-2/480



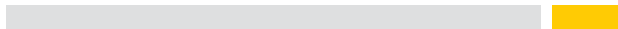
FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

KT-HBLED185-2F-840-VDIM-P /G2/PIR2/480



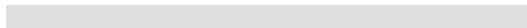
FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

KT-HBLED185-2F-840-VDIM-P /G2/PIR2



FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

KT-HBLED185-2F-840-VDIM-P /G2



| KEYSTONE FIXTURE | |
|-------------------------------|--|
| CATALOG NUMBER | |
| KT-HBLED185-2F-840-VDIM-P /G2 | |

| SENSORS AND CONTROLLERS | |
|---|----------------|
| SUFFIX | CATALOG NUMBER |
| <input checked="" type="checkbox"/> /PIR2 | KTS-PIR2-UV-KO |

| CORD SETS | |
|---|--------------------|
| SUFFIX | CATALOG NUMBER |
| <input checked="" type="checkbox"/> /L715P6 | KT-CS-L715P-6-16/3 |

| EMERGENCY BACKUP | |
|--|---------------------------|
| SUFFIX | CATALOG NUMBER |
| <input checked="" type="checkbox"/> /EM5 | KT-EMRG-LED-5C-500-EN /DF |

| MOUNTS AND BRACKETS | |
|---|-----------------------|
| SUFFIX | CATALOG NUMBER |
| <input checked="" type="checkbox"/> /WG-2 | KT-HBLED-WG-2-KIT /G2 |

| STEP-DOWN TRANSFORMERS | |
|--|----------------------|
| SUFFIX | CATALOG NUMBER |
| <input checked="" type="checkbox"/> /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.