



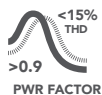
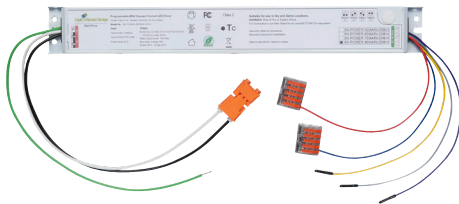
A good or service is TAA-compliant if manufactured or substantially transformed in the United States or manufactured in a TAA-designated country. A TAA-designated country is a nation with which the U.S. maintains a trade agreement and regards as a reliable or acceptable procurement source.

- Lutron compatible control systems.
  - EcoSystem digital control – dims down to 1%
  - 3-wire phase control – dims down to 1%
- 0-10V – dims down to 5%.
- Retrofit for over 50% less than installing a new fixture.
- Simplest & safest way to achieve energy savings.
- Keep existing fixtures, controls, sensors and orphan control system.
- No mess/fixture recycling. No need to break ceiling plane.
- Substantial maintenance and energy savings.
- Optimize local utility rebates.

LUTRON ECOSYSTEM DRIVER



0-10V DRIVER





# TAA COMPLIANT LINEAR BAR RETROFIT KIT

## UPGRADE EXISTING FLUORESCENT LAMPS



### PART NUMBER BUILDER

MFR	TYPE	SIZE	# OF BARS	COLOR	DRIVER	CASE	GEN	OPTIONS
RP	BAR	2FT	1L	830 = 3000K	<b>E1</b> = LUTRON ECO SYSTEM 1DIMS DOWN TO 1% <b>3W</b> = LUTRON 3 WIRE DIMS DOWN TO 1% (3 LAMP CONFIGURATION NOT AVAILABLE) <b>10V</b> = 0-10V DIMMING - ONLY FOR M CASE (KITS WITH M CASE DRIVER REQUIRE WATTAGE OPTION. SEE CONFIGURATION TABLE BELOW FOR SETTINGS) DIMS DOWN TO 5%	<b>K</b> = SQUARE W/ STUDS (NOT AVAILABLE FOR 10V) <b>KN</b> = SQUARE W/O STUDS (NOT AVAILABLE FOR 10V) <b>M</b> = LINEAR (SEE DIMENSIONS ON LAST PAGE)	<b>G2</b>	<b>-BMF</b> (MUST SPECIFY 3W DRIVER ONLY) <b>-EMG</b> <b>-W</b> <b>-TAA</b> SEE TABLE BELOW
	BARHO	3FT	2L	835 = 3500K				
		4FT	3L	840 = 4000K				
			4L					

**EXAMPLE PART NUMBERS** RP-BAR-4FT-2L-835-3W-M-G2-BMF-EMG-TAA

### OPTIONS

BMF	EMG*	W	TAA
<b>ECOSYSTEM BALLAST MODULE</b> Must specify 3W driver only. Used only if ECS ballast had sensors connected	<b>EMERGENCY BATTERY BACKUP</b> (See page 7 for more details) *EMG is not TAA Compliant	<b>SPECIFIC WATTAGE</b> (Only required with 0-10V M-case driver option See below for wattage and lumen options)	<b>TRADE AGREEMENT ACT</b> Manufactured or substantially transformed in the United States or manufactured in a TAA-designated country.

