

LED Retrofit Kit

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.



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ORDERING GUIDE

Series	Installation Type	Size	Source	CCT	Voltage	Options
RFK						
RFK Retro Fit Kit	F Flange G Grid S Surface	1x4: 1' x 4' Housing MAX 2 Arrays Total	1/LEDR	83 CRI:	120V	FC: Fuse & Holder (One Supplied Per Circuit) 2/ED: Two Drivers (Two Circuits) EDL: -40F Electronic Driver 10KV: Parallel Surge Protection DOOR ASSEMBLY (ORDERED AS SEPERATE LINE ITEM) RFK DOOR: Replacement Door/Lens assembly **
			2/LEDR	830 = 3000K CCT	277V	
		2/LEDH	835 = 3500K CCT	UNV		
		2/LEDR	840 = 4000K CCT	347V*		
		2x2: 2' x 2' Housing MAX 4 Arrays Total OR 2x4: 2' x 4' Housing MAX 4 Arrays Total	2/LEDR	850 = 5000K CCT		
			2/LEDH	90+ CRI:		
			3/LEDR	935 = 3500K CCT		
			4/LEDR	940 = 4000K CCT		
			4/LEDH			

** Door Assembly includes Screws, Lens, Metal Frame & Any Gasket. RFK DOOR is not available for all kurtzon models (consult factory for availability)

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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	DIMMING	83 CRI (3000K - 5000K)			AMBIENT TEMP		90+ CRI (3500K, 4000K)			AMBIENT TEMP	
			LUMENS	WATTS ²	EFFICACY ³	MINIMUM	MAXIMUM ⁴	LUMENS	WATTS ²	EFFICACY ³	MINIMUM	MAXIMUM ⁴
1X4	1LED	0-10V 10%	4,400	34	129	-20°C (-4°F)	40°C (104°F)	3,600	34	106	-20°C (-4°F)	40°C (104°F)
1X4	2LED	0-10V 10%	8,800	68	129	-20°C (-4°F)	40°C (104°F)	7,200	62	116	-20°C (-4°F)	40°C (104°F)
1X4	2LEDH	0-10V 10%	16,000	113	142	-20°C (-4°F)	40°C (104°F)	16,000	146	110	-20°C (-4°F)	35°C (95°F)
2X2	2LED	0-10V 10%	4,400	35	126	-20°C (-4°F)	40°C (104°F)	3,600	32	113	-20°C (-4°F)	40°C (104°F)
2X2	3LED	0-10V 10%	6,600	53	125	-20°C (-4°F)	40°C (104°F)	5,400	48	113	-20°C (-4°F)	40°C (104°F)
2X2	2LEDH	0-10V 10%	8,000	57	140	-20°C (-4°F)	40°C (104°F)	8,000	73	110	-20°C (-4°F)	40°C (104°F)
2X2	4LED	0-10V 10%	8,800	68	129	-20°C (-4°F)	40°C (104°F)	7,200	62	116	-20°C (-4°F)	40°C (104°F)
2X2	3LEDH	0-10V 10%	12,000	86	140	-20°C (-4°F)	40°C (104°F)	12,000	110	110	-20°C (-4°F)	35°C (95°F)
2X2	4LEDH	0-10V 10%	16,000	113	142	-20°C (-4°F)	40°C (104°F)	16,000	146	110	-20°C (-4°F)	35°C (95°F)
2X4	2LED	0-10V 10%	8,800	68	129	-20°C (-4°F)	40°C (104°F)	7,200	62	116	-20°C (-4°F)	40°C (104°F)
2X4	3LED	0-10V 10%	13,200	103	128	-20°C (-4°F)	40°C (104°F)	10,800	94	115	-20°C (-4°F)	40°C (104°F)
2X4	2LEDH	0-10V 10%	16,000	113	142	-20°C (-4°F)	40°C (104°F)	16,000	148	108	-20°C (-4°F)	40°C (104°F)
2X4	4LED	0-10V 10%	17,600	135	130	-20°C (-4°F)	40°C (104°F)	14,400	124	116	-20°C (-4°F)	40°C (104°F)
2X4	3LEDH	0-10V 10%	24,000	169	142	-20°C (-4°F)	40°C (104°F)	24,000	221	108	-20°C (-4°F)	35°C (95°F)
2X4	4LEDH	0-10V 10%	32,000	225	142	-20°C (-4°F)	40°C (104°F)	32,000	295	108	-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.

