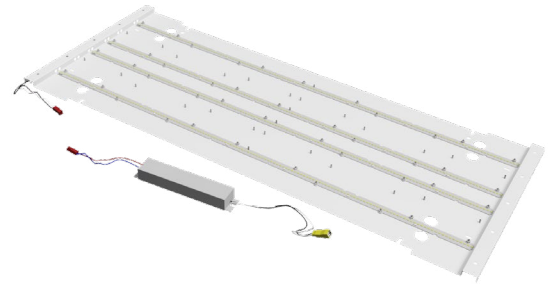


LED Retrofit Kit: RFK-TROFFERS

For Kurtzon Surface, Flange, & Grid Mount Troffers.

- Converts existing Kurtzon Fluorescent fixtures into LED fixtures.
- Designed to fit directly into existing Kurtzon troffers.
- Quickly installs using mechanical hardware that is already in the luminaire
- Improves luminaire efficiency
- Extends fixture lifetime before a complete replacement is required.
- Consult factory for Custom or non-kurtzon retrofit kits.



DISCLAIMER: Although KURTZON has prepared the information contained in this document with all due care, KURTZON does not warrant or represent that the information is free from errors or omission. Whilst the information is considered to be true and correct at the date of publication, changes in circumstances after the time of publication may impact on the accuracy of the information. The information may change without notice and KURTZON is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

ORDERING GUIDE

Series	Install	Size	Light Source	CCT/CRI	Voltage	Options
RFK					UNV	
RFK	F Flange G Grid S Surface	1x4 1' x 4' Housing	2 LEDR 2 LEDH	80 CRI: 830 3000K CCT 835 3500K CCT	UNV	FC Fuse & Holder (One Supplied Per Circuit) 2/ED Two Drivers (Two Circuits) EDL -40F Electronic Driver 10KV Parallel Surge Protection EM10 10W Field Installable Battery
		2x2 2' x 2' Housing	2 LEDR	840 4000K CCT		
		2x4 2' x 4' Housing	2 LEDH	850 5000K CCT		
			4 LEDR	90 CRI: 935 3500K CCT 940 4000K CCT		
			4 LEDH			
			6 LEDR			
			6 LEDH			
						Door Assembly (Ordered as Separate Line Item) RFK DOOR Replacement Door/Lens Assembly
						** Door Assembly includes Screws, Lens, Metal Frame & Any Gasket. RFK DOOR is not available for all kurtzon models (consult factory for availability)

Ordering Notes, If Applicable

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SPECIFICATIONS

OPTICAL: Available with a wide variety of light sources, see energy data for lumen and wattage data. Note that the data provided is Generated Lumens as delivered lumen values will vary by model and LLF. See options for available replacement door frame assemblies.

ELECTRICAL: Included Drivers are dimmable down to 10% via 0-10v dimming and have a 9" mounting hole pattern to fit onto existing hardware spacing. All electrical components are pre-wired and labeled. Quick disconnects are used to make installation even easier. See options for available accessories such as surge protectors, fuse holders, and controls.

MECHANICAL: Retrofit Kit installs directly into the existing Kurtzon housing without the need to bend, cut, or drill the housing or kit. Simply open the door and remove all of the existing components, and then secure the Retrofit Kit in place using included mounting hardware and existing PEM studs in the housing. LED drivers are mechanically secured in existing ballast mounting locations using included hardware kit.

To get the process started we will need at least one of the following:

- Sales Order Number
- Complete Catalog number and install date
- Purchase Order #

in addition it would be helpful to provide any relative site information (temperature, humidity, input voltage, etc) Contact your local rep for sample policy on retrofit kits.

