

## IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

When using electrical equipment, basic safety precautions should always be followed including the following:

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.

## SAVE THESE INSTRUCTIONS!

### **WARNING Risk of fire or electric shock.**

- Luminaire wiring and electrical parts may be damaged when drilling for installation. Check for enclosed wiring and components.
- This installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- To prevent wiring damage or abrasion, do not expose wires to the edge of sheet metal or other sharp objects.
- Do not make or alter any open holes in the enclosure holding wiring or electrical components during kit installation.

### Green light retrofit instructions

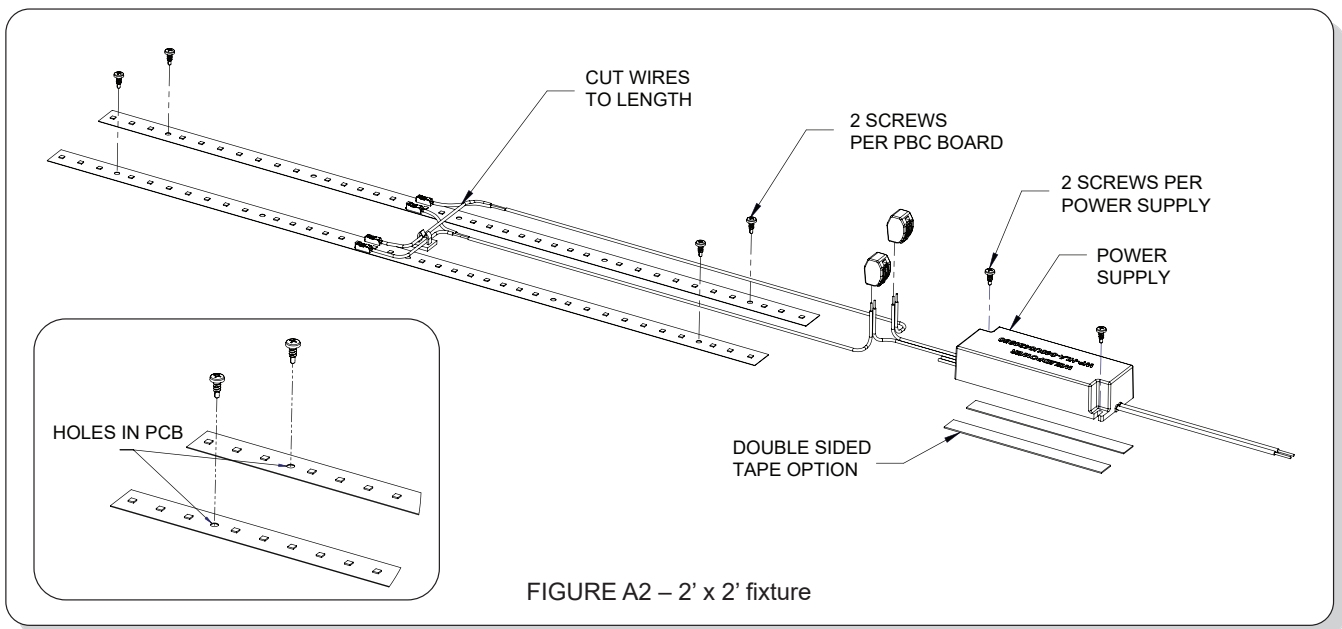
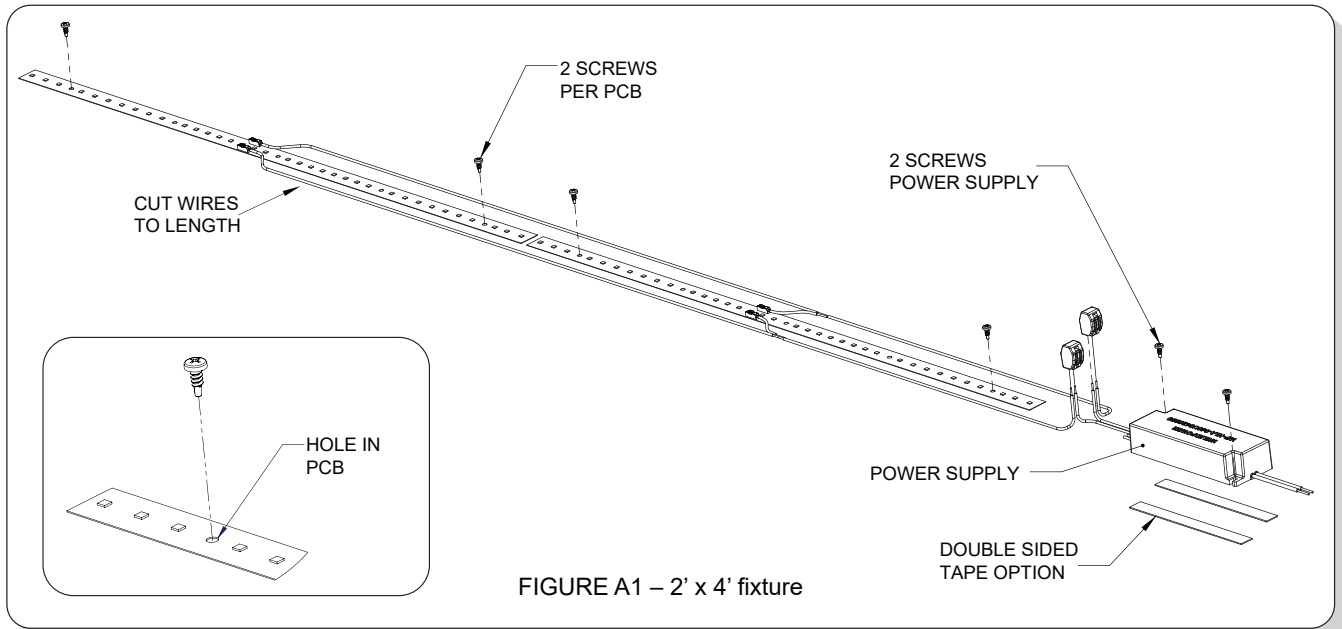
This kit is intended to retrofit existing center basket fixtures utilizing our plant safe 530nm Green Light Technology. This kit will allow a second set of LED boards to be powered from the included power supply on a separate circuit from the existing white LED boards. All the components required to complete this retrofit procedure are included in the kit. Every installation will be unique depending on the center basket manufacturer. It is recommended that a test unit is installed before full renovation to ensure fixture compatibility.