### COMMON DRIVER/EMG CONFIGURATIONS (SEE PG. 5) - SEE PN BUILDER ABOVE FOR CCT AND DRIVER CASE OPTIONS

PART #	BARS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS*	EMG [SEE PG. 5 FOR CONFIGURATIONS]
RP-BAR-2FT-1L-8XX-E1-C-G2-TAA	1	13	1430	CONFIGURATION A
RP-BAR-2FT-2L-8XX-E1-C-G2-TAA	2	25	2750	CONFIGURATION A
RP-BAR-2FT-3L-8XX-E1-C-G2-TAA	3	38	4180	CONFIGURATION A
RP-BAR-3FT-1L-8XX-E1-C-G2-TAA	1	13	1430	CONFIGURATION A
RP-BAR-3FT-2L-8XX-E1-C-G2-TAA	2	25	2750	CONFIGURATION A
RP-BAR-3FT-3L-8XX-E1-C-G2-TAA	3	38	4180	CONFIGURATION A
RP-BAR-4FT-1L-8XX-E1-C-G2-TAA	1	19	2090	CONFIGURATION A
RP-BAR-4FT-2L-8XX-E1-C-G2-TAA	2	37	4070	CONFIGURATION A
RP-BAR-4FT-3L-8XX-E1-C-G2-TAA	3	55	6050	CONFIGURATION B
RP-BARHO-2FT-1L-8XX-E1-C-G2-TAA	1	15	1650	CONFIGURATION A
RP-BARHO-2FT-2L-8XX-E1-C-G2-TAA	2	29	3190	CONFIGURATION A
RP-BARHO-2FT-3L-8XX-E1-C-G2-TAA	3	44	4840	CONFIGURATION B
RP-BARHO-3FT-1L-8XX-E1-C-G2-TAA	1	15	1650	CONFIGURATION A
RP-BARHO-3FT-2L-8XX-E1-C-G2-TAA	2	29	3190	CONFIGURATION A
RP-BARHO-3FT-3L-8XX-E1-C-G2-TAA	3	44	4840	CONFIGURATION B
RP-BARHO-4FT-1L-8XX-E1-C-G2-TAA	1	29	3190	CONFIGURATION A
RP-BARHO-4FT-2L-8XX-E1-C-G2-TAA	2	58	6380	CONFIGURATION B
RP-BARHO-4FT-3L-8XX-E1-C-G2-TAA	3	87	9570	CONFIGURATION C

\*System lumens based on bar design criteria.

### COMMON DRIVER/EMG CONFIGURATIONS (SEE PG. 5) - SEE PN BUILDER ABOVE FOR CCT AND DRIVER CASE OPTIONS

PART #	BARS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS*	EMG [SEE PG. 5 FOR CONFIGURATIONS]
RP-BAR-2FT-1L-8XX-3W-C-G2-TAA	1	13	1430	CONFIGURATION A
RP-BAR-2FT-2L-8XX-3W-C-G2-TAA	2	25	2750	CONFIGURATION A
RP-BAR-2FT-3L-8XX-3W-C-G2-TAA	3	38	4180	CONFIGURATION A
RP-BAR-3FT-1L-8XX-3W-C-G2-TAA	1	13	1430	CONFIGURATION A
RP-BAR-3FT-2L-8XX-3W-C-G2-TAA	2	25	2750	CONFIGURATION A
RP-BAR-3FT-3L-8XX-3W-C-G2-TAA	3	38	4180	CONFIGURATION A
RP-BAR-4FT-1L-8XX-3W-C-G2-TAA	1	19	2090	CONFIGURATION A
RP-BAR-4FT-2L-8XX-3W-C-G2-TAA	2	37	4070	CONFIGURATION A
RP-BAR-4FT-3L-8XX-3W-C-G2-TAA	3	48	5280	CONFIGURATION B
RP-BARHO-2FT-1L-8XX-3W-C-G2-TAA	1	15	1650	CONFIGURATION A
RP-BARHO-2FT-2L-8XX-3W-C-G2-TAA	2	29	3190	CONFIGURATION A
RP-BARHO-2FT-3L-8XX-3W-C-G2-TAA	3	44	4840	CONFIGURATION B
RP-BARHO-3FT-1L-8XX-3W-C-G2-TAA	1	15	1650	CONFIGURATION A
RP-BARHO-3FT-2L-8XX-3W-C-G2-TAA	2	29	3190	CONFIGURATION A
RP-BARHO-3FT-3L-8XX-3W-C-G2-TAA	3	44	4840	CONFIGURATION B
RP-BARHO-4FT-1L-8XX-3W-C-G2-TAA	1	29	3190	CONFIGURATION A
RP-BARHO-4FT-2L-8XX-3W-C-G2-TAA	2	48	5280	CONFIGURATION B

\*System lumens based on bar design criteria.

