

KT-BPLEDXXPS-XXC-8CSA-VDIM BACK-LIT LED PANEL LIGHTS

INSTALLATION INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before installation and use.

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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 holes unnecessarily in an enclosure of wiring or electrical components during the installation.

WARNING

- Turn off electrical power at the fuse or circuit breaker box before wiring fixture to the 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 75C supply conductors.
- Specifications and dimensions subject to change without notice. Consult Keystone with any questions or concerns.
- Ensure ambient operating temperature between -20°C/-4°F to 40°C/104°F is maintained. 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.

Caution: Before installing, make certain that AC power to the fixture is off.
Caution: The electrical rating of this product is 120–277V. Installer must confirm that there is 120–277V at the fixture before installation.

COMPONENTS INCLUDED IN KIT

Part	Quantity
Back-Lit LED Panel Light	1
Installation Instructions	1

PRODUCT SPECIFICATIONS

Keystone Catalog Number	Description	Size	Wattage	CCT	Input Voltage	Dimming
KT-BPLED35PS-14C-8CSA-VDIM	Back-lit LED Panel Light with Power Select and Color Select	1'×4'	35/30/20W	3500/4000/5000K	120–277V	0–10V
KT-BPLED35PS-22C-8CSA-VDIM	Back-lit LED Panel Light with Power Select and Color Select	2'×2'	35/30/20W	3500/4000/5000K	120–277V	0–10V
KT-BPLED45PS-24C-8CSA-VDIM	Back-lit LED Panel Light with Power Select and Color Select	2'×4'	45/35/30W	3500/4000/5000K	120–277V	0–10V

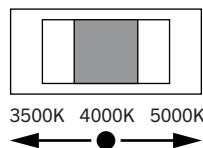
NOTES:
 Panel CCT comes preset at 5000K and highest wattage.
 To adjust CCT, use switch on back of the panel labelled "3500 / 4000 / 5000K"; to adjust lumen output, use switch on back of the panel labelled "35W / 30W / 20W" or "45W / 35W / 30W", depending on fixture.

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

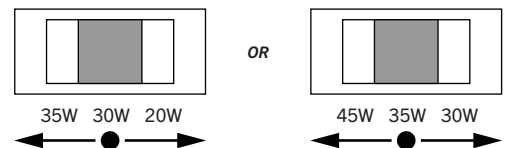
This fixture is equipped with field-adjustable Keystone Power Select and Color Select technology.

1. Ensure power is off to the fixture.
2. Adjust dip switches to desired settings.
3. Restore power to fixture.

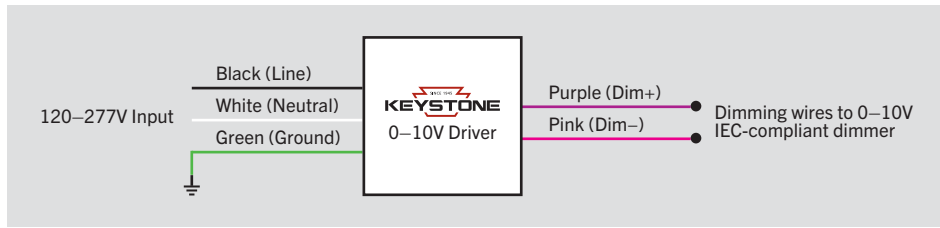
COLOR SELECT ADJUSTMENT SWITCH
 Set dip switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture comes preset at 5000K.



POWER SELECT ADJUSTMENT SWITCH
 Set dip switch to adjust wattage between 35W / 30W / 20W or 45W / 35W / 30W, depending on fixture. Fixture comes preset at highest wattage.

