

KT-HBLED215PS-2FB-8CSD-VDIM-P

LED HIGH BAY FIXTURE

DESCRIPTION

2' LED High Bay Fixture | 120–277V Input | Frosted Lens |
0–10V Dimming | Premium Series

APPLICATION

Used for commercial and industrial high bay lighting applications



10 YEAR
LIMITED WARRANTY

PRODUCT FEATURES

- Powered by Keystone 0–10V dimming LED drivers
- Smooth diffused lens for an even appearance
- 0–10V Dimming, Dim-to-off
- Compatible with Keystone SmartSafe emergency LED drivers
- Compatible with Keystone 480–277V step down transformers
- Built in port to accept Quick install Keystone sensor (KTS-MW3-12V-PKO & KTS-PIR3-12V-PKO.) NO wiring required
- Ambient operating temperature: –40°C/–40°F to 50°C/122°F
- UL Listed 1598: Suitable for damp locations
- THD: < 20%
- Power factor > 0.95

- LED chip lifetime: L70 >100,000 hours @ 25°C/77°F ambient fixture temperature
- DLC Premium Listed
- Architectural grade compact design
- Frosted lens eliminates glare
- V-hook and chain mounting accessories included
- Compatible with Keystone SmartSafe emergency LED drivers; KT-EMRG-LED-12C-1200-EN /DF and KT-EMRG-LED-20SD-2000-EN /DF are optimal for fixture level installation; mounting kit KT-HBLED-EM-BR-1B-KIT required (sold separately)

**** TAA options available. See Ordering Information below**

POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (215W/175W/135W)



PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Power Factor	Lifetime
KT-HBLED215PS-2FB-8CSD-VDIM-P	120–277V	215W	4000K	30,500	142 lm/W	> 80	> 0.90	50,000 hrs
			5000K	30,600	142 lm/W			
		175W	4000K	25,900	148 lm/W			
			5000K	26,000	149 lm/W			
		135W	4000K	20,800	154 lm/W			
			5000K	20,900	155 lm/W			

ONE CATALOG NUMBER WITH 6 DIFFERENT OPTIONS

* Preset to highest lumen output (215W / 5000K)

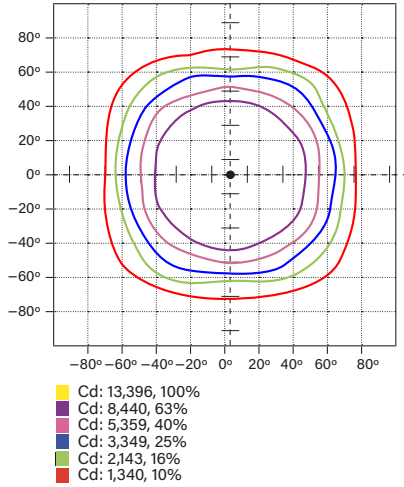
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

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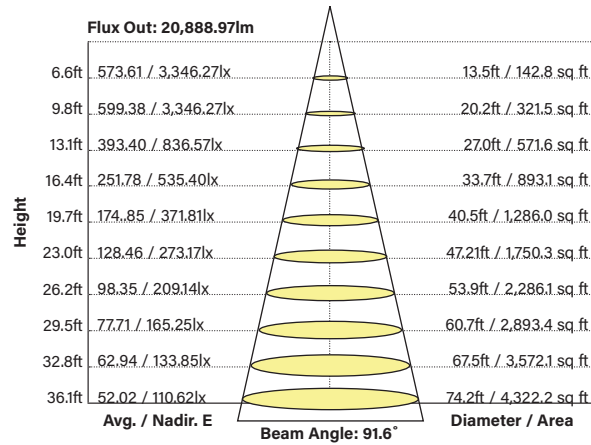
LED HIGH BAY FIXTURE

