

Installation Instruction Guide

LRKU (LED Retrofit Kit Universal) - ERP IIS00321

7/28/2021

Rev4.0



Retrofit surface mount, Type IC or non-IC recessed mount Listed fluorescent luminaires suitable for Dry/Damp/Wet location that use tubular lamps with a diffuser.

Note: This retrofit kit can only be installed on fixtures with a steel back panel/housing

READ AND FOLLOW ALL SAFETY INSTRUCTIONS IMPORTANT SAFETY INSTRUCTIONS

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR SIGNIFICANT PROPERTY DAMAGE.

For your protection, carefully read all these warnings and instructions completely before installing or maintaining this equipment. These instructions do not attempt to cover all installation and maintenance situations. If you do not understand these instructions or if additional information is required, contact Manufacturer or your local Manufacturers representative/distributor.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK.

LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

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Disconnect power prior to installation.

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Disconnect power prior to installation. 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.

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.

Only those open holes indicated in the photographs and/or drawings 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

RISK OF FIRE OR ELECTRIC SHOCK, OR PERSONAL INJURY

Do not install in a damaged fixture.

Before Installation, turn power off.

WARNING

RISK OF FIRE OR ELECTRIC SHOCK

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

FOR CONNECTIONS USE WIRE RATED FOR AT LEAST 75C


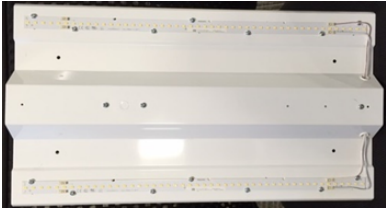

THE RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION. PRODUCT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH THE APPLICABLE AND APPROPRIATE ELECTRICAL CODES. THE INSTALLATION GUIDE DOES NOT SUPERSEDE LOCAL OR NATIONAL REGULATIONS FOR ELECTRICAL INSTALLATIONS.

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Quantity	Name	Image
1	Fixture Label	Not Shown
6	TEK Self-drilling Screws	
1	Retrofit Tray (Size based on length ordered – See Catalog sheet)	
2	Safety Tether Cable	

TOOLS REQUIRED



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Verify Voltage of the Retrofit kit matches existing Voltage – If there is a mismatch DO NOT proceed!

WARNING

RISK OF FIRE OR ELECTRIC SHOCK, OR PERSONAL INJURY

Do not install in a damaged fixture.

Before Installation, turn power off to luminaire.

Note: For Recessed luminaire, the luminaire needs to be supported independent of Ceiling grid.

For Surface mounted luminaire, the luminaire must be mounted or supported independent of an outlet box.

STEP ONE:

Open existing lens door, remove, and set aside for later re-installation.



STEP TWO:

Remove lamps and set aside for proper Recycling.



STEP THREE:

Remove Ballast Cover and Recycle/Discard.



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WARNING

RISK OF FIRE OR ELECTRIC SHOCK, OR PERSONAL INJURY

Do not install in a damaged fixture.

Before Installation, turn power off to luminaire.

Note: For Recessed luminaire, the luminaire needs to be supported independent of Ceiling grid.
For Surface mounted luminaire, the luminaire must be mounted or supported independent of an outlet box.

STEP FOUR:

Disconnect Ballast from incoming feed. Remove ballast along with socket straps (saddles), sockets and any other lamp retaining clips/hardware. (Recycle/ Discard)



STEP FIVE:

Hang retrofit kit by installing tether cable (one at each end) along side of existing luminaire using self drilling screws.



STEP SIX:

Connect ground wire from LED Retrofit tray to the fixture housing by connecting to the existing ground wire/ground screw of fixture.



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⚠ WARNING

RISK OF FIRE OR ELECTRIC SHOCK, OR PERSONAL INJURY

Do not install in a damaged fixture.
Before Installation, turn power off to luminaire.

Note: For Recessed luminaire, the luminaire needs to be supported independent of Ceiling grid.
For Surface mounted luminaire, the luminaire must be mounted or supported independent of an outlet box.

STEP SEVEN:

Plug-in LED Driver Disconnect to Main Power.



STEP EIGHT:

Make sure to measure for the center of the luminaire so the assembly will be in the middle. Install retrofit tray on the back of the housing as shown and secure in place using the 4 self-drilling screws provided.



STEP NINE:

Re-install the lens door frame.



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by VISCOR

LED Tray models below are used for Retrofit luminaires with minimum size 2ft. by 2ft.

Model Number	Range of Sizes for Luminaire to be Retrofitted
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x22 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x22	2 x 2 to 4.5 x 2
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x44 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x44	2 x 4 to 4.5 x 4
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x66 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x66	2 x 6 to 4.5 x 6
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x88 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x88	2 x 8 to 4.5 x 8
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x110 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x110	2 x 10 to 4.5 x 10
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x132 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x132	2 x 12 to 4.5 x 12

NOTE:

The luminaire to be retrofitted should have min. depth of 3.5 inches and made of Steel back panel.

Please consult manufacturer if the size of luminaire to be retrofitted is between what is tabulated above.

LED Tray models below are used for Retrofit luminaires with minimum size 1ft. by 4ft.

Model Number	Range of Sizes for Luminaire to be Retrofitted
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x22 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x22	1 x 4 to 4.5 x 4
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x88 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x88	1 x 8 to 4.5 x 8
LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-4x132 to LRKU-xxx-xx-LEDxxxx-xxxx-xxx-C105-50x132	1 x 12 to 4.5 x 12

NOTE:

The luminaire to be retrofitted should have min. depth of 3.5 inches and made of Steel back panel.

Please consult manufacturer if the size of luminaire to be retrofitted is between what is tabulated above.