HB-LED-2B-215PS-8CSD-P

2' LED HIGH BAY

Compact 215W LED High Bay Fixture; 120–277V Input, 0–10V Dimming

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

PRODUCT FEATURES

- Architectural grade compact design
- Includes screw-in receptacle for easy sensor and control installation
- Compatible with emergency LED drivers; mounting kit required (sold separately)
- Powered by 0-10V dim-to-off driver with 12VDC, 200mA AUX output
- Frosted lens eliminates glare
- Smooth diffused lens for an even appearance
- Compatible with 480–277V step down transformers
- Built in port to accept Quick install sensor, NO wiring required

- V-hook and chain mounting accessories included
- UL Certified for Dry and Damp Locations
- Ambient operating temperature: −40ºC/−4ºF to 50ºC/122ºF
- THD: < 20%
- PF: > 0.95
- LED chip lifetime: L70 >50,000 hrs @ 25Cº/77Fº ambient fixture temp.

10 YEAR LIMITED WARRANTY

POWER AND COLOR TEMPERATURE SELECTABILITY

- CCT Selectable Technology: Adjustable CCT (4000K/5000K)
- Wattage Selectable Technology: Adjustable Wattage (215W/175W/135W)

PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Power Factor	Lifetime
HB-LED-2B-215PS-8CSD-P	120–277V	215W	4000K	30,600	142 lm/W	> 80	> 0.90	50,000 hrs
			5000K					
		175W	4000K	26,000	149 lm/W			
			5000K					
		135W	4000K	20,900	155 lm/W			
			5000K					

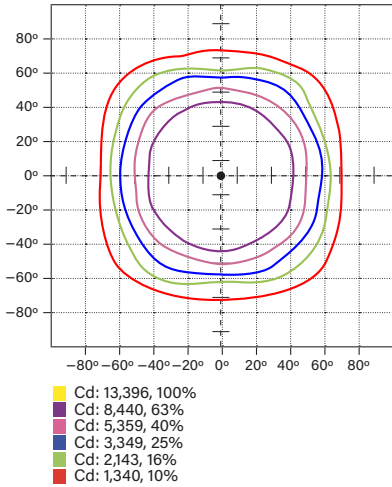* Preset to highest lumen output (215W / 5000K)
* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.
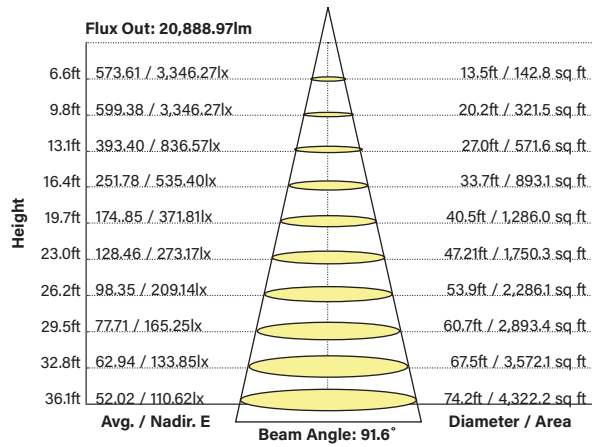
HB-LED-2B-215PS-8CSD-P
2' LED HIGHBAY

PHOTOMETRIC SPECIFICATIONS

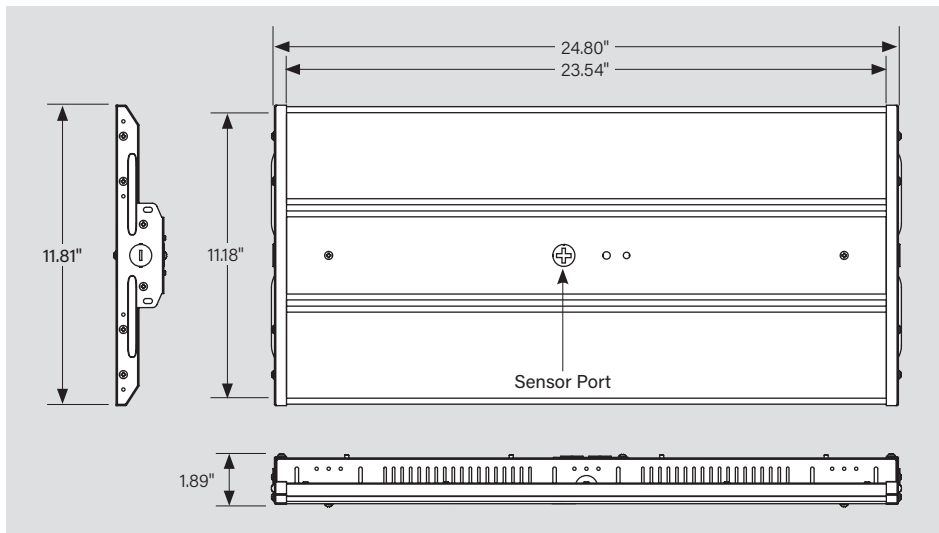### ISOCANDELA PLOT

- Cd: 13,396, 100%
- Cd: 8,440, 63%
- Cd: 5,359, 40%
- Cd: 3,349, 25%
- Cd: 2,143, 16%
- Cd: 1,340, 10%