E1 DRIVER

3W DRIVER



# TAA COMPLIANT LINEAR BAR RETROFIT KIT

## UPGRADE EXISTING FLUORESCENT LAMPS



COMMON DRIVER/EMG CONFIGURATIONS (SEE PG. 5)

10V-M

PART #	BARS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS*	EMG [SEE PG. 5 FOR CONFIGURATIONS]
RP-BAR-2FT-1L-8XX-10V-M-G2-6W-TAA	1	6	660	CONFIGURATION A
RP-BAR-3FT-1L-8XX-10V-M-G2-6W-TAA	1	6	660	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-6W-TAA	1	6	660	CONFIGURATION A
RP-BAR-2FT-1L-8XX-10V-M-G2-8W-TAA	1	8	880	CONFIGURATION A
RP-BAR-3FT-1L-8XX-10V-M-G2-8W-TAA	1	8	880	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-8W-TAA	1	8	880	CONFIGURATION A
RP-BAR-2FT-1L-8XX-10V-M-G2-10W-TAA	1	10	1100	CONFIGURATION A
RP-BAR-2FT-2L-8XX-10V-M-G2-10W-TAA	2	10	1100	CONFIGURATION A
RP-BAR-3FT-1L-8XX-10V-M-G2-10W-TAA	1	10	1100	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-10W-TAA	1	10	1100	CONFIGURATION A
RP-BAR-2FT-1L-8XX-10V-M-G2-12W-TAA	1	12	1320	CONFIGURATION A
RP-BAR-2FT-2L-8XX-10V-M-G2-12W-TAA	2	12	1320	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-12W-TAA	3	12	1320	CONFIGURATION A
RP-BAR-3FT-1L-8XX-10V-M-G2-12W-TAA	1	12	1320	CONFIGURATION A
RP-BAR-3FT-2L-8XX-10V-M-G2-12W-TAA	2	12	1320	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-12W-TAA	1	12	1320	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-12W-TAA	2	12	1320	CONFIGURATION A
RP-BAR-2FT-2L-8XX-10V-M-G2-15W-TAA	2	15	1650	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-15W-TAA	3	15	1650	CONFIGURATION A
RP-BAR-3FT-1L-8XX-10V-M-G2-15W-TAA	1	15	1650	CONFIGURATION A
RP-BAR-3FT-2L-8XX-10V-M-G2-15W-TAA	2	15	1650	CONFIGURATION A
RP-BAR-3FT-3L-8XX-10V-M-G2-15W-TAA	3	15	1650	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-15W-TAA	1	15	1650	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-15W-TAA	2	15	1650	CONFIGURATION A

\* System lumens based on bar design criteria.

COMMON DRIVER/EMG CONFIGURATIONS (SEE PG. 5)

