

KT-HBLEDXXXPS-XH-OSC-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 damages 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), OPTIC SWAP

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

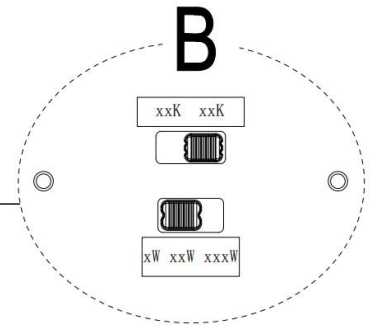
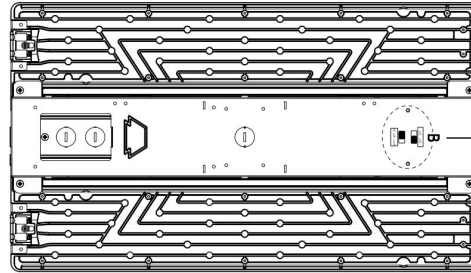
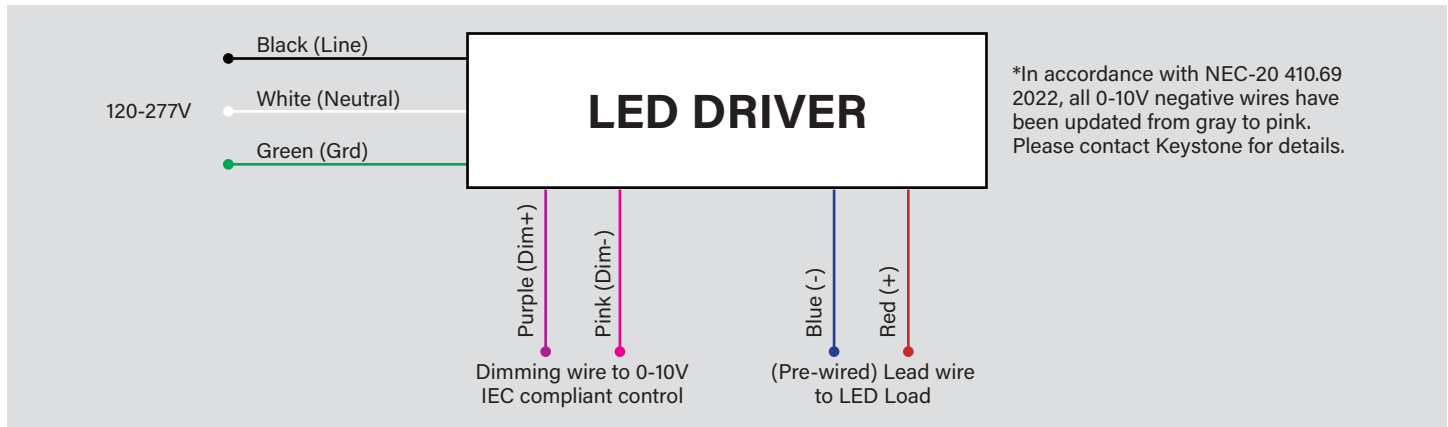
1. Ensure power is off to the fixture.
2. Adjust switches to desired settings (see illustration below)
3. Re-connect power when ready.


**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**

- 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.

TOOL FREE LENS CHANGE

- Push the retaining clasp with your finger to open the lens retaining plate in a rotating manner so that it falls into the slot of the heatsink. (Figure 1)
- Remove the lens from the fixture, replace them with new lens, and close the lens retaining plate. (Figure 2)