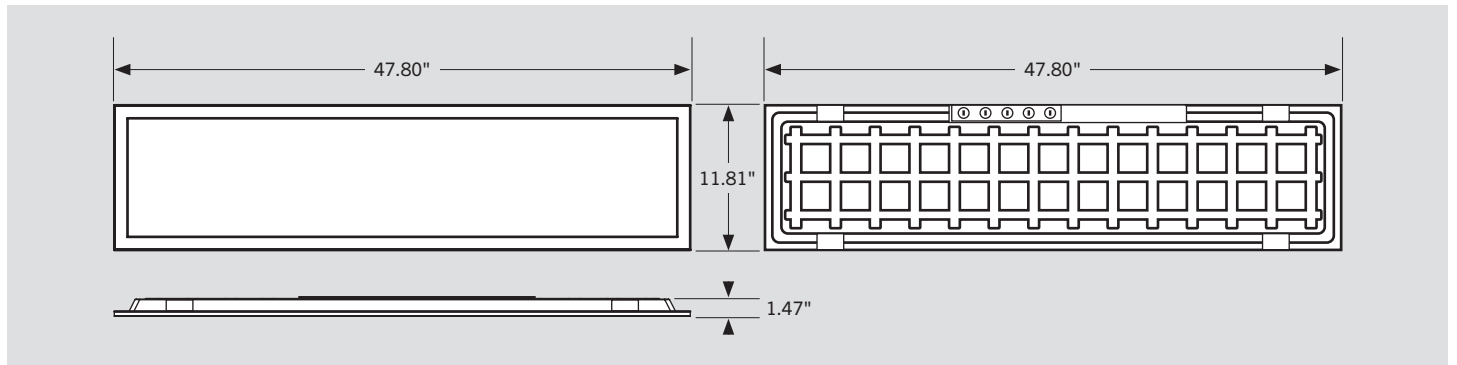


GENERAL WIRING DIAGRAM

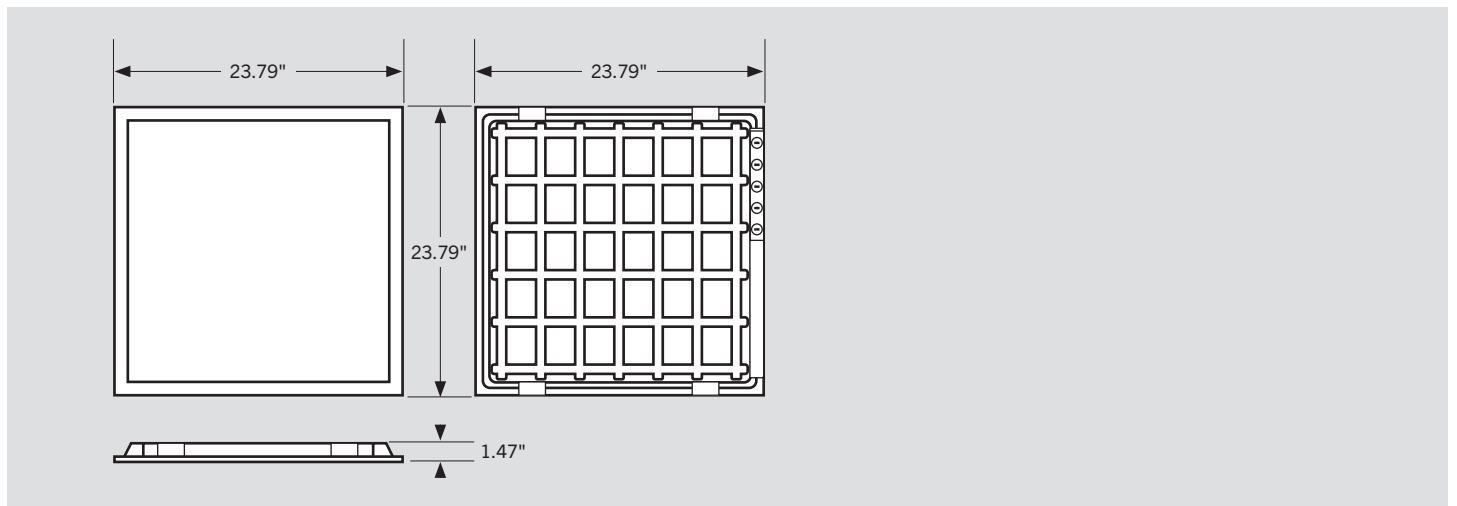


DIMENSIONS

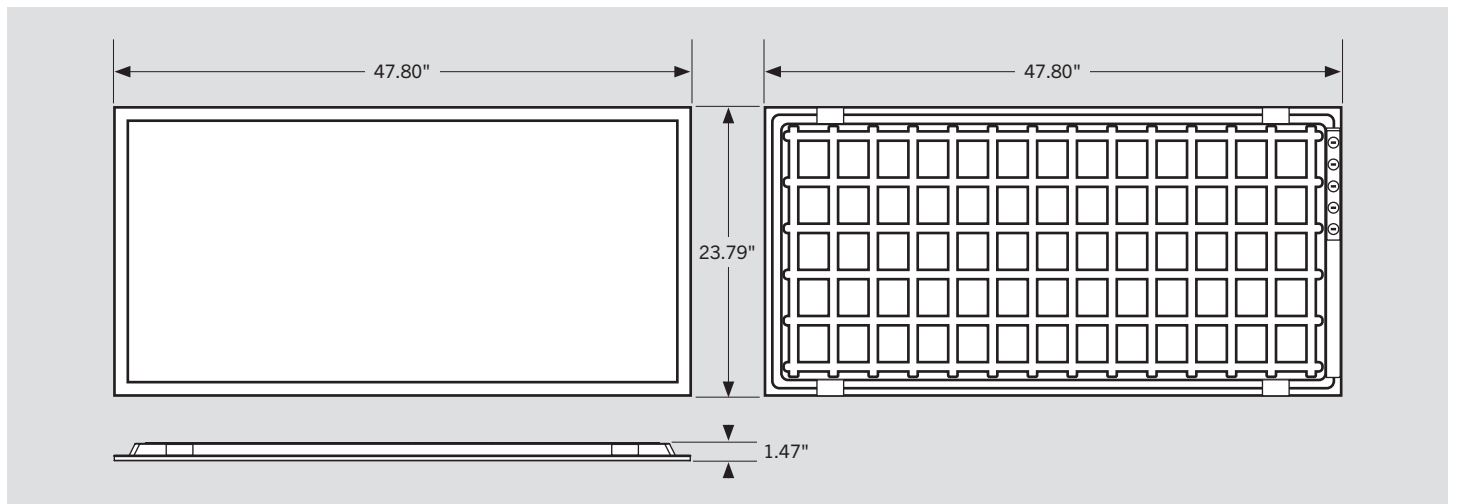
KT-BPLED35PS-14C-8CSA-VDIM



KT-BPLED35PS-22C-8CSA-VDIM



KT-BPLED45PS-24C-8CSA-VDIM



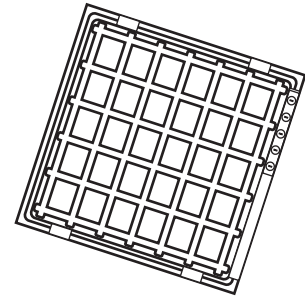
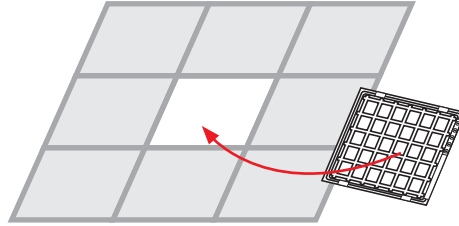
INSTALLATION INSTRUCTIONS

RECESSED INSTALLATION

1. Shut off power at the source of the fixture housing into which you are installing fixture.

2. Remove the ceiling tile from the location where the product is to be installed and raise the panel light above the T-bar grid.