10V-M

PART #	BARS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS*	EMG [SEE PG. 5 FOR CONFIGURATIONS]
RP-BAR-2FT-2L-8XX-10V-M-G2-18W-TAA	2	18	1980	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-18W-TAA	3	18	1980	CONFIGURATION A
RP-BAR-2FT-4L-8XX-10V-M-G2-18W-TAA	4	18	1980	CONFIGURATION A
RP-BAR-3FT-2L-8XX-10V-M-G2-18W-TAA	2	18	1980	CONFIGURATION A
RP-BAR-3FT-3L-8XX-10V-M-G2-18W-TAA	3	18	1980	CONFIGURATION A
RP-BAR-3FT-4L-8XX-10V-M-G2-18W-TAA	4	18	1980	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-18W-TAA	1	18	1980	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-18W-TAA	2	18	1980	CONFIGURATION A
RP-BAR-4FT-3L-8XX-10V-M-G2-18W-TAA	3	18	1980	CONFIGURATION A
RP-BAR-2FT-2L-8XX-10V-M-G2-20W-TAA	2	20	2200	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-20W-TAA	3	20	2200	CONFIGURATION A
RP-BAR-2FT-4L-8XX-10V-M-G2-20W-TAA	4	20	2200	CONFIGURATION A
RP-BAR-3FT-2L-8XX-10V-M-G2-20W-TAA	2	20	2200	CONFIGURATION A
RP-BAR-3FT-3L-8XX-10V-M-G2-20W-TAA	3	20	2200	CONFIGURATION A
RP-BAR-3FT-4L-8XX-10V-M-G2-20W-TAA	4	20	2200	CONFIGURATION A
RP-BAR-4FT-1L-8XX-10V-M-G2-20W-TAA	1	20	2200	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-20W-TAA	2	20	2200	CONFIGURATION A
RP-BAR-4FT-3L-8XX-10V-M-G2-20W-TAA	3	20	2200	CONFIGURATION A
RP-BAR-2FT-2L-8XX-10V-M-G2-25W-TAA	2	25	2750	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-25W-TAA	3	25	2750	CONFIGURATION A
RP-BAR-2FT-4L-8XX-10V-M-G2-25W-TAA	4	25	2750	CONFIGURATION A
RP-BAR-3FT-2L-8XX-10V-M-G2-25W-TAA	2	25	2750	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-30W-TAA	3	30	3300	CONFIGURATION A
RP-BAR-2FT-4L-8XX-10V-M-G2-30W-TAA	4	30	3300	CONFIGURATION A
RP-BAR-3FT-3L-8XX-10V-M-G2-30W-TAA	3	30	3300	CONFIGURATION A
RP-BAR-3FT-4L-8XX-10V-M-G2-30W-TAA	4	30	3300	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-30W-TAA	2	30	3300	CONFIGURATION A
RP-BAR-4FT-3L-8XX-10V-M-G2-30W-TAA	3	30	3300	CONFIGURATION A
RP-BAR-4FT-4L-8XX-10V-M-G2-30W-TAA	4	30	3300	CONFIGURATION A
RP-BAR-2FT-3L-8XX-10V-M-G2-35W-TAA	3	35	3850	CONFIGURATION A
RP-BAR-2FT-4L-8XX-10V-M-G2-35W-TAA	4	35	3850	CONFIGURATION A
RP-BAR-3FT-3L-8XX-10V-M-G2-35W-TAA	3	35	3850	CONFIGURATION A
RP-BAR-3FT-4L-8XX-10V-M-G2-35W-TAA	4	35	3850	CONFIGURATION A
RP-BAR-4FT-2L-8XX-10V-M-G2-35W-TAA	2	35	3850	CONFIGURATION A
RP-BAR-4FT-3L-8XX-10V-M-G2-35W-TAA	3	35	3850	CONFIGURATION A
RP-BAR-4FT-4L-8XX-10V-M-G2-35W-TAA	4	35	3850	CONFIGURATION A

\* System lumens based on bar design criteria.



