

KT-HBLEDXXXPSXX-XG-8CSD-VDIM /G3

LED HIGH BAY FIXTURE

INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the fixture.

APPLICATION

Used for commercial and industrial high bay lighting applications (including warehouses, factories, workshops, exhibition halls, gymnasiums, supermarkets, and other general area lighting requirements).

SAFETY AND ELECTRICAL PARAMETERS

WARNING

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and or the fixture box and fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service, and maintenance of luminaires should be performed by a qualified licensed electrician.
- If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician. Please abide by all relevant country, regional and local code requirements and regulations when installing this luminaire. Wiring must be in accordance with NEC and all applicable local codes.
- Do not make or alter any unnecessary holes in an enclosure of wiring or electrical components during the installation.
- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the pole/site/building power.
- Turn off the electrical power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information. Do not install with supply voltage that exceeds the rated input voltage of the luminaire.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy/recycle packaging material, as these may be hazardous to children.
- Risk of Burn. Disconnect power and allow fixture to cool before handling/servicing.

NOTICE

- All fixture installs must be properly grounded.
- Minimum of 90°C/194°F supply conductors.
- Specifications and dimensions subject to change without notice. Consult Keystone with any questions or concerns.
- Suitable for dry and damp locations.
- Ensure ambient operating temperature is maintained:
 - without sensor: -40°C/-40°F to 50°C/122°F
 - with sensor: -25°C/-13°F to 50°C/122°F
 Exceeding these temperature ranges will void warranty and may reduce lifetime or cause performance issues.
- Inspect fixture for any damage before installing. If there is any damage, please do not install and contact Keystone or authorized distributor for resolution.

COMPONENTS INCLUDED IN KIT

Part	Quantity
LED high bay fixture	1
V-hooks and chains	2
Instruction sheet	1

CAUTION: Before installing, ensure that AC power to the fixture is off.

POWER SELECT (WATTAGE), COLOR SELECT (CCT)

This fixture is equipped with Power Select and Color Select technology.

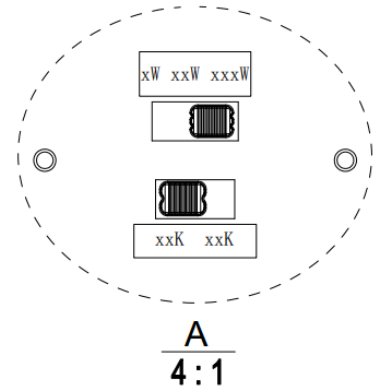
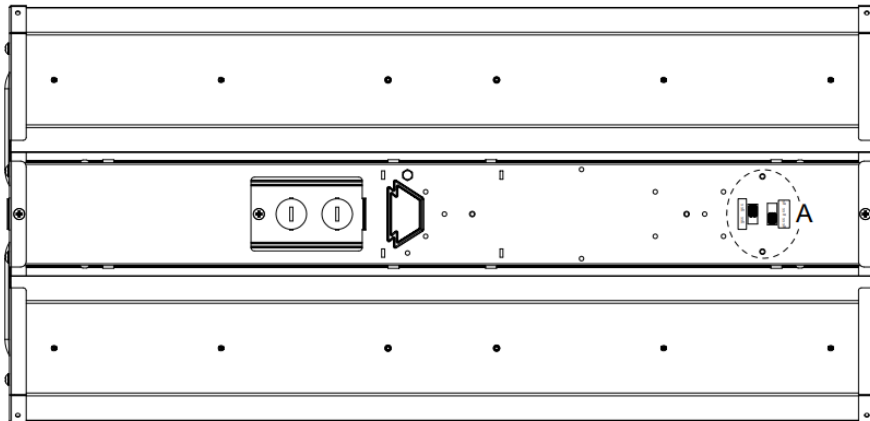
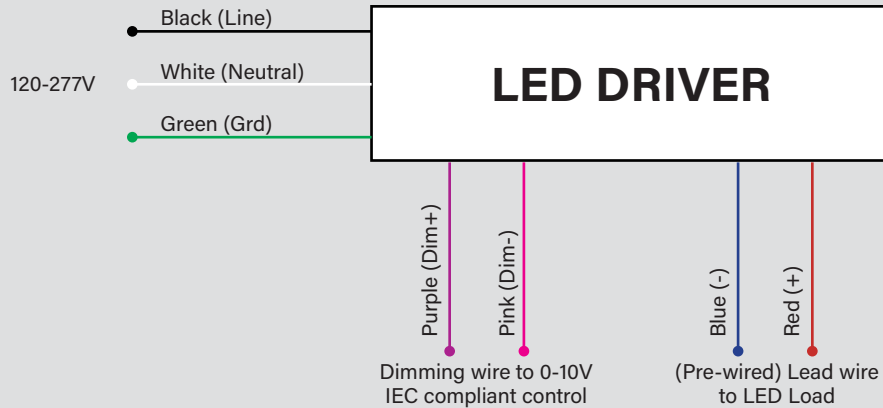
1. Ensure power is off to the fixture.
2. Adjust switches to desired settings (see illustration below)
3. Re-connect power when ready.