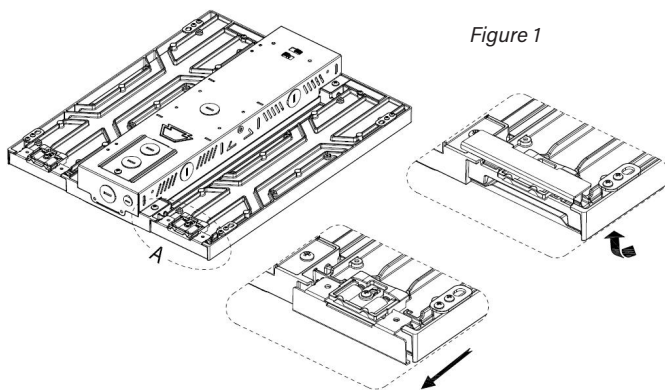


Figure 1

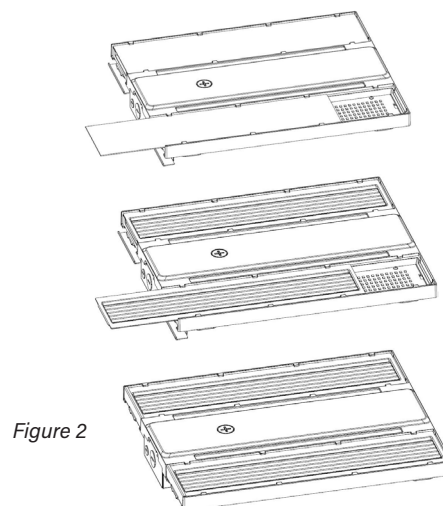


Figure 2

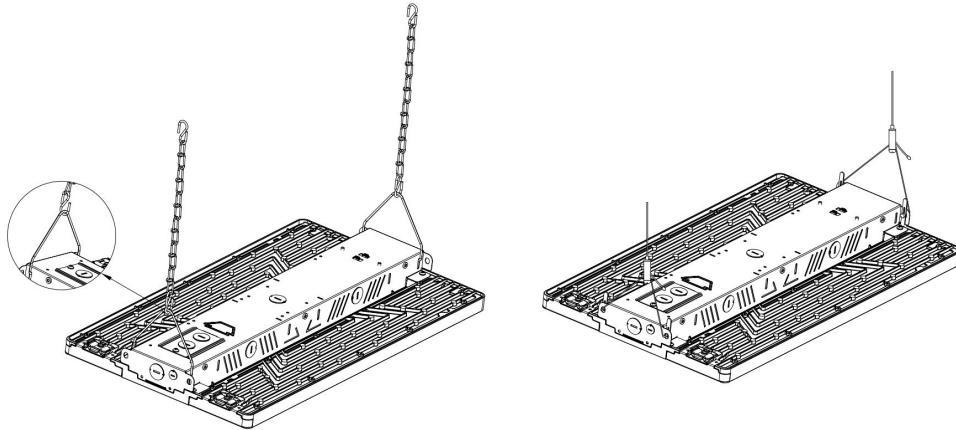
Lens Installation
Video



INSTALLATION INSTRUCTIONS

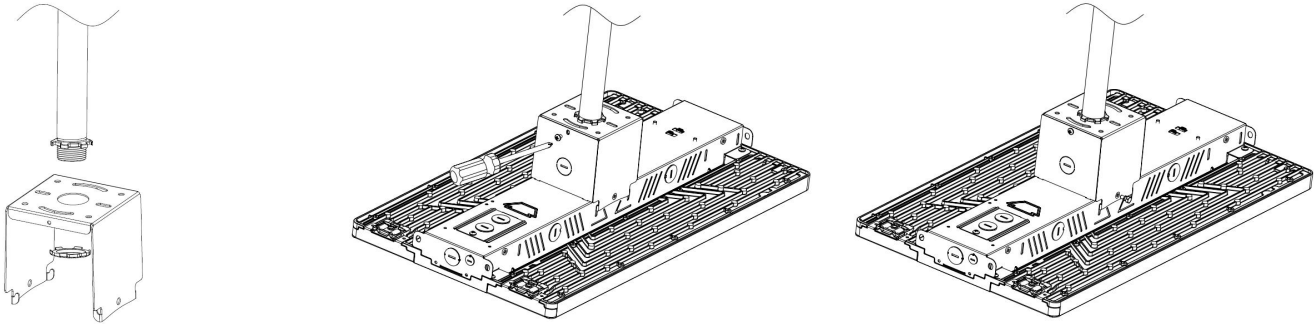
HANGING INSTALLATION

1. Hook up the chain.
2. Connect the chain with fixture.
3. Fix the chain on the rail, adjust the chain length as per need.
4. After fixed , choose suitable wiring knock out, connect the wires according to local standard and code.