COMMON DRIVER/EMG CONFIGURATIONS (SEE PG. 5) - SEE PN BUILDER ABOVE FOR CCT AND DRIVER CASE OPTIONS

PART #	BARS PER DRIVER	SYSTEM WATTAGE	SYSTEM LUMENS*	EMG [SEE PG. 5 FOR CONFIGURATIONS]
RP-BAR-2FT-4L-8XX-10V-M-G2-40W-TAA	4	40	4400	CONFIGURATION B
RP-BAR-3FT-4L-8XX-10V-M-G2-40W-TAA	4	40	4400	CONFIGURATION B
RP-BAR-4FT-2L-8XX-10V-M-G2-40W-TAA	2	40	4400	CONFIGURATION B
RP-BAR-4FT-3L-8XX-10V-M-G2-40W-TAA	3	40	4400	CONFIGURATION B
RP-BAR-4FT-4L-8XX-10V-M-G2-40W-TAA	4	40	4400	CONFIGURATION B
RP-BAR-2FT-4L-8XX-10V-M-G2-45W-TAA	4	45	4950	CONFIGURATION B
RP-BAR-3FT-4L-8XX-10V-M-G2-45W-TAA	4	45	4950	CONFIGURATION B
RP-BAR-4FT-3L-8XX-10V-M-G2-45W-TAA	3	45	4950	CONFIGURATION B
RP-BAR-4FT-4L-8XX-10V-M-G2-45W-TAA	4	45	4950	CONFIGURATION B
RP-BARHO-4FT-2L-8XX-10V-M-G2-45W-TAA	2	45	4950	CONFIGURATION B
RP-BAR-4FT-3L-8XX-10V-M-G2-50W-TAA	3	50	5500	CONFIGURATION B
RP-BAR-4FT-4L-8XX-10V-M-G2-50W-TAA	4	50	5500	CONFIGURATION B
RP-BARHO-4FT-2L-8XX-10V-M-G2-50W-TAA	2	50	5500	CONFIGURATION B
RP-BAR-4FT-3L-8XX-10V-M-G2-60W-TAA	3	60	6600	CONFIGURATION B
RP-BAR-4FT-4L-8XX-10V-M-G2-60W-TAA	4	60	6600	CONFIGURATION B
RP-BAR-4FT-3L-8XX-10V-M-G2-70W-TAA	3	70	7700	CONFIGURATION C
RP-BAR-4FT-4L-8XX-10V-M-G2-70W-TAA	4	70	7700	CONFIGURATION C
RP-BAR-4FT-4L-8XX-10V-M-G2-80W-TAA	4	80	8800	CONFIGURATION C
RP-BARHO-4FT-3L-8XX-10V-M-G2-80W-TAA	3	80	8800	CONFIGURATION C

\* System lumens based on bar design criteria.

10V-M

### MOST COMMON FIXTURE TYPES



CEILING/TROFFER







RECESSED/SLOT HIGH BAY



FOR MORE INFORMATION VISIT [C-FLEXRETROFITS.COM](http://C-FLEXRETROFITS.COM)

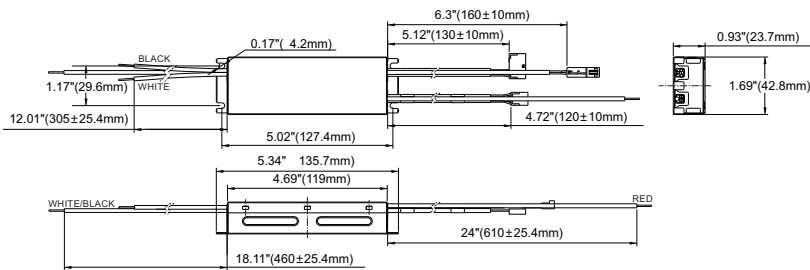


### EMG CONFIGURATIONS - EMG IS NOT TAA COMPLIANT

4W ALL IN ONE EMG [CONFIGURATION A]	4W ALL IN ONE EMG W/ SEPARATE LIGHT ENGINE [CONFIGURATION B]	8W EMG DRIVER, SEPARATE BATTERY & LIGHT ENGINE [CONFIGURATION C]
<p>EXISTING BARS WILL ILLUMINATE IN EMG MODE Approximately 500 lumens for 90 minutes. Contact us for more options</p> <p><b>DRIVER</b></p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) SEE BELOW FOR WIRING DIGRAM</p>	<p>SEPARATE LIGHT ENGINE WILL ILLUMINATE IN EMG MODE Approximately 500 lumens for 90 minutes. Contact us for more options</p> <p><b>DRIVER</b></p>  <p><b>LIGHT ENGINE</b></p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) LIGHT ENGINE DIMENSIONS: 4.7 x .83" x .04" SEE BELOW FOR WIRING DIGRAM</p>	<p>SEPARATE LIGHT ENGINE WILL ILLUMINATE IN EMG MODE Approximately 1000 lumens for 90 minutes. Contact us for more options</p> <p><b>DRIVER + LIGHT ENGINE</b></p>  <p>EMG DIMENSIONS: 5.34" x 1.69" x 1.01" (SEE LINE DRAWING BELOW) LIGHT ENGINE DIMENSIONS: 4.7 x .83" x .04" BATTERY DIMENSIONS: 3.48" x 2.76" x .99" (SEE LINE DRAWING BELOW)</p>

