



KT-HBLED135-2F-8XX-VDIM-P

LED HIGH BAY FIXTURE

DESCRIPTION

Complete Compact LED High Bay Fixture

APPLICATION

Used for commercial and industrial high bay lighting applications



PRODUCT FEATURES

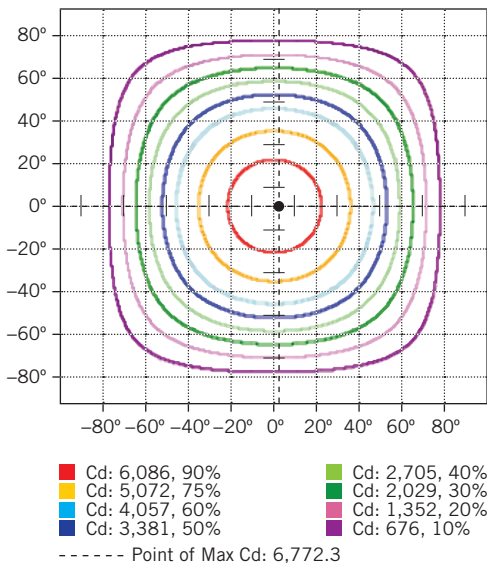
- Architectural grade compact design
- Powered by Keystone 0–10V dimming LED drivers
- Frosted lens eliminates glare
- 0–10V dimming, 10% minimum
- V-hook and chain mounting accessories included
- UL Listed 1598: Suitable for dry and damp locations
- Compatible with Keystone SmartSafe emergency LED drivers: KT-EMRG-LED-5-500-EN /DF or KT-EMRG-LED-12-1200-EN /DF are optimal for fixture level installation; mounting kit KT-HBLED-EM-BR-KIT required (sold separately)
- Ambient operating temperature: –20°C/–4°F to 50°C/122°F
- THD: <20%
- PF: >0.95
- LED chip lifetime: L70 >100,000 hrs @ 25°C/77°F ambient fixture temp.

PERFORMANCE SPECIFICATIONS

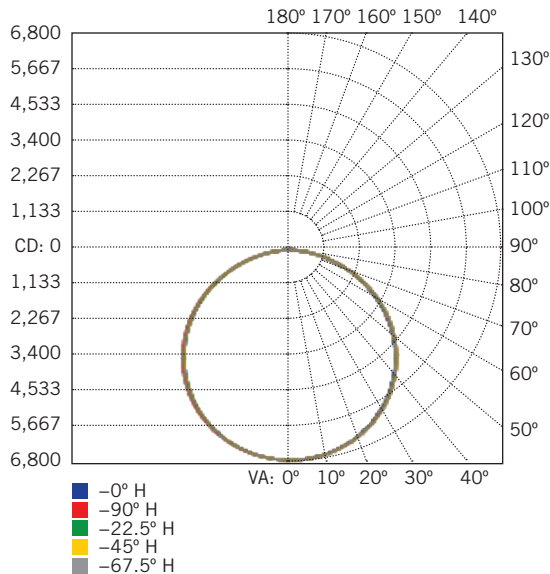
Catalog Number	Color Temperature	Nominal Length	Input Voltage	Wattage	CRI	Lumen Output	Efficacy
KT-HBLED135-2F-840-VDIM-P	4000K	2 ft.	120–277V	135W	>82.0	17,600 lm	130 lm/W
KT-HBLED135-2F-850-VDIM-P	5000K	2 ft.	120–277V	135W	>82.0	17,700 lm	131 lm/W

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

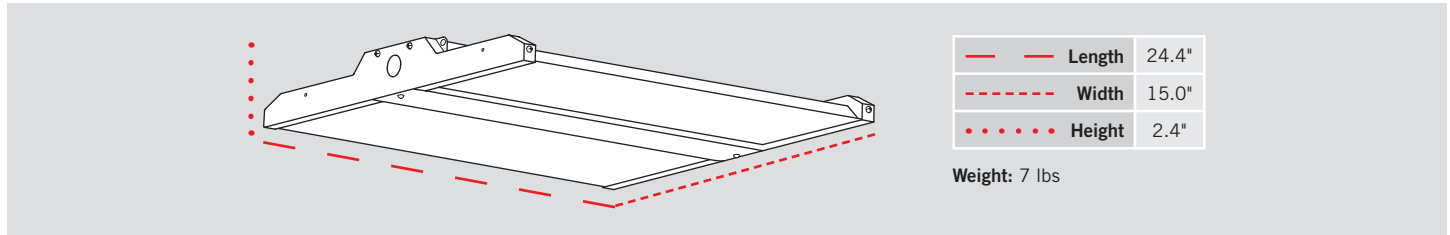
Zone	Lumens	% Luminaire
0–30	5,206.4	30.3%
0–40	8,422.8	49.1%
0–60	14,219.1	82.8%
60–90	2,902.7	16.9%
70–100	1,106.7	6.4%
90–120	14.5	0.1%
0–90	17,121.9	99.8%
90–180	42.8	0.2%
0–180	17,164.7	100%



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PHYSICAL SPECIFICATIONS



ACCESSORIES (SOLD SEPARATELY)

ACCESSORY	CATALOG NUMBER	DESCRIPTION
High Bay Motion Sensor	HBE-PIR-120/277/347	Dual technology occupancy sensor for LED high bay fixtures
Wire Guard	KT-HBLED-WG-1-KIT	Wire guard for LED high bay fixtures; fits 90W, 105W, 135W, and 175W Keystone 2F high bay fixtures
Pendant Mount Kit	KT-HBLED-PM-1-KIT	Pendant mount kit for LED high bay fixtures; fits all Keystone 2F high bay fixtures
Surface Mount Kit	KT-HBLED-SM-1-KIT	Surface mount kit for LED high bay fixtures; fits all Keystone 2F high bay fixtures
SmartSafe Emergency Battery Backup	KT-EMRG-LED-5-500-EN /DF	5W, 500 lumen SmartSafe emergency battery back-up with dual flex cables
	KT-EMRG-LED-12-1200-EN /DF	12W, 1200 lumen SmartSafe emergency battery back-up with dual flex cables for remote mounting only
Emergency LED Backup Mounting Kit	KT-HBLED-EM-BR-KIT	Designed for use with KT-EMRG-LED-5-500-EN /DF and KT-EMRG-LED-12-1200-EN /DF

WIRELESS CONTROL OPTIONS

BRAND / SYSTEM	DESCRIPTION	ORDERING NUMBER
Keystone Smart Loop	KTSL-HBFC1-UV-KO-PIR Wireless 0–10V fixture controller; 3A Max load; factory installed	KT-HBLED135-2F-8XX-VDIM-P /HBFC1-PIR
Lutron Vive	FCJS-010 Wireless 0–10V fixture controller; 1A Max load @ 277V; factory installed	KT-HBLED135-2F-8XX-VDIM-P /FCJS0



ORDERING INFORMATION

ORDER CODE	PACK QUANTITY	EASY CODE	UPC
KT-HBLED135-2F-840-VDIM-P	1	TBD	TBD

CATALOG NUMBER BREAKDOWN

KT-HBLED135-2F-8XX-VDIM-P

1 2 3 4 5 6 7 8 9

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|-----------------------------------|---------------------|--------------------------------|
| 1 Keystone Technologies | 6 Color Temperature | 9 Sensor Options |
| 2 LED High Bay Fixture | 7 0–10V Dimming | No option |
| 3 Wattage | 8 Premium Series | /PIR Occupancy sensor included |
| 4 2' Nominal Length, Frosted Lens | 9 Sensor Options | |
| 5 800 Series | | |