Description	QTY
2' Linear Green Board, 530 nm	2
Power supply 950mA 24-40Vout 38Watt CC	1
Splitter, Green light Retrofit, 54", 18AWG, Black	1
Splitter, Green light Retrofit, 54", 18AWG, Red	1
Compact Splicing Connector; 2-Conductor Terminal Block with Operating Levers	5
Double Sided Adhesive Tape, 1/2" W x 5" L	2
Wire Saddle, 1/2" sq., with adhesive back	4
6-32 x 3/8" Pan Head Self-Tapping Sheet Metal	6
Ratings Label	1

### Choosing Green LED board placement

Remove the center basket of the fixture to access the area the white LED board is mounted. Test fit the Green LED boards in a location adjacent to the white LED board. The Green LED boards can be mounted end to end in a 4-foot fixture or side by side in a 2-foot fixture; shown in figure (A1) 2' x 4', (A2) 2' x 2'.

Once a suitable location has been determined remove the blue release paper from the back of the Green LED board to expose the adhesive and stick the board down in the area you test fitted it in. Plan ahead, once the board has been placed you will not be able to reposition it without causing damage to the board. Finally secure the board with the (2) included self-tapping screws in the positions shown in figure (A1) 2' x 4', (A2) 2' x 2'.

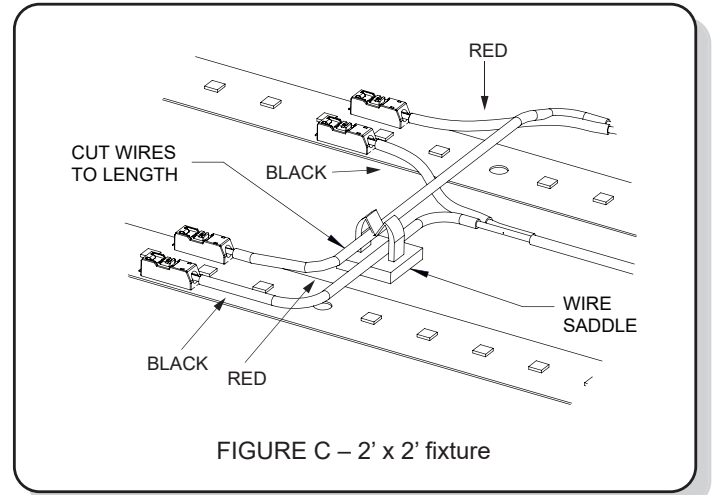
