



# KT-HBLED105PS-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



### 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
- L70 > 50,000 hours
- 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)

### POWER AND COLOR TEMPERATURE SELECTABILITY

- Keystone Color Select Technology: Adjustable CCT (4000K/5000K)
- Keystone Power Select Technology: Adjustable Wattage (105W/90W/65W)



### PRODUCT SPECIFICATIONS

Catalog Number	Input Voltage	Wattage	CCT	Lumen Output	Efficacy	CRI	Power Factor	Lifetime
KT-HBLED105PS-2FB-8CSD-VDIM-P	120–277V	105W	4000K	15,200	145 lm/W	> 80	> 0.90	50,000 hrs
			5000K	15,300	146 lm/W			
		90W	4000K	13,400	149 lm/W			
			5000K	13,500	150 lm/W			
		65W	4000K	10,100	155 lm/W			
			5000K	10,200	157 lm/W			

### ONE CATALOG NUMBER WITH 6 DIFFERENT OPTIONS

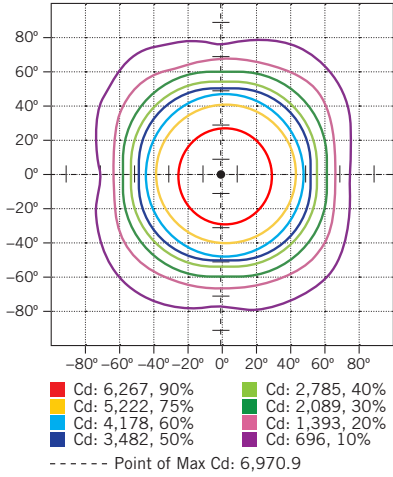
\* Preset to highest lumen output (105W / 5000K)  
 \* Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