ENERGY DATA

GENERATED LUMENS (DELIVERED LUMENS VARY BY FIXTURE BASED ON LLF)															
ENCLOSURE SIZE	LIGHT PACKAGE	STANDARD DRIVER QTY	DIMMING	80 CRI (3000K - 5000K)						90+ CRI (3500K, 4000K)					
				GENERATED LUMENS	ALC LUMENS (EST LLF = .75)	WATTS ²	EFFICACY ³	MINIMUM	MAXIMUM ⁴	GENERATED LUMENS	ALC LUMENS (EST LLF = .75)	WATTS ²	EFFICACY ³	MINIMUM	MAXIMUM ⁴
1X4	2LEDH	1	0-10V 10%	7,904	5,928	50	119	-20°C (-4°F)	40°C (104°F)	7,584	5,688	50	114	-20°C (-4°F)	40°C (104°F)
1X4	2LEDR	1	0-10V 10%	15,728	11,796	97	122	-20°C (-4°F)	40°C (104°F)	15,104	11,328	97	117	-20°C (-4°F)	35°C (95°F)
2X2	2LEDH	1	0-10V 10%	3,952	2,964	28	106	-20°C (-4°F)	40°C (104°F)	3,792	2,844	28	102	-20°C (-4°F)	40°C (104°F)
2X2	2LEDR	1	0-10V 10%	7,864	5,898	50	118	-20°C (-4°F)	40°C (104°F)	7,552	5,664	50	113	-20°C (-4°F)	40°C (104°F)
2X2	4LEDH	1	0-10V 10%	7,904	5,928	50	119	-20°C (-4°F)	40°C (104°F)	7,584	5,688	50	114	-20°C (-4°F)	40°C (104°F)
2X2	4LEDR </td <td>1</td> <td>0-10V 10%</td> <td>15,728</td> <td>11,796</td> <td>97</td> <td>122</td> <td>-20°C (-4°F)</td> <td>40°C (104°F)</td> <td>15,104</td> <td>11,328</td> <td>97</td> <td>117</td> <td>-20°C (-4°F)</td> <td>40°C (104°F)</td>	1	0-10V 10%	15,728	11,796	97	122	-20°C (-4°F)	40°C (104°F)	15,104	11,328	97	117	-20°C (-4°F)	40°C (104°F)
2X2	6LEDH	1	0-10V 10%	11,856	8,892	73	122	-20°C (-4°F)	40°C (104°F)	11,376	8,532	73	117	-20°C (-4°F)	35°C (95°F)
2X2	6LEDR	2	0-10V 10%	23,592	17,694	147	120	-20°C (-4°F)	40°C (104°F)	22,656	16,992	147	116	-20°C (-4°F)	35°C (95°F)
2X4	2LEDH	1	0-10V 10%	7,904	5,928	50	119	-20°C (-4°F)	40°C (104°F)	7,584	5,688	50	114	-20°C (-4°F)	40°C (104°F)
2X4	2LEDR	1	0-10V 10%	15,728	11,796	97	122	-20°C (-4°F)	40°C (104°F)	15,104	11,328	97	117	-20°C (-4°F)	40°C (104°F)
2X4	4LEDH	1	0-10V 10%	15,808	11,856	97	122	-20°C (-4°F)	40°C (104°F)	15,168	11,376	97	117	-20°C (-4°F)	40°C (104°F)
2X4	4LEDR	2	0-10V 10%	31,456	23,592	194	122	-20°C (-4°F)	40°C (104°F)	30,208	22,656	194	117	-20°C (-4°F)	40°C (104°F)
2X4	6LEDH	2	0-10V 10%	23,712	17,784	147	121	-20°C (-4°F)	40°C (104°F)	22,752	17,064	147	116	-20°C (-4°F)	35°C (95°F)
2X4	6LEDR	3	0-10V 10%	40,000	30,000	248	121	-20°C (-4°F)	40°C (104°F)	38,420	28,820	248	116	-20°C (-4°F)	35°C (95°F)

¹ DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OPTIONS ARE CHOSEN

² WATTAGE IS MEASURED WITH 4000K SELECTION @ 120VAC AND Tambient = 25C. WATTAGES MAY VARY WITH ALTERNATE CONFIGURATIONS

³ EFFICACY CALCULATED USING 4000K CCT DATA.