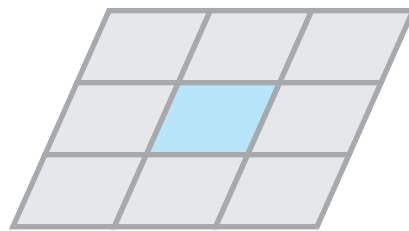
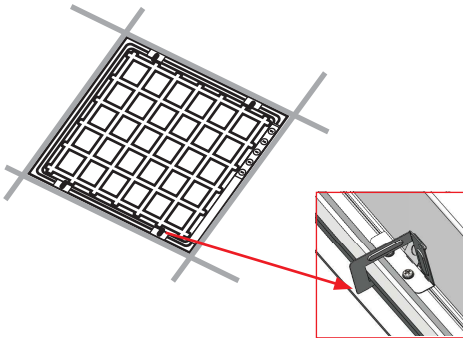
3. Connect power to the driver (see *General Wiring Diagram* on page 2).



4. Fold the four (4) protection brackets so they will be situated above the T-bar.

5. Slowly rest the panel light onto the T-bar support and ensure appropriate fit to complete installation.

6. Reconnect power at source.

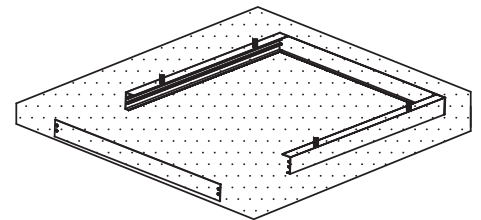
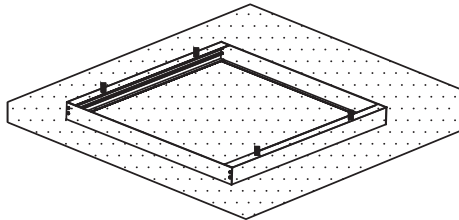


SURFACE-MOUNT INSTALLATION (kit sold separately)

