

KT-RKIT18PS-D11L1-8CSA-VDIM

POWER AND COLOR SELECTABLE LED RETROFIT KIT

INSTALLATION INSTRUCTIONS

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

APPLICATION

Suitable for use in troffers, wraps, strips, vapor tights, and other fixture types.

SAFETY AND ELECTRICAL PARAMETERS

- WARNING** - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.
- WARNING** - RISK OF FIRE OR ELECTRIC SHOCK, THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED,
- WARNING** - Risk of fire or electric shock. Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings.
- Only those open holes indicated in these instructions may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.
- WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Installers should examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES.
- THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.
- WARNING** - Risk of fire. Input ratings may need to be determined based on any configuration(s) permitted by the installation instructions. Regardless of the configuration(s) of the retrofit kit, the input ratings of the overall retrofit kit shall not exceed the marked input ratings of the host luminaire.
- Suitable for damp locations.
- Prior to installation, review all environmental designation locations in the retrofit kit installation instructions. Only install in damp or wet locations if so indicated in the installation instructions.
- For use with fluorescent luminaires.
- Suitable for open and closed type luminaires.
- Suitable for use with luminaires with 20.75" x 20.75" x 4.14" lamp compartment.
- Suitable for operation in luminaires with ambient not exceeding 55°C / 131°F

COMPONENTS INCLUDED

Part	Quantity
Power and Color Selectable LED Driver	1
11" Alumagroove LED Module with Lens	2
Mounting Accessories (Connector Wires, Tek Screws, Wire-nuts)	1

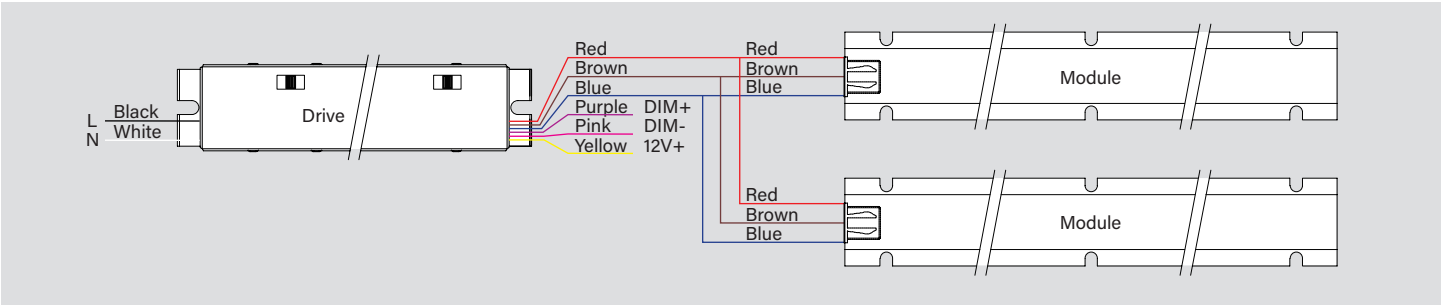
Caution: Before installing, ensure that AC power to the fixture is off.

Caution: The electrical rating of this product is 120-277Vac. Installer must confirm that there is 120-277Vac at the fixture before installation.

ELECTRICAL SPECIFICATIONS

Catalog Number	Wattage Selectable	CCT Selectable	Lumens	CRI
KT-RKIT18PS-D11L1-8CSA-VDIM	18W	3500K	2,640	> 80
		4000K	2,700	
		5000K	2,820	
	14W	3500K	2,060	
		4000K	2,100	
		5000K	2,190	
	10W	3500K	1,460	
		4000K	1,500	
		5000K	1,580	

WIRING SPECIFICATIONS



ORDERING INFORMATION

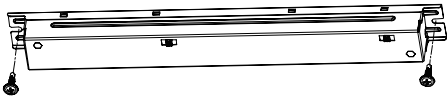
Catalog Number	Description	UPC	Easy Code
KT-RKIT18PS-D11L1-8CSA-VDIM	LED Retrofit Kit	843654174570	BJS-23

INSTALLATION INSTRUCTIONS

1. Ensure that the power to the unit is turned off. Use proper lockout and tagout procedures.

2. Remove existing lamps, fixture cover plate, and ballast. Leave wiring in place and make sure wire length is long enough to attach to the new LED driver. Verify that the AC supply line is provided with a ground wire connected to the luminaire.

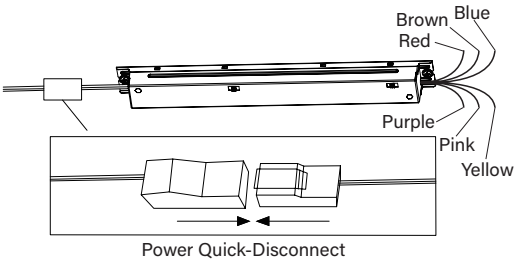
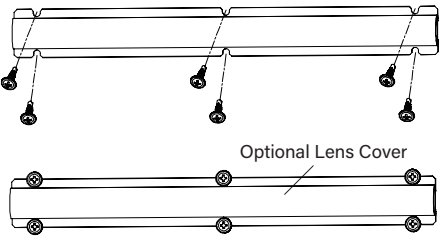
3. Secure driver to fixture.



4. Secure modules to fixture. Use self-tapping screws to creat new mounting holes if necessary.

5. Connect the black (L) and white (N) wires of driver to black and white wires of AC line using the Listed Power Quick-Disconnect.

6. Insert the connector wire into the female terminal at the LED module. Then use listed connector to connect the red wire of the driver to the red connector wire, connect the brown wire of the driver to the brown connector wire, and connect the blue wire of the driver to the blue connector wire. If a dimmer is being used, connect the purple wire of the driver to DIM+ and connect the pink wire of the driver to DIM-. If auxiliary power is needed, connect the yellow wire of the driver to 12V+. Cap all wires that are not being used. Please refer to the wiring diagram below.



Note: Wire connectors are on back side of module channel. Depending on the application, it may be easier to pre-wire modules before mounting.

7. Flip switches on LED driver to select desired lumen and color temperature output.

8. Compact wires and reattach fixture cover plate.

9. Restore power and ensure that LED modules are operating correctly.