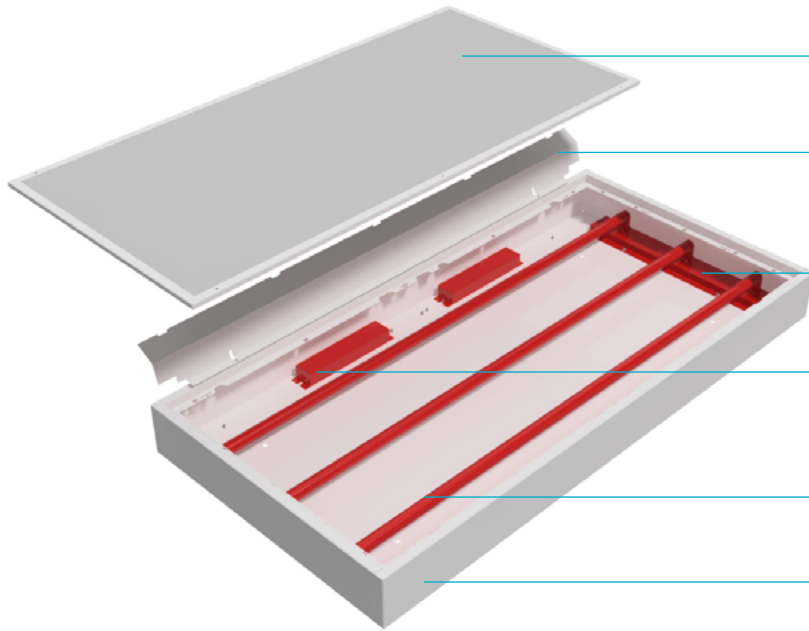
⁴ MAX AMBIENT TEMP RATING, NON-IC INSTALLATION. TEMP RATING MAY VARY WITH SPECIFIED DRIVERS OR ANY NON STANDARD SELECTION

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

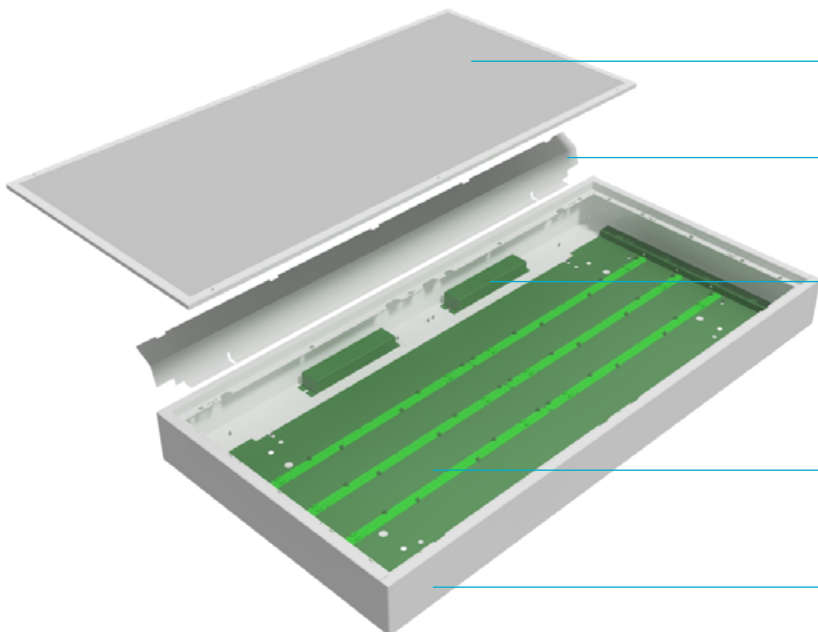
FLUORESCENT LAMPS

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