1. Shut off power at the source of the fixture housing into which you are installing fixture.

2. Ensure that the bracket set includes four (4) frames.

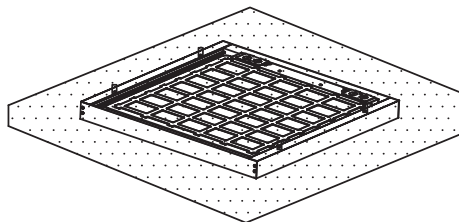
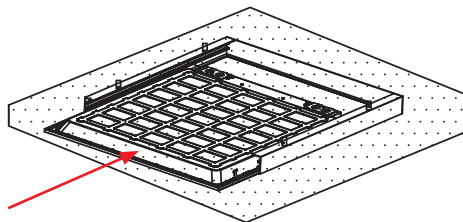
3. Assemble three (3) frames to form an open bracket and set on the ceiling tile.



4. Slowly slide the panel light into the 3-sided bracket.

5. Affix remaining side to complete the frame.

6. Connect power to the driver (see *General Wiring Diagram* on page 2).



7. Reconnect power at source.

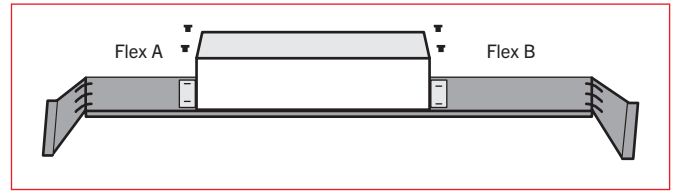
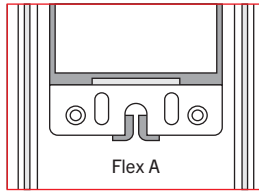
(Installation Instructions continue on next page)

INSTALLATION INSTRUCTIONS (continued)

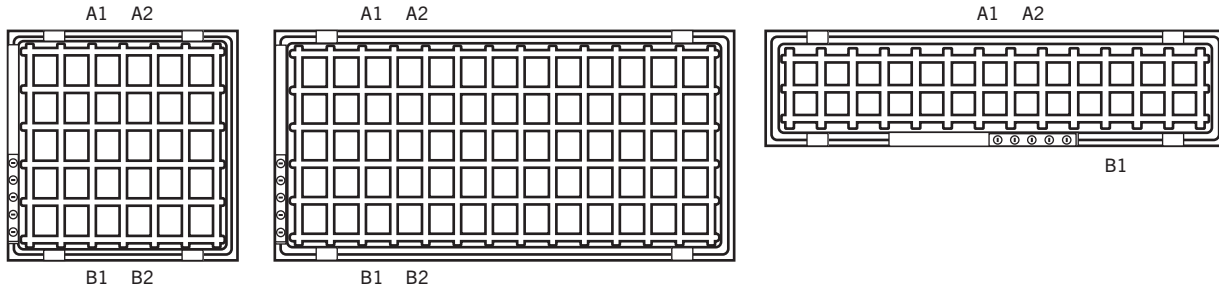
EMERGENCY BATTERY INSTALLATION (kit sold separately)

1. Shut off power at the source of the fixture housing into which you are installing fixture.

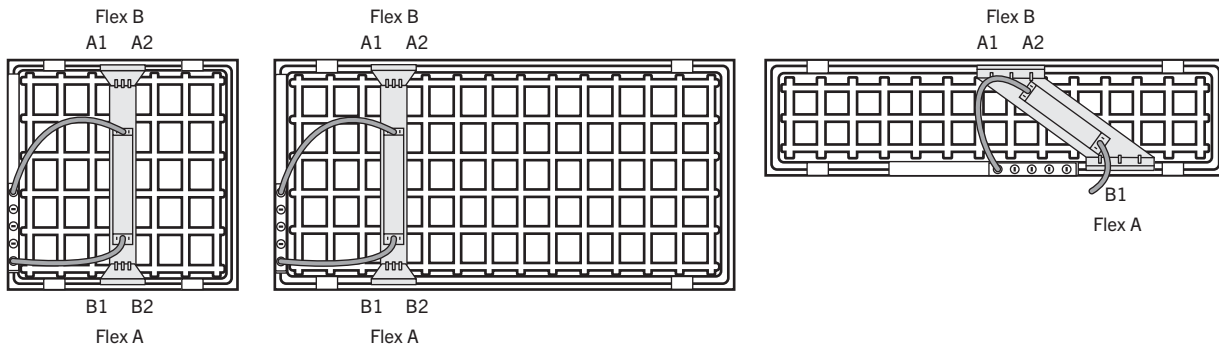
2. Note the difference between the Flex A side (high-voltage) and the Flex B side.