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



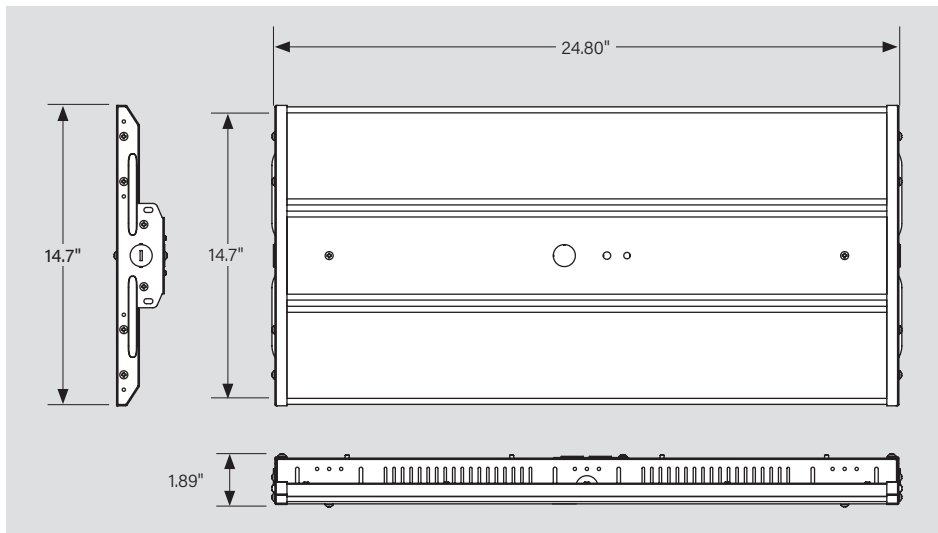
AVERAGE ILLUMINANCE



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lumi-naire
0-60	27,071	88%
60-90	3,353	11%
0-90	30,424	99%
90-180	256	1%
0-180	30,680	100%

PHYSICAL SPECIFICATIONS



Weight 12.6 lb

KT-HBLED215PS-2FB-8CSD-VDIM-P

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ACCESSORIES

SENSORS/CONTROLLERS

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	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



Smart Loop PIR Sensor
KTSL-FC3-12V-PKO-PIR



Standard PIR Sensor
KTS-PIR2-UV-KO



Smart Port PIR Sensor
KTS-PIR3-12V PKO /A
KTS-PIR3-12V PKO /B



Smart Port Microwave Sensor
KTS-MW3-12V PKO /A
KTS-MW3-12V PKO /B



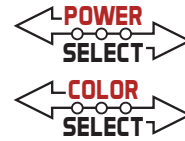
Field-Installable / Field-Use ONLY (purchased separately)

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



Remote Control

(Accessories continued on next page)



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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

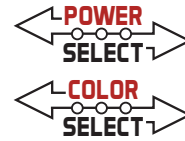


Cord Sets



* 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)



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ACCESSORIES (continued)

EMERGENCY BACKUPS

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



5W, 500 lumen Battery Backup
KT-EMRG-LED-5C-500-EN /DF



12W, 1200 lumen Battery Backup
KT-EMRG-LED-12C-1200-EN /DF



20W, 2000 lumen Battery Backup
KT-EMRG-LED-20SD-2000-EN /DF



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

** KT-HBLED215PS-2FB-8CSD-VDIM-P /EM12 Available for Quick Ship

† 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-1B-KIT	Emergency LED backup mounting bracket kit for LED high bay fixtures	843654133737	LAJ-08



Emergency Backup Mounting Bracket
KT-HBLED-EM-BR-1B-KIT



(Accessories continued on next page)

KT-HBLED215PS-2FB-8CSD-VDIM-P

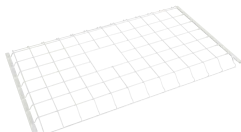
LED HIGH BAY FIXTURE

ACCESSORIES (continued)

MOUNTS/BRACKETS

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

✓	SUFFIX*	CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
	/WG	KT-HBLED-WG-1B-KIT	Wire guard kit for 2FB Linear LED high bay fixtures	843654134765	GSX-74



Wire Guard Kit
KT-HBLED-WG-1B-KIT



* 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)

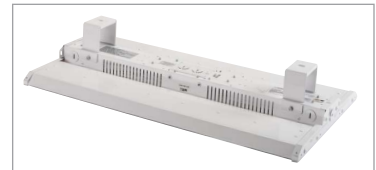
CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-HBLED-PM-1B-KIT	Pendant mount kit for LED high bay fixtures	843654133706	XAA-31
KT-HBLED-SM-1B-KIT	Surface mount kit for LED high bay fixtures	843654133690	LGJ-33
KT-HBLED-CABLE-1B-KIT	Aircraft cable hanging kit for LED high bay fixtures	843654133720	WMG-60



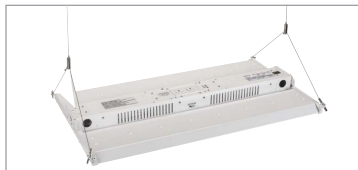
Pendant Mount Kit
KT-HBLED-PM-1B-KIT



Surface Mount Kit
KT-HBLED-SM-1B-KIT



Cable Mount Kit
KT-HBLED-CABLE-1B-KIT



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



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).

† 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).