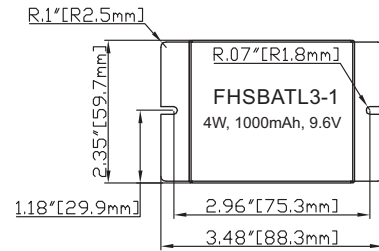
### EMG LINE DRAWING

USED FOR ALL EMG KITS



### EXTERNAL BATTERY

USED FOR CONFIGURATION C

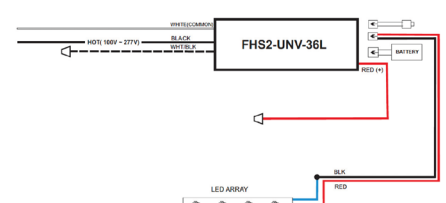
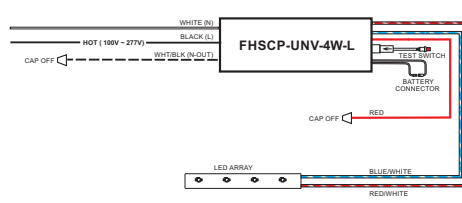
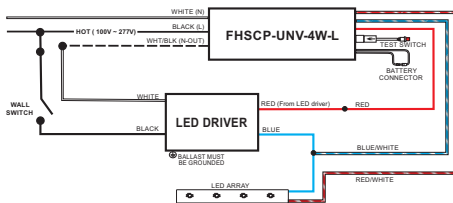


### WIRING DIAGRAMS

FOR CONFIGURATION A

FOR CONFIGURATION B

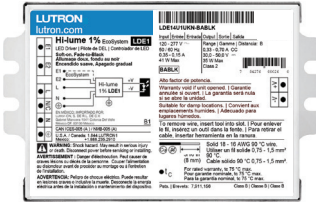
FOR CONFIGURATION C



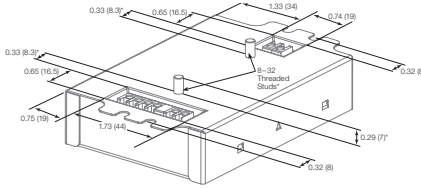


## DRIVER DIMENSIONS

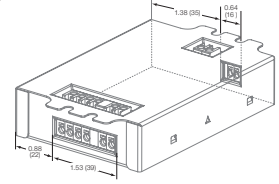
### LUTRON



CASE TYPE K



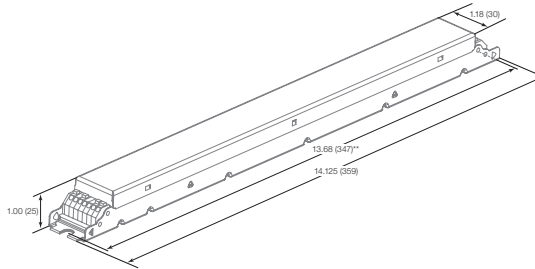
K CASE CONNECTOR LOCATIONS  
(WITH STUDS)



KN CASE SIDE ENTRY CONNECTOR LOCATIONS  
(WITHOUT STUDS)



CASE TYPE M



### 10V

M CASE