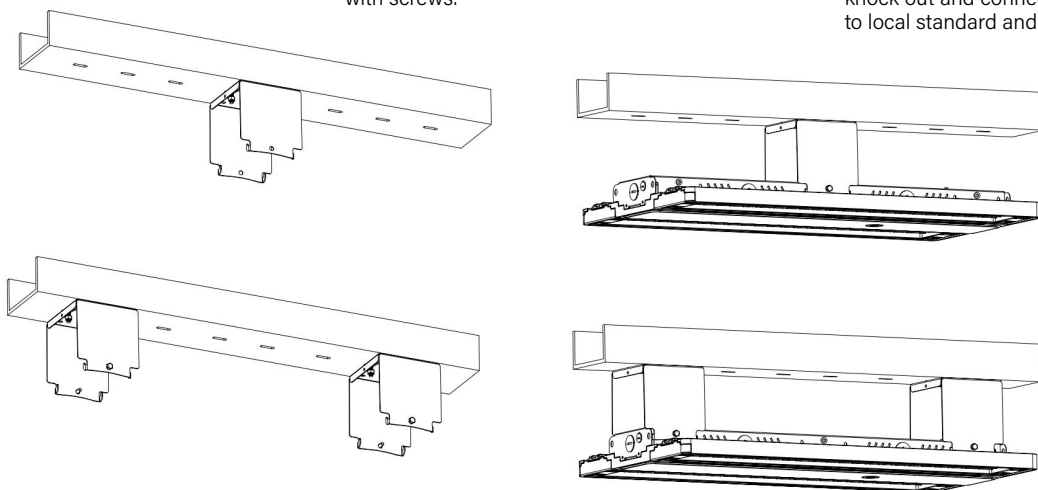
3/4"NPT INSTALLATION

1. Mount the bracket on 3/4"NPT.
2. Lock fixture on the bracket.
3. Connect the wires according to local standard and code.
4. Lock side brackets with screw driver.



3/4"NPT INSTALLATION

1. Mount the bracket on the rail or ceiling.
2. Assemble the lamp on the bracket and fix it with screws.
3. After mounting, choose suitable wiring knock out and connect the wires according to local standard and code.

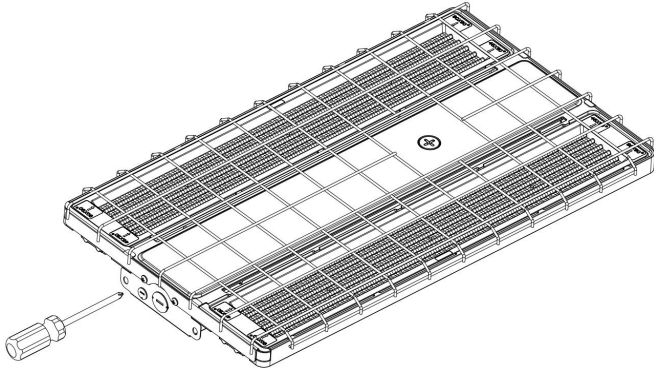


(Installation Instructions continue on next page)

INSTALLATION INSTRUCTIONS (continued)

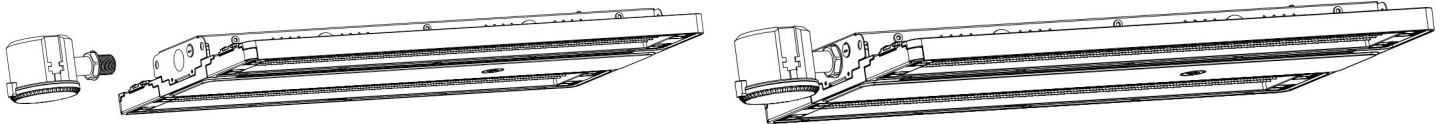
WIRE GUARD INSTALLATION

1. Place the wire guard on the lamp and fix it with screws.
NOTE: Purchase the correct size wire guard from manufacturer.