AVERAGE ILLUMINANCE

Flux Out: 20,888.97lm

Height	Avg. / Nadir. E	Diameter / Area
6.6ft	573.61 / 3,346.27lx	13.5ft / 142.8 sq ft
9.8ft	599.38 / 3,346.27lx	20.2ft / 321.5 sq ft
13.1ft	393.40 / 836.57lx	27.0ft / 571.6 sq ft
16.4ft	251.78 / 535.40lx	33.7ft / 893.1 sq ft
19.7ft	174..85 / 371.81lx	40.5ft / 1,286.0 sq ft
23.0ft	128.46 / 273.17lx	47.21ft / 1,750.3 sq ft
26.2ft	98.35 / 209.14lx	53.9ft / 2,286.1 sq ft
29.5ft	77.71 / 165.25lx	60.7ft / 2,893.4 sq ft
32.8ft	62.94 / 133.85lx	67.5ft / 3,572.1 sq ft
36.1ft	52.02 / 110.62lx	74.2ft / 4,322.2 sq ft

Beam Angle: 91.6°

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	27,071	88%
60-90	3,353	11%
0-90	30,424	100%

PHYSICAL SPECIFICATIONS

24.80"
23.54"
11.81"
11.18"
1.89"
Sensor Port

Weight	12.6 lb

HB-LED-2B-215PS-8CSD-P
2' LED HIGH BAY

ACCESSORIES

SENSORS AND CONTROLLERS

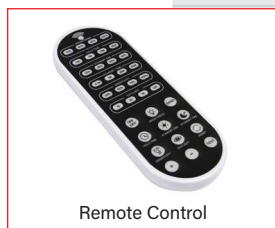**Factory-Installable OR Field-Installable** (field-installable purchased separately)

✓	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

* 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

Remote Control

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2' LED HIGH BAY

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)

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

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

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

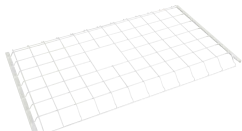| CATALOG NUMBER	DESCRIPTION	UPC	EASY CODE
KT-HBLED-EM-BR-1B-KIT	Emergency LED backup mounting bracket kit for LED high bay fixtures	843654133737	LAJ-08

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

MOUNTS AND 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).

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2' LED HIGH BAY

ACCESSORIES (continued)

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).

HB-LED-2B-215PS-8CSD-P
2' LED HIGH BAY

ORDERING INFORMATION

Catalog Number	Pack Quantity	UPC	Easy Code
HB-LED-2B-215PS-8CSD-P	1	843654134390	JIF-88

FIXTURE CATALOG NUMBER BREAKDOWN

HB-LED-2B-215PS-8CSD-P

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

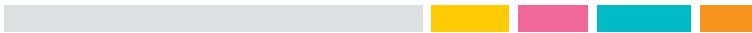|	
1 High Bay Fixture	**6** Wattage Selectable
2 LED	**7** 80 CRI
3 Nominal Length	**8** CCT Selectable
4 Shape	**9** CCT Designation
5 Wattage	**10** Premium Series

ORDERING EXAMPLES

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*

HB-LED-2B-215PS-8CSD-P/PIR2/L715P6/EM5/WG-4

FIXTURE WITH MULTIPLE FACTORY-INSTALLED ACCESSORIES*
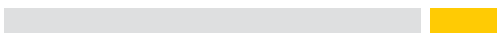
HB-LED-2B-215PS-8CSD-P/PIR2/EM5/WG-4/480

FIXTURE WITH TWO FACTORY-INSTALLED ACCESSORIES*

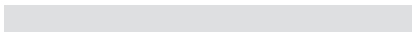**HB-LED-2B-215PS-8CSD-P/PIR2/480**

FIXTURE WITH SINGLE FACTORY-INSTALLED ACCESSORY

HB-LED-2B-215PS-8CSD-P/PIR2

FIXTURE WITH NO FACTORY-INSTALLED ACCESSORIES

HB-LED-2B-215PS-8CSD-P

* When ordering more then 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
HB-LED-2B-215PS-8CSD-P

SENSORS AND CONTROLLERS

✓	SUFFIX	CATALOG NUMBER
✓	/PIR2	KTS-PIR2-UV-KO

CORD SETS

✓	SUFFIX	CATALOG NUMBER
✓	/L715P6	KT-CS-L715P-6-16/3

EMERGENCY BACKUP

✓	SUFFIX	CATALOG NUMBER
✓	/EM5	KT-EMRG-LED-5C-500-EN /DF

MOUNTS AND BRACKETS

✓	SUFFIX	CATALOG NUMBER
✓	/WG-4	KT-HBLED-WG-4-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).