

MaxLite® LED LENSED RETROFIT KIT (2x2 & 2x4)



General Safety Information

- 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 on the fixture box and all 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.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL Listed troffer housing.



2x2:
 LRK22D2535
 LRK22D2541
 LRK22D2550
 LRK22D3035
 LRK22D3041
 LRK22D3050

2x4:
 LRK24D3535
 LRK24D3541
 LRK24D3550
 LRK24D4035
 LRK24D4041
 LRK24D3550

Picture is for illustration purposes only. Your model may vary and may not be identical to the fixture purchased.

WARNING: RISK OF FIRE OR ELECTRIC SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.
- Install this kit only in luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION: RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- **MIN 90°C SUPPLY CONDUCTORS.**

Operating characteristic:

Voltage input: 120/277V 50/60 Hz
 Operating temp: -40°F to 104°F

LRK22D25XX – Dimmable 25w 2x2
LRK24D35XX – Dimmable 35w 2x4

LRK22D30XX – Dimmable 30w 2x2
LRK24D40XX – Dimmable 40w 2x4

Model Options:

If **XX=35**, Kelvin temp is 3500K
 If **XX=41**, Kelvin temp is 4100K
 If **XX=50**, Kelvin temp is 5000K

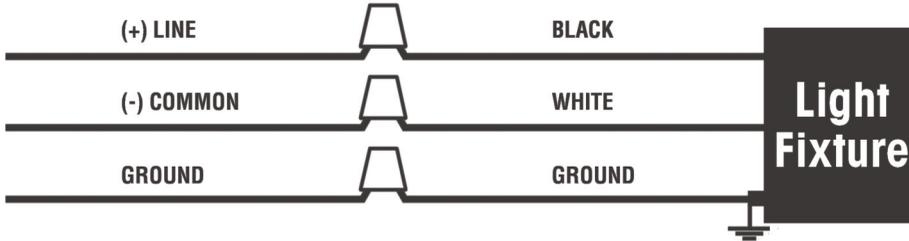
MaxLite® LED LENSED RETROFIT KIT (2x2 & 2x4)

General Wiring Diagrams

CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

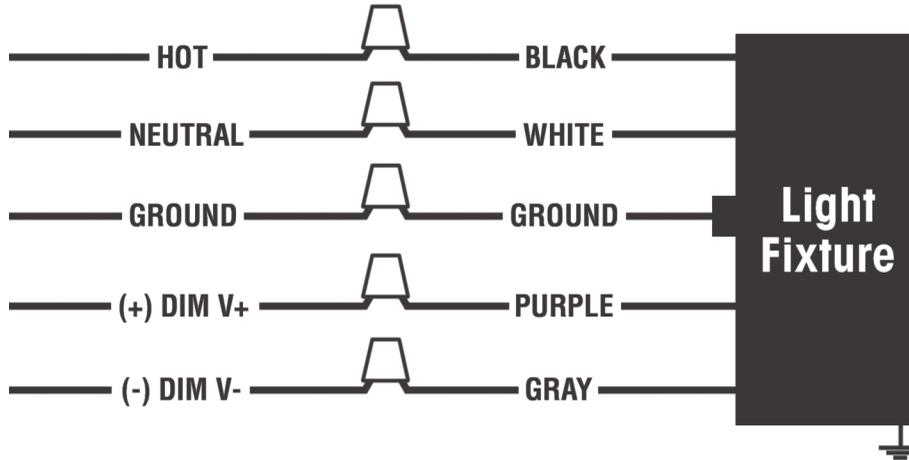
Wiring:

- 1.) Connect the black fixture wire to the (+) LINE supply wire.
- 2.) Connect the white fixture wire to the (-) COMMON supply wire.
- 3.) Connect the green fixture wire to supply ground wire.



0-10V Dimmable Wiring:

- 1.) Connect the black fixture wire to the HOT LINE supply wire.
- 2.) Connect the white fixture wire to the NEUTRAL supply wire.
- 3.) Connect the green fixture wire to supply ground wire.
- 4.) Connect the purple fixture wire to the (V+) DIM wire.
- 5.) Connect the gray fixture wire to the (V-) DIM wire.

