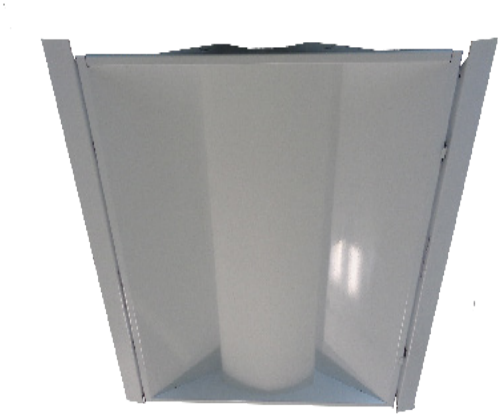
RKDIS LED
LED Troffer Retrofit Kit

APPLICATIONS

This unique LED Retrofit Kits is an energy efficient, easy to install solution to upgrade your fluorescent troffer to LED. Compatible with both standard and narrow T-grids, it offers a simple retrofit that will improve the look of your ceiling with its architectural styling without the need to actually break the ceiling plenum. This kit offers a true Indirect/Direct solution that not only provides more energy efficiency but also the true comfortable performance of an indirect/direct fixture designed especially for workspaces with CRTs. The main diffuser and slanted troffer help reduce glare and create a pleasant, uniform throw of light. This unique kit works with either a perforated basket or a highly efficient specially designed acrylic diffuser. With this kit, you will get the energy savings and performance of the latest technology without the fuss and mess of changing out fixtures completely.



RKDIS 24 Series

FEATURES & BENEFITS

- Constant current LED drive programmable
- Input voltage 120-277V
- ETL Listed for damp or dry locations
- 0-10V Dimmable
- 5 year warranty
- THD <10%
- PF >0.95
- Minimum 83 CRI

SPECIFICATIONS

The RKDIS retrofit kit is a great upgrade solution for fluorescent troffers to LED. The kit provides a stylish architectural look without breaking the ceiling plenum, also provides a more efficient solution with greater energy savings and performance of the latest technology without the fuss and mess of changing out fixtures completely.

ORDERING DATA

EXAMPLE: RKDIS24-LED48FRDMV35

RKDIS | | LED | | FR | | |

Series	Size	Gear	Wattages & Lumens	Lens Material	Driver	Color Temp
RKDIS	**14** 1x4 **22** 2x2 **24** 2x4	**LED**	**1x4** DLC Listed **15** 15 Watts 1950 Lumens P **20** 20 Watts 2750 Lumens P **24** 24 Watts 3205 Lumens P **28** 28 Watts 3590 Lumens S **32** 32 Watts 4305 Lumens S **40** 40 Watts 5150 Lumens S **48** 48 Watts 5860 Lumens S **57** 57 Watts 6600 Lumens S	**FR** Frosted lens	**DMV** 120-277V 0-10V Dimmable Field installed dimming leads **SDMV** 120-277V 50% Step Dimming *Consult for Triac Dimming Options	**30** 3000K **35** 3500K **40** 4000K **50** 5000K

2x2

			DLC Listed
15	15 Watts	1925 Lumens	P
20	20 Watts	2690 Lumens	P
24	24 Watts	3080 Lumens	P
28	28 Watts	3360 Lumens	S
35	35 Watts	4325 Lumens	S
40	40 Watts	4765 Lumens	S
45	45 Watts	5090 Lumens	S

2x4

			DLC Listed
15	15 Watts	2270 Lumens	N
20	20 Watts	2995 Lumens	N
24	24 Watts	3375 Lumens	N
28	28 Watts	4040 Lumens	P
30	30 Watts	4345 Lumens	N
32	32 Watts	4670 Lumens	P
48	48 Watts	6780 Lumens	P
57	57 Watts	7130 Lumens	P
62	62 Watts	7800 Lumens	P