2. Insert the high-voltage side Flex A of the emergency power into the bracket slot, and then affix the emergency battery to the supporting bridge by using two (2) screws on Flex B side and two (2) screws on Flex A side.

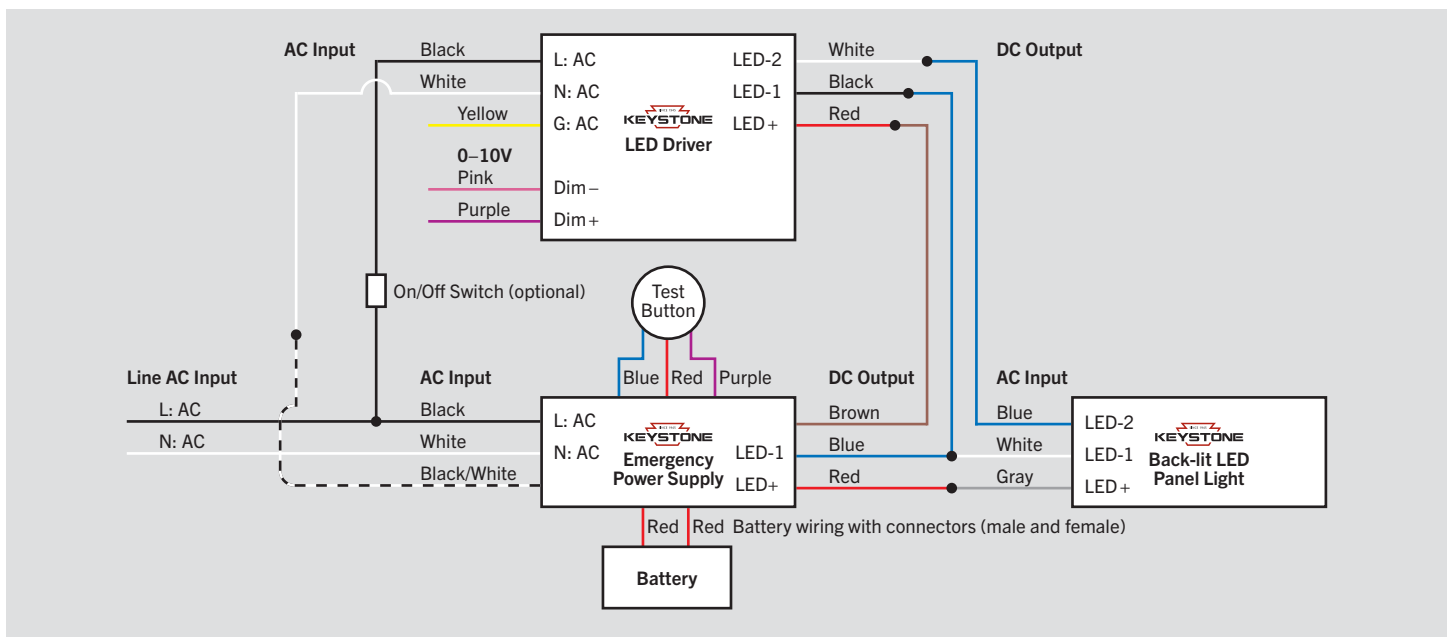


3. Install the EM supporting bridge onto the back plate and screw in A1, A2, B1, B2 and wiring (Note: the high-voltage side of the EM battery faces in the same direction as the driving high-voltage section). (See *Emergency Wiring Diagram* below.)



Emergency Wiring Diagram

Note: When EM goes into EM mode, the fixture will light at 5000K regardless of the fixture CCT switch setting.



4. Reconnect power at source to complete installation.

OPTIONAL ACCESSORY ORDERING INFORMATION

Catalog Number	Description	UPC	Easy Code
KT-BPLED-EM-14C-KIT	Emergency LED Backup Mounting Kit for 1×4 Keystone Back-lit Panels. Includes Bracket and mounting hardware	843654157009	XYK-35
KT-BPLED-EM-22/4C-KIT	Emergency LED Backup Mounting Kit for 2×2 and 2×4 Keystone Back-lit Panels. Includes Bracket and mounting hardware	843654157016	YLZ-48

ORDERING INFORMATION

Catalog Number	UPC	Easy Code
KT-BPLED35PS-14C-8CSA-VDIM	843654156972	ROC-45
KT-BPLED35PS-22C-8CSA-VDIM	843654156989	PPY-68
KT-BPLED45PS-24C-8CSA-VDIM	843654156996	OQM-00