# KT-HBLEDD105PS-2FB-8CSD-VDIM-P

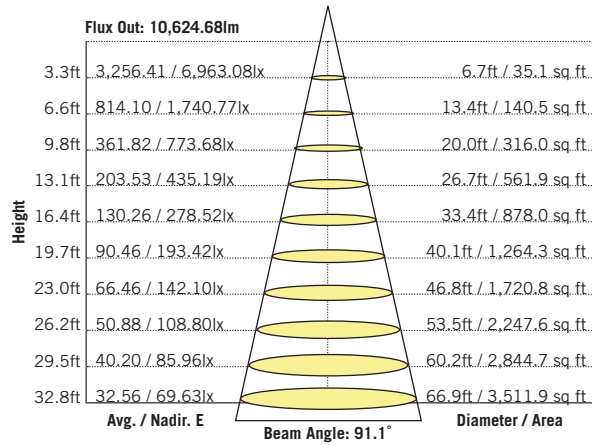
## LED HIGH BAY FIXTURE

**PHOTOMETRIC SPECIFICATIONS**

**ISOCANDELA PLOT**



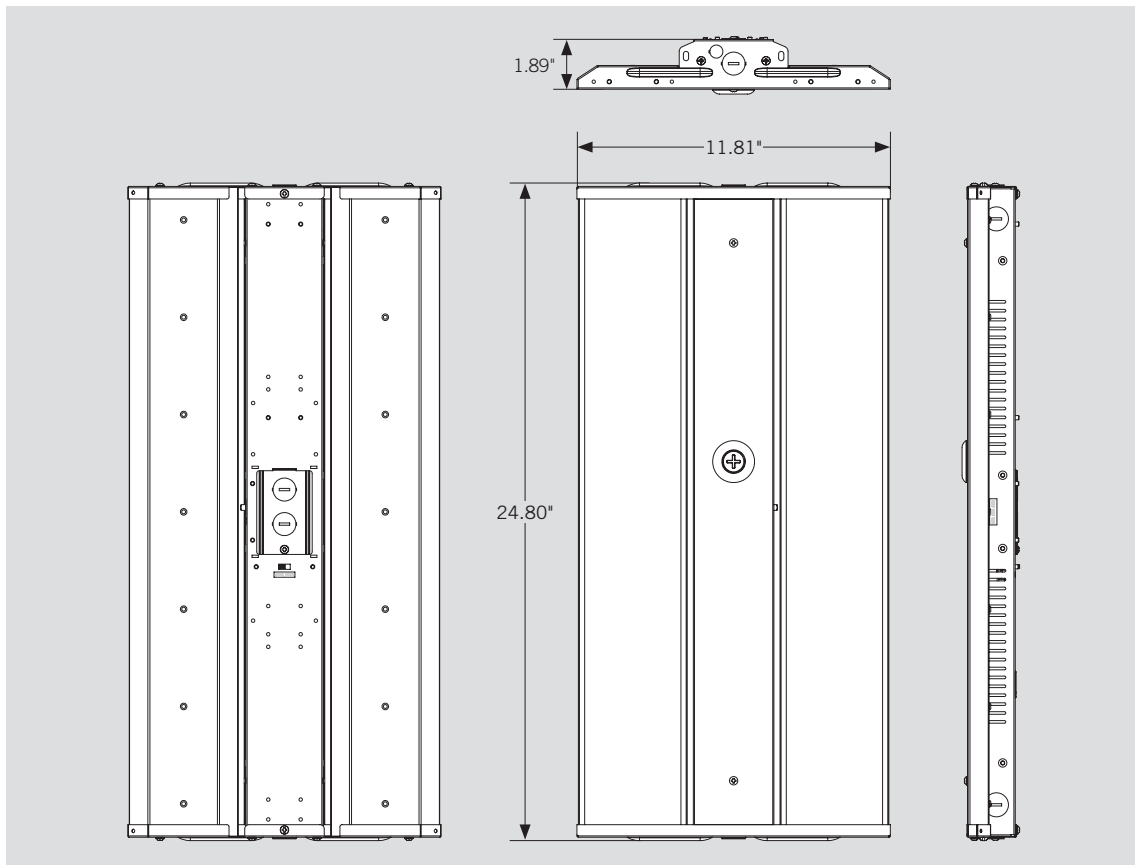
**AVERAGE ILLUMINANCE**



**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Luminaire
0-30	5,456	35%
0-40	8,882	58%
0-60	13,618	88%
60-90	3,353	11%
70-100	765	5%
90-120	7	0%
0-90	15,406	99%
90-180	37	1%
0-180	15,440	100%

**PHYSICAL SPECIFICATIONS**



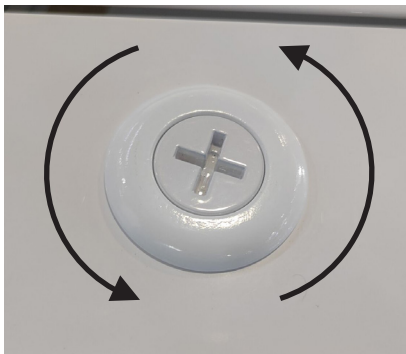
# KT-HBLEDD105PS-2FB-8CSD-VDIM-P

## LED HIGH BAY FIXTURE

**QUICK INSTALL ACCESSORIES (SOLD SEPARATELY)**

Accessory	Catalog Number	Description
PIR Sensor	KTS-PIR3-12V-PKO /A	PIR sensor for 2FB LED Highbay fixtures, Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled
	KTS-PIR3-12V-PKO /B	PIR sensor for 2FB LED Highbay fixtures, Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled
Microwave Sensor	KTS-MW3-12V-PKO /A	Microwave sensor for 2FB LED Highbay fixtures, Preset for 1 min hold time, 3 min standby time at 30% dim, daylight disabled
	KTS-MW3-12V-PKO /B	Microwave sensor for 2FB LED Highbay fixtures, Preset for 5 min hold time, 10 min standby time at 10% dim, daylight disabled

**1. UNSCREW FIXTURE CAP**



**2. TWIST IN SENSOR**



**3. DONE!**





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## LED HIGH BAY FIXTURE

**ADDITIONAL ACCESSORIES (SOLD SEPARATELY)**

Accessory	Catalog Number	Description
Surface Mount Kit	KT-HBLED-SM-1B-KIT	Surface Mount Kit for 2FB LED High Bay fixtures
Pendant Mount Kit	KT-HBLED-PM-1B-KIT	Pendant Mount Kit for 2FB LED High Bay fixtures
Wire Guard	KT-HBLED-WG-2B-KIT	Wire Guard Kit for 2FB LED Highbay fixtures
Cable Kit	KT-HBLED-CABLE-1B-KIT	Aircraft Cable Hanging Kit for 2FB LED Highbay fixtures
Emergency Backup Bracket	KT-HBLED-EM-BR-1B-KIT	Emergency LED Backup Mounting Kit for 2FB LED Highbay Fixtures
Smart Safe Battery Backup	KT-EMRG-LED-12C-1200-EN /DF	12W, 1200 lumen Smart Safe emergency battery backup with dual flex cables
	KT-EMRG-LED-20SD-2000-EN /DF	20W, 2000 lumen Smart Safe emergency battery backup with dual flex cables, Self diagnostic

**ORDERING INFORMATION**

Catalog Number	Pack Quantity	Easy Code	UPC
KT-HBLED105PS-2FB-8CSD-VDIM-P	TBD	WGG-22	843654134567

**CATALOG NUMBER BREAKDOWN**

**KT-HBLED105PS-2FB-8CSD-VDIM-P**

1
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11

- 1** Keystone Technologies
- 2** LED Stairwell Fixture
- 3** Wattage
- 4** Power Select
- 5** 2' Nominal Length
- 6** Form Factor
- 7** 800 Series
- 8** Color Select
- 9** Color Select Designation
- 10** 0–10V Dimming
- 11** Premium Series

**8 Color Select Designation**

<b>A</b>	3500K, 4000K, 5000K
<b>B</b>	3000K, 4000K, 5000K
<b>C</b>	3000K, 3500K, 4000K, 5000K
<b>D</b>	4000K, 5000K