*DLC Listings - DMV only
N - Not DLC Listed
S - DLC Standard
P - DLC Premium

Dimensions and specifications subject to change without notice. Lumens at 4000K

Buy American Act & the American Recovery and Reinvestment Act

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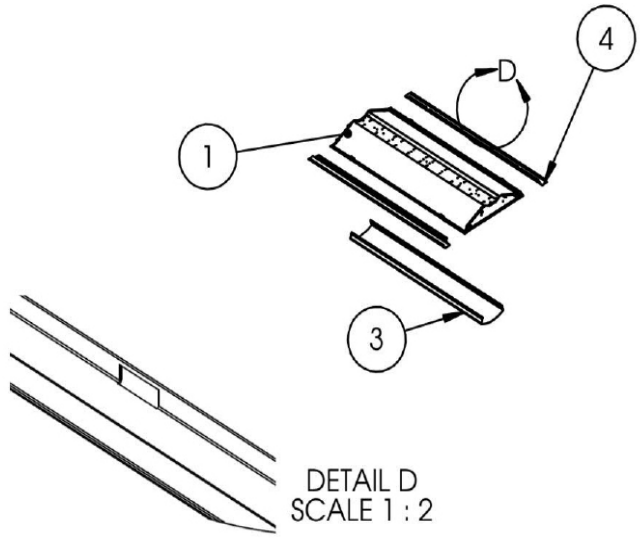
CAT# | JOB NAME | TYPE

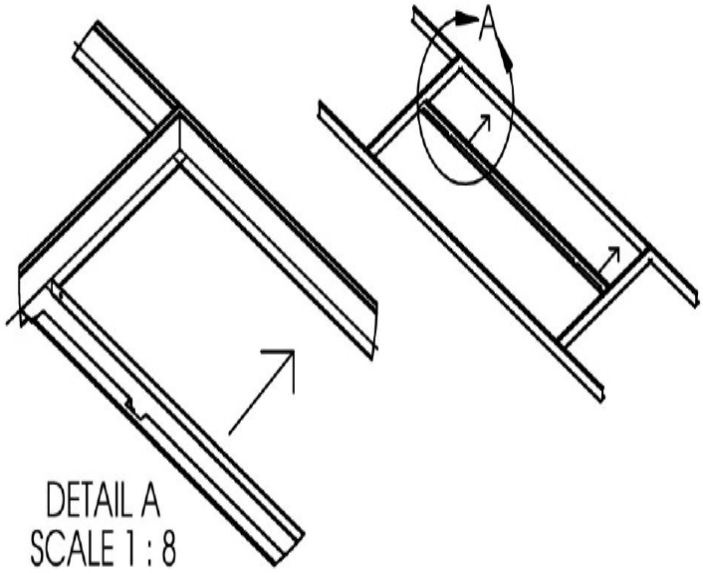
REV 01/11/2018

RKDIS RETROFIT KIT
Installation Instructions

1. Disconnect the power. Take out all components in the existing fixture. Leaving only the pan, end caps and all safety and code required attachments on the fixture, essentially the shell of the old fixture.

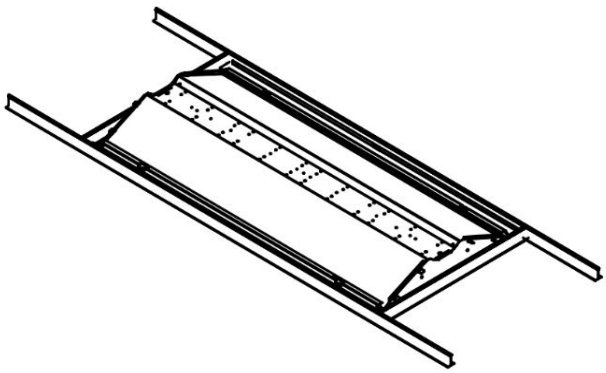
2. Remove the "Old Shell" for a moment. Insert the MNT Strip (4) into the grid. Make sure the back edge with the .500 in. bend is facing the grid with the flat plane of the MNT strip resting atop the lip of the grid at each end. Then push the MNT strip until the .500 in. flange contacts the grid on the side. Place one MNT strip on each side of the grid length.