**POWER SELECT ADJUSTMENT**

Set dip switch to adjust power between 400/350/320W, 240/200/160W, 200/160/120W, 150/120/90W, 95/75/55W. Fixtures preset at highest wattage option.

**COLOR SELECT ADJUSTMENT**

Set dip switch to adjust CCT between 5000K and 4000K. Fixture comes preset at 5000K.

**WIRING SPECIFICATIONS**

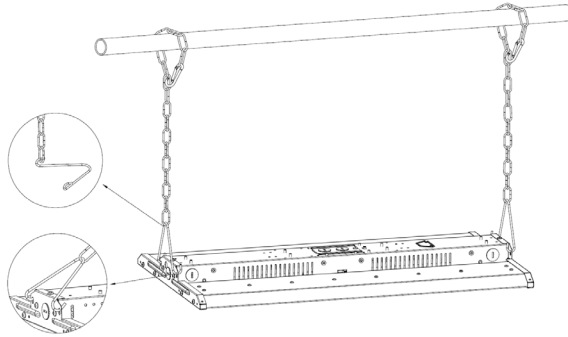
*In accordance with NEC-20 410.69 2022, all 0-10V negative wires have been updated from gray to pink. Please contact Keystone for details.

- All fixtures come pre-wired. Make input connections as needed and ensure connections are protected from exposure to the elements.
- Ensure that input voltage on site matches the fixture you intend to install.

INSTALLATION INSTRUCTIONS

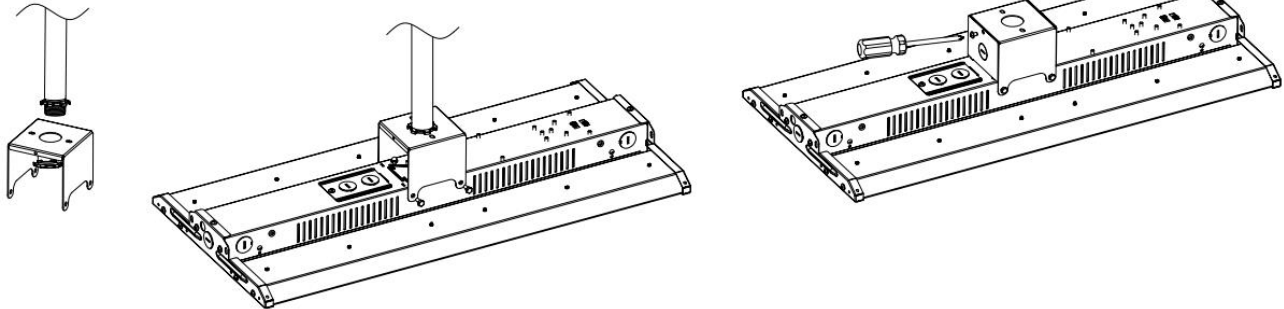
HANGING INSTALLATION

1. Connect chains to support.
2. Connect chains and v-hooks to fixture body.
3. Adjust chain height as needed.
4. Choose suitable wiring knockout and perform wiring according to local and national electrical codes.



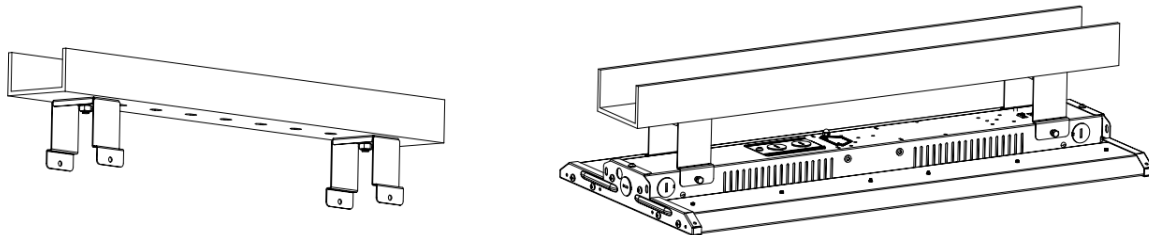
PENDANT MOUNT INSTALLATION

1. Mount bracket on 3/4"NPT.
2. Connect bracket to the fixture.
3. Perform wiring according to local and national electrical codes.
4. Screw in lock screw to secure bracket.