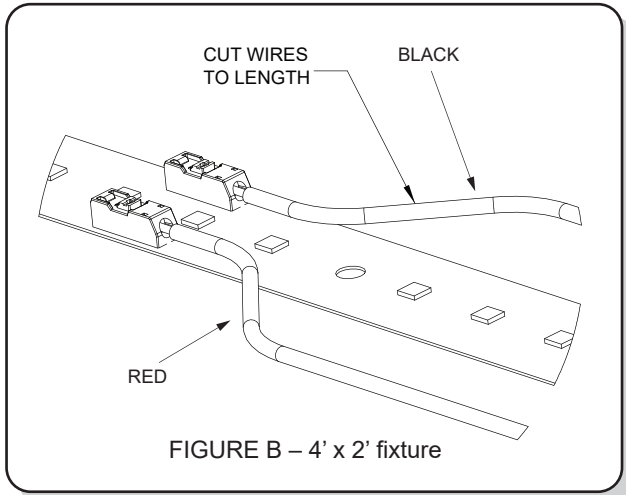


# GLE-GL-RKU

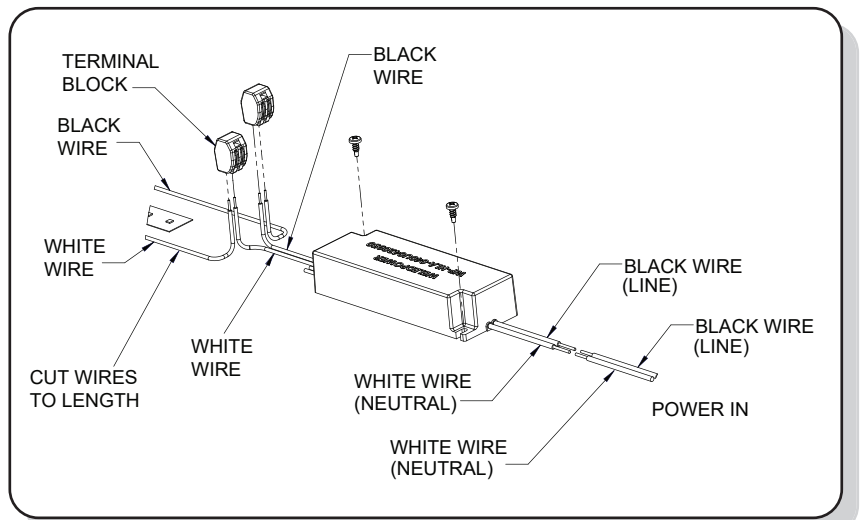
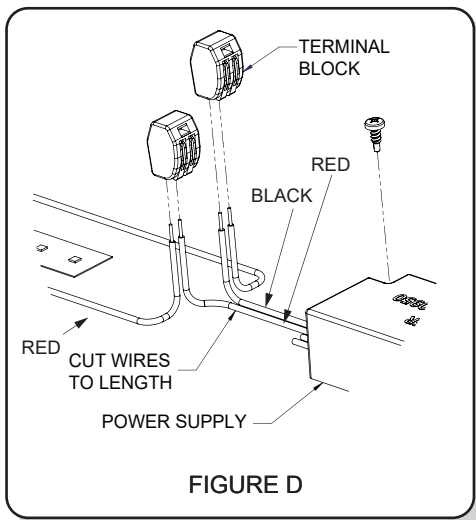
## Installation Instructions



Each Green LED board has 2 poke-in connectors J1 is V+ (red wire) and J2 is V- (black wire). Insert the stripped end of the wire into the appropriate connector and push it in till you reach the insulation (figure B or C). Once the boards are connected feed the wires through to the top side of the fixture. Ideally into the wiring compartment that contains the driver for the white LED strip. Wires can be cut and stripped if there is an excess in your unique retrofit situation; strip length = 8mm or 5/16" for the poke in connectors J1 and J2.



Mount the power supply to the top side of the fixture preferably in the wiring compartment if there is room and secure using (2X) #6-32 self-tapping screws or (2X) double sided tape. Use the included lever style terminal blocks to connect the red wire from the power supply to the red wire from the LED strips and do the same with the black wire (figure D).



### Electrical Connections

Make electrical connections as follows

- Green - Ground
- White - Common
- Black - Driver 120-277VAC

All electrical connection should be made inside an approved wiring compartment.