On certain installments, it will require a specific rail for each side of the fixture. In this case,the rail with the rectangle cutout in its center goes on the side of the fixture with the hooks (example shown in Detail D above) and the rail with no cut out in its center goes on the latch side of the fixture.

3. Once the two MNT strips are in place at each side of the grid, replace the 'old shell' of previous fixture down into the grid. The face of the old fixture that was sitting on the lip of the grid should now be sitting on top of the inside face of the rails on both sides. Be sure to reconnect all safety and code required attachments from the pre-existing fixture. Each side of the fixture should be sitting on top of the MNT strips. This will act as an anchor the RKDIS.



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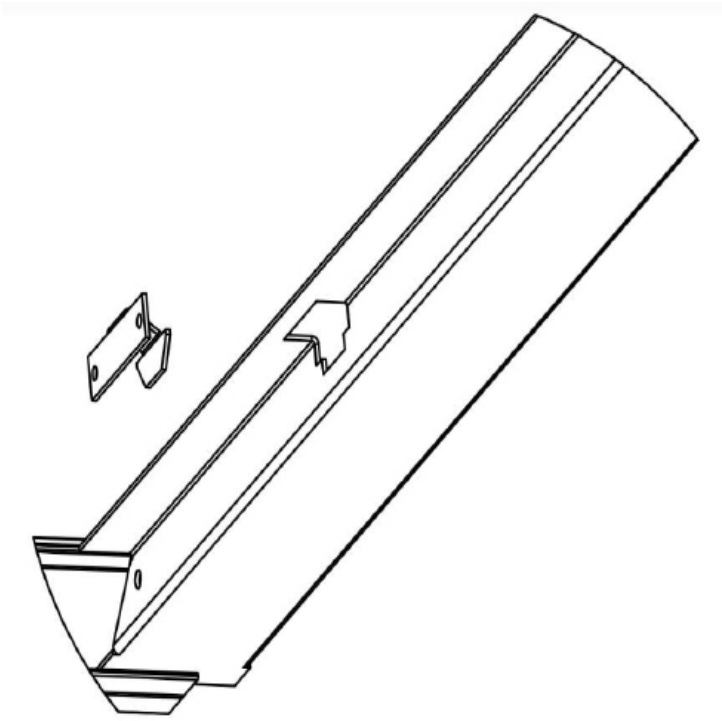
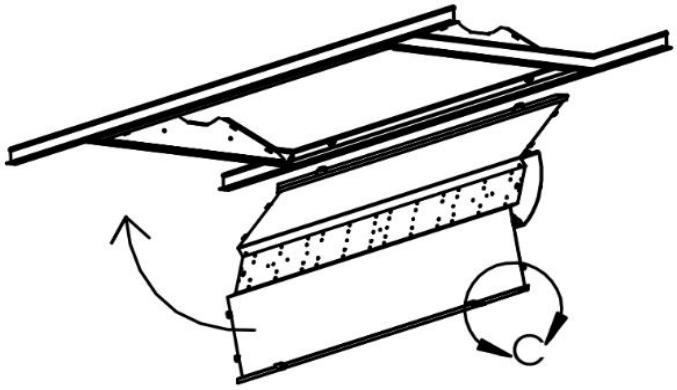