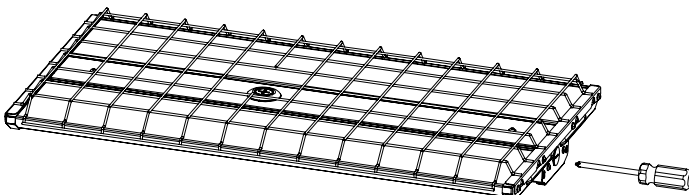
SURFACE MOUNT INSTALLATION

1. Mount bracket to ceiling.
2. Connect brackets to fixture.
3. Choose suitable wiring knockout and perform wiring according to local and national electrical codes.



WIRE GUARD INSTALLATION

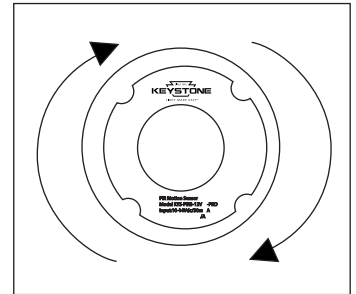
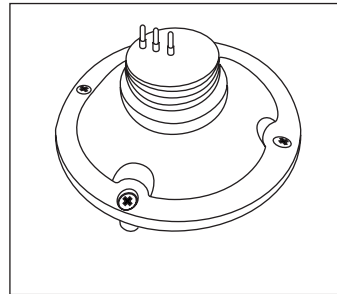
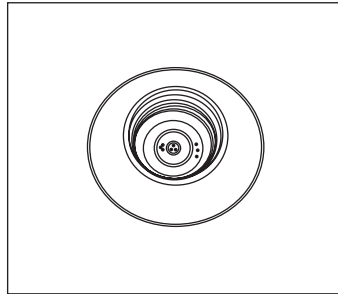
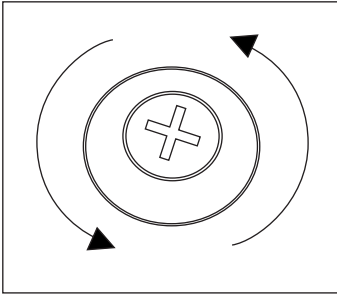
1. Mount the wire guard on the fixture with screws.
- NOTE: Purchase the correct size wire guard from manufacturer.*



(Installation Instructions continue on next page)

INSTALLATION INSTRUCTIONS**OCCUPANCY SENSORS INSTALLATION**

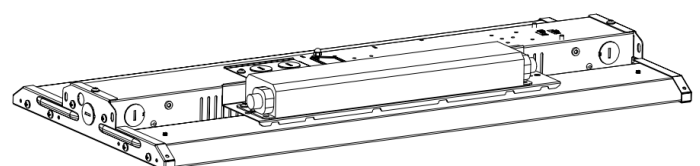
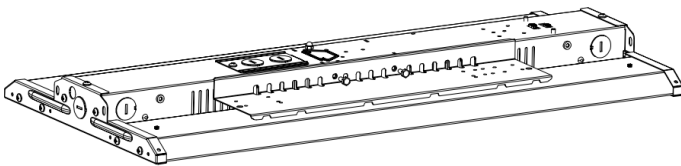
1. Ensure power is off to the fixture.
2. Using a screwdriver, unscrew the 1/2" knockout.
3. Screw in device by hand. Device may include gaskets or washers to help prevent overtightening. If included, select the gasket or washer that minimizes or eliminates gaps between the fixture and device.



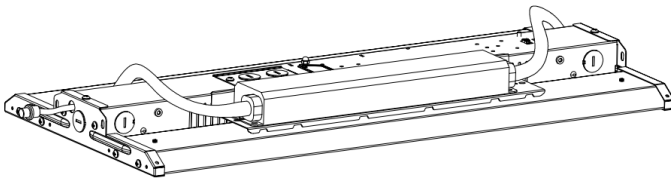
CAUTION! Do not overtighten. Overtightening the device will damage the device and/or fixture.

BACKUP DRIVER INSTALLATION

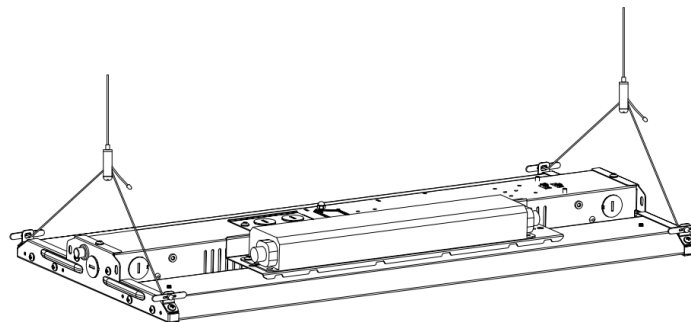
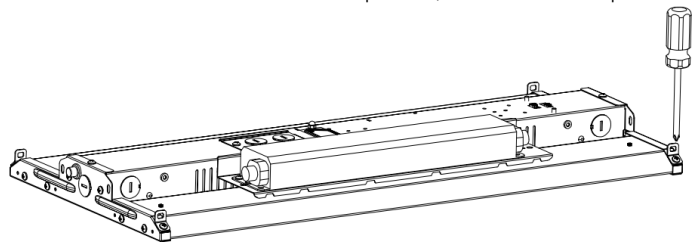
1. Mount the bracket on the fixture using included bolts and lock washers.
2. Attach emergency driver to the bracket.
3. Put the metal clad cables through KO's on the fixture. Open the fixture and connect the emergency driver per the wiring instructions included with the emergency driver.