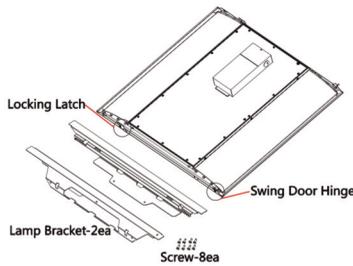




MaxLite® LED LENSED RETROFIT KIT (2x2 & 2x4)

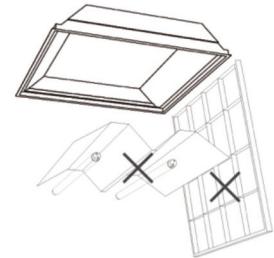
Installation & Operation

- Parts:
 - Main fixture body - 1ea
 - Screw - 8ea
 - Lamp bracket - 2ea
 - Coil protective ring - 2ea

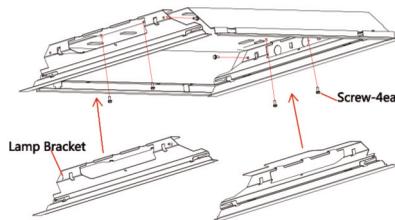


- Before installation, **DISCONNECT ALL INCOMING POWER TO FIXTURE**, remove all electrical parts and the ballast compartment cover leaving only the supply and grounding leads.

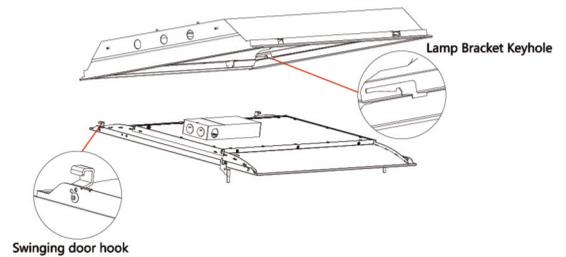
- REMOVE EXISTING:**
- LENS / LENS FRAME
 - PARABOLIC LOUVER
 - REFLECTORS / BALLAST COVERS
 - BRACKETS
 - LAMPS / LAMP HOLDER



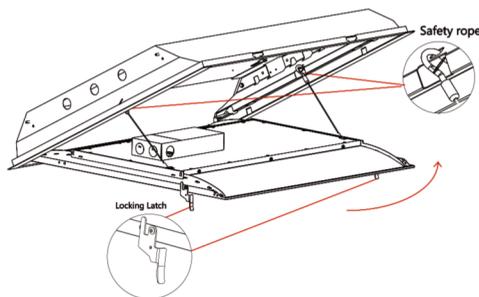
- Attach the Lamp Brackets on both sides of the troffer (between existing fixture housing and Tgrid) with screws.



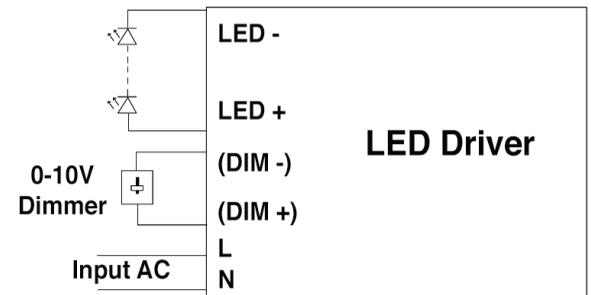
- Install Door Frame to Lamp Brackets.



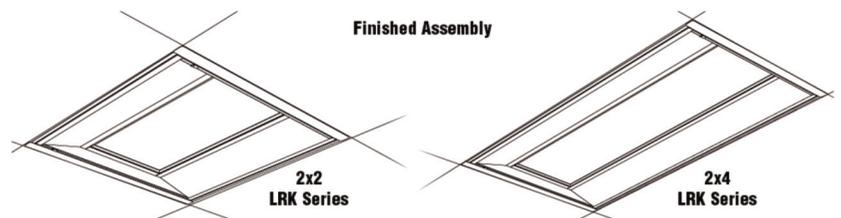
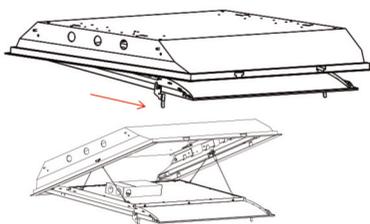
- Locate the swing door supports located on each end of the Lamp Bracket. Install the swing door hinges into the keyholes on the Lamp Brackets.
- Hang safety cable on both sides of lamp bracket.



- Make sure power is switched OFF before starting work using this LED driver schematic:



- When taking off the LRK, loosen locking latch, move LRK follow arrows forward 0.4" then open the LRK.



MaxLite® LED LENSED RETROFIT KIT (2x2 & 2x4)**Warranty Information**

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the “Warranty Period”), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite’s website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP’S PERFORMANCE, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE’S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT. WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.