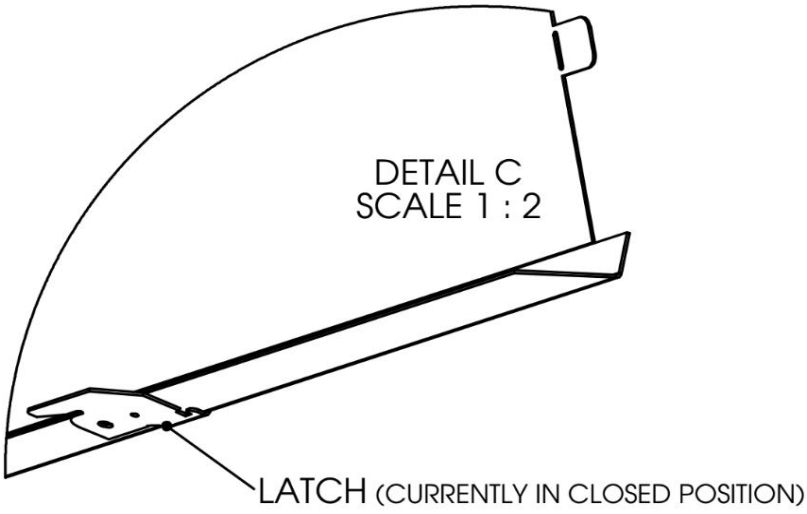
This view is a simple view to show the hook and the hole in the MNT strip where the hook will be placed in. All other parts have been suppressed for this purpose. The pan WILL BE ATTACHED to this hook when you are trying to mount the fixture body to the mount strips.

4. With the MNT strips in place, position the body so that the hooks along one side line up with corresponding hole in the MNT strip. Push the hooks into the holes and now the fixture will hang from these strips like an open door. Please note the hooks can go into either MNT strip so be sure you are placing the body on the side you want. As this merely controls from which side the 'door' swings open.

5. With the body now in position all wiring should be easily accomplished. Now just swing the 'door' closed and secure by closing the latches on the body.



At this point, attach the lens and you are done.



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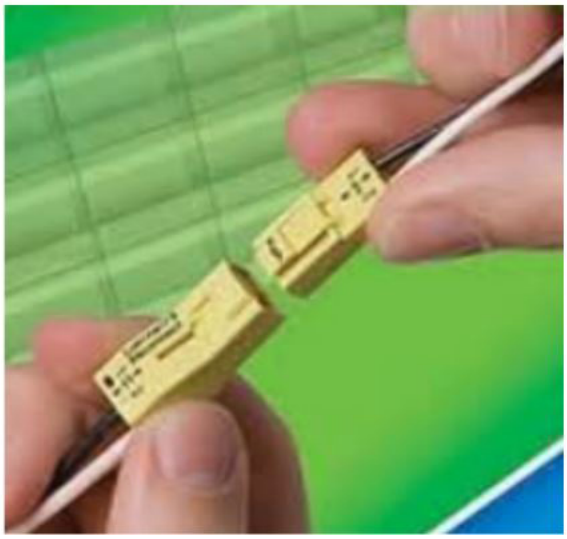
PICTURE A

This fixture is designed with a quick disconnect feature. (See Picture A left)....meaning the fixture itself has a small yellow disconnect attachment.

First push the tab at the center of the connect to pull the connect into two sections. The small side should remain attached to the power wires that are attached to the fixture. This leaves you with the larger section to connect your power to. Your power wire should have a standard hot and neutral wire. On the large end of the disconnect you can push the wires from your power cable into the disconnect. The black side being the hot and the white side being the neutral. With your wires attached you can now push the two sides back together adn you're done.
(See Demonstration A right)



DEMONSTRATION A

INSTALLATION INSTRUCTION CAUTION:

WARNING -- RISK OF FIRE OR ELECTRIC SHOCK.
INSTALL THIS KIT ONLY IN THE LUMINAIRES THAT HAS 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.

THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDISCTION.

DO NOTMAKE OR ALTER ANY OPEN HOLES IN AN ENCLOSURE OF WIRING OR ELECTRICAL COMPONENTS DURING KIT INSTALLATION.

WARNING -- RISK OF FIRE OR ELECTRIC SHOCK.
INSTALLATION OF THIS RETROFIT ASSEMBLY REQUIRES A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE LUMINAIRE'S ELECTRICAL SYSTEM AND THE HAZARD INVOLVED. IF NOT QUALIFIED, DO NOT ATTEMP INSTALLATION. CONTACT A QUALIFIED PERSON.

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