4. Attach the small brackets in the accessory kit on the 4 corners of the fixture.



5. Attach the hanging cables to the small brackets to balance the product, installation is complete.



(Ordering Information continues on next page)

ORDERING INFORMATION**EMERGENCY LED BACKUP MOUNTING KIT (SOLD SEPARATELY)**

Catalog Number	Description	UPC	Easy Code
KT-HBLED-EM-BR-G-KIT	Emergency LED Backup Mounting Kit for LED High Bay Fixtures. Fits all Keystone "G" series High Bay Fixtures. Includes; Main Bracket, Wider Hanging Tabs, Aircraft Cable hanging set, and Mounting Hardware.	843654179049	QBF-11

PENDANT MOUNT

Catalog Number	Description	UPC	Easy Code
KT-HBLED-PM-1/2G-KIT	Pendant Mount Kit for LED High Bay fixtures. Fits "1G" & "2G" High Bay fixtures	843654179087	LLV-12
KT-HBLED-PM-3/4G-KIT	Pendant Mount Kit for LED High Bay fixtures. Fits "3G" & "4G" High Bay fixtures	843654179094	UOQ-37

SURFACE MOUNT

Catalog Number	Description	UPC	Easy Code
KT-HBLED-SM-1/2G-KIT	Surface Mount Kit for LED High Bay fixtures. Fits "1G" & "2G" High Bay fixtures	843654179100	SOD-28
KT-HBLED-SM-3/4G-KIT	Surface Mount Kit for LED High Bay fixtures. Fits "3G" & "4G" High Bay fixtures	843654179117	URP-94

WIRE GUARDS

Catalog Number	Description	UPC	Easy Code
KT-HBLED-WG-1G-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "1G" High Bay fixtures.	843654179056	NZI-46
KT-HBLED-WG-2B-KIT	Wire Guard for LED High Bay fixtures. Fits Keystone 150W "2G" High Bay fixtures.	843654134765	GSX-74
KT-HBLED-WG-2G-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "2G" High Bay fixtures.	843654179063	OLO-66
KT-HBLED-WG-4G-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "4G" High Bay fixtures.	843654179070	KNY-22

FIXTURE

Catalog Number	Description	UPC	Easy Code
KT-HBLED95PS-1G-8CSD-VDIM /G3	95W Power & Color Selectable LED High Bay Gen 3 95/75/55W 1ft G series body 120-277V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178714	DBF-16
KT-HBLED150PS-2G-8CSD-VDIM /G3	150W Power & Color Selectable LED High Bay Gen 3 150/120/90W 2ft G series body 120-277V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178721	HLZ-65
KT-HBLED200PS-2G-8CSD-VDIM /G3	200W Power & Color Selectable LED High Bay Gen 3 200/160/120W 2ft G series body 120-277V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178738	EKD-88
KT-HBLED240PS-2G-8CSD-VDIM /G3	240W Power & Color Selectable LED High Bay Gen 3 240/200/160W 2ft G series body 120-277V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178745	HFE-27
KT-HBLED400PS-4G-8CSD-VDIM /G3	400W Power & Color Selectable LED High Bay Gen 3 400/350/320W 4ft G series body 120-277V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178752	CIN-27
KT-HBLED150-PSHV-2G-8CSD-VDIM /G3	150W Power & Color Selectable LED High Bay Gen 3 150/120/90W 2ft G series body 277-480V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178769	RWL-38
KT-HBLED200PSHV-2G-8CSD-VDIM /G3	200W Power & Color Selectable LED High Bay Gen 3 200/160/120W 2ft G series body 277-480V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178776	CKU-13
KT-HBLED240PSHV-2G-8CSD-VDIM /G3	240W Power & Color Selectable LED High Bay Gen 3 240/200/160W 2ft G series body 277-480V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178783	QGH-65
KT-HBLED400PSHV-4G-8CSD-VDIM /G3	400W Power & Color Selectable LED High Bay Gen 3 400/350/320W 4ft G series body 277-480V Input Frosted Lens 4000/5000K 80+ CRI 90 deg lens 0-10V Dimmable Built-in sensor receptacle	843654178790	APU-63