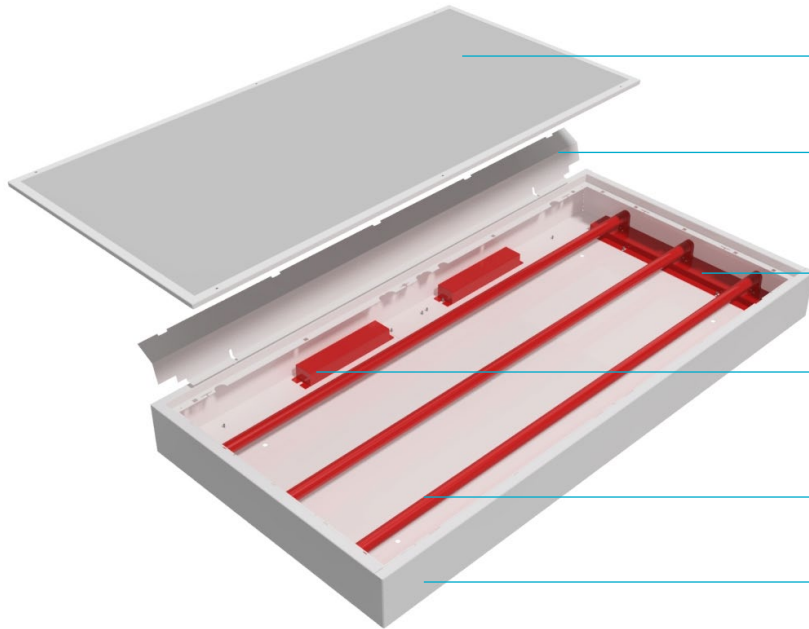
⁴ MAX AMBIENT TEMP RATING, NON-IC INSTALLATION. TEMP RATING MAY VARY WITH SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION

⁵ 90 MINUTE 10W EMERGENCY DRIVER; LUMENS CALCULATED BASED ON FIXTURE EFFICACY.

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REMOVAL (REMOVE ITEMS IN RED)



DOOR FRAME ASSEMBLY

Remove and Set Aside

REFLECTOR

Remove and Set Aside

SOCKET TRACK ASSEMBLY

Remove and Discard

FLUORESCENT BALLAST(S)

Remove and Discard

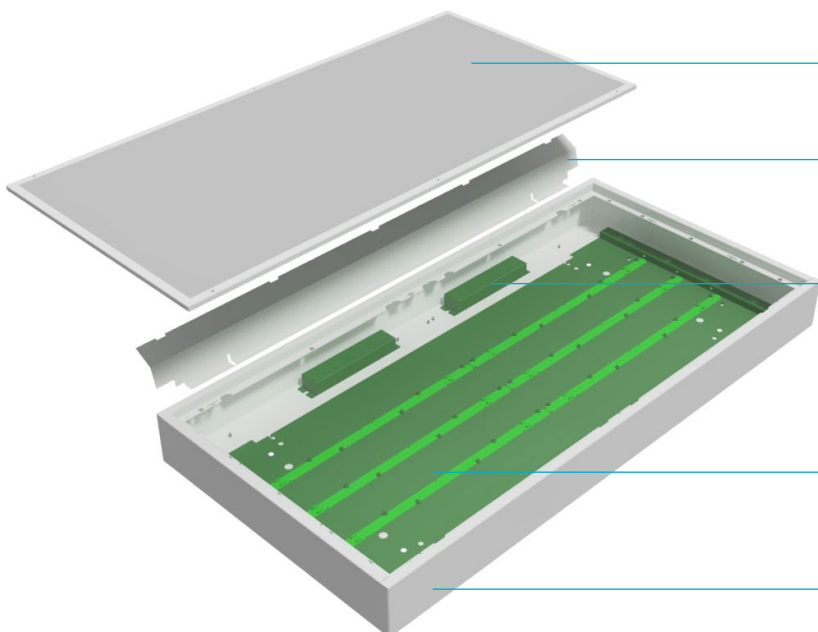
FLUORESCENT LAMPS

Remove and Discard

HOUSING

No Mods Required

INSTALLATION (INSTALL ITEMS IN GREEN)



EXISTING DOOR FRAME ASSEMBLY

EXISTING REFLECTOR

LED DRIVERS

LED PLATE WITH LEDS ALREADY INSTALLED

EXISTING HOUSING