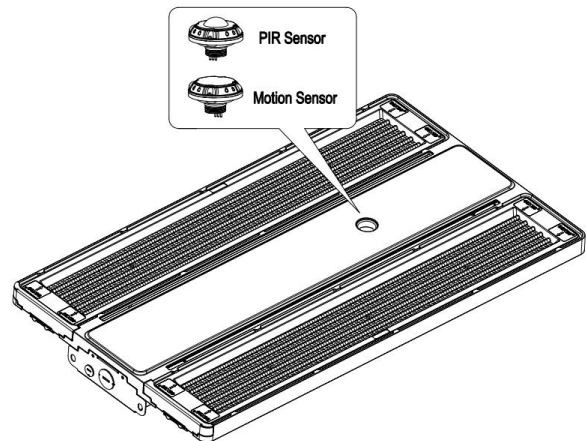
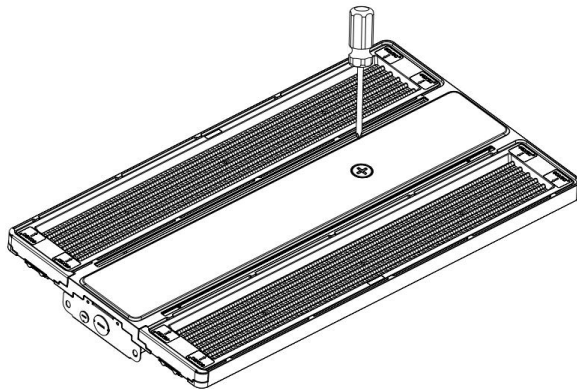
MOTION SENSOR / PIR SENSOR INSTALLATION

1. Connect the wires according to the wiring diagram.



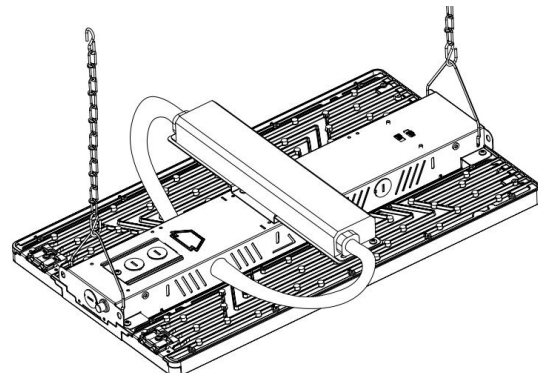
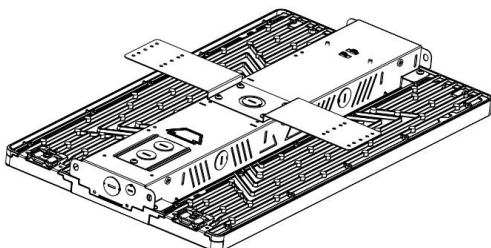
DC MOTION SENSOR / PIR SENSOR INSTALLATION

1. Use a screwdriver to remove the 1/2 plug from the sensor.
2. Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand.



BACKUP DRIVER INSTALLATION

1. Assemble the bracket onto the back of the light fixture.
2. Assemble the emergency power supply to the bracket, and then connect according to the wiring mode.



(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-H-KIT	Emergency LED Backup Mounting Kit for LED High Bay Fixtures. Fit's all Keystone all Keystone "H" series High Bay Fixtures. Includes; Main Bracket, Wider Hanging Tabs, Aircraft Cable hanging set, and Mounting Hardware.	843654179124	XOD-18

PENDANT AND SURFACE MOUNT

Catalog Number	Description	UPC	Easy Code
KT-HBLED-S/PM-1/2/3H-KI	Pendant Mount & Kit Surface Mount Kit for LED High Bay fixtures. Fits "1H" & "2H" & "3H" High Bay fixtures.	843654179162	JOR-17

WIRE GUARDS

Catalog Number	Description	UPC	Easy Code
KT-HBLED-WG-1H-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "1H" High Bay fixtures.	843654179131	RPZ-69
KT-HBLED-WG-2H-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "2H" High Bay fixtures.	843654179148	RVK-97
KT-HBLED-WG-3H-KIT	Wire Guard for LED High Bay fixtures. Fits all Keystone "3H" High Bay fixtures.	843654179155	IJP-27

FIXTURE

Catalog Number	Description	UPC	Easy Code
KT-HBLED95PS-1H-OSC-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	843654178806	UQR-47
KT-HBLED150PS-1H-OSC-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	843654178813	PCA-30
KT-HBLED200PS-2H-OSC-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	843654178820	CCY-30
KT-HBLED240PS-2H-OSC-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	843654178837	QZY-69
KT-HBLED400PS-3H-OSC-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	843654178844	INA-50