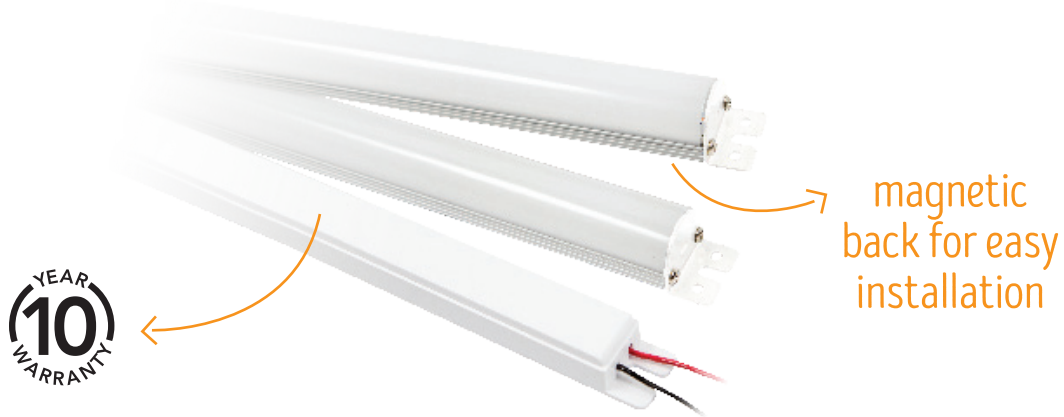


# the ultimate LED retrofit kit

RemPhos' LEDBARKIT universal retrofit kit for linear fluorescent luminaires is the perfect retrofit solution. Delivers better long-term reliability, longer life (10yr warranty), controllability (standard 0-10V dimmable driver) and faster paybacks (since Utility incentives are typically higher), when compared to LED tubes. Designed to easily fit into existing T5/T8/T12 linear fluorescent fixtures. Fast, "one-man" installation.



## SIMPLE INSTALLATION

Retrofits existing fluorescent fixtures quickly with unique magnetic design and quick connector technology. Designed from an installer's point of view, convert existing fixtures fast with magnets on the back of the light bars that allow hands-free placement (self-tapping screws are provided for secure install). Electrical quick connects for simple, error-free power connections. For videos showing the simple installation go to [www.remphos.com/videos](http://www.remphos.com/videos)

## FITS BETWEEN THE SOCKETS

No need to remove existing T5/T8/T12 sockets. The LEDBAR is sized to fit in between the existing sockets, further reducing install time.

## PERFORMANCE-OPTIMIZED TECHNOLOGY

Provides high-efficacy light up to 130 lumens per watt along with a remarkable 10-year system warranty.

## MAXIMUM VERSATILITY

Offered in 2ft, 3ft and 4ft lengths along with multiple lamp/driver combinations (1L,2L,3L,4L) providing a fit for any application.

## MANY LIGHT OUTPUT CHOICES

Systems available in 10W (1300LM) all the way to 80W (10,400LM). See ordering guide for available systems.

## STANDARD 10V DIMMABLE DRIVER

## CODE-COMPLIANT APPLICABILITY

Meets typical foot candle requirements for office and commercial space.

## HIGH QUALITY CONSTRUCTION & MATERIALS

Top tier LED diodes. Heatsink made from extruded 6063 T5 aluminum with substantial surface area for maximum cooling.

## SUITABLE FOR DRY & DAMP LOCATIONS

## UL 1598C CLASSIFIED RETROFIT KIT LISTED & DLC QPL LISTED

## 10 YEAR WARRANTY, L70 >100,000HRS



## OPTIONAL "BAA" BUY AMERICA ACT

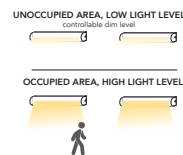


Compliant models available, assembled in our state-of-the-art Middleton, MA assembly center. (BAA SECTION 1605 COMPLIANT)

## CUSTOM BRACKET DESIGNS AVAILABLE

Contact our engineering team to help design a low-cost bracket for easy mounting in direct/indirect fixture. Helps to provide up and down light with 1, 2, 3, 4 or more LED bars.

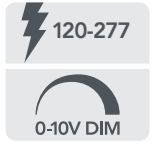
## OPTIONAL HIGH/LOW MOTION SENSOR



Contact our engineering team to help choose the best low-cost integrated motion sensor which will easily install into the existing fixture, behind the lens. Our motion sensor technology can read through glass and plastic lenses. Also compatible with ZigBee wireless networks.

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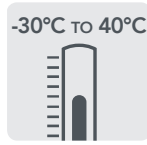
# LED BARKITJ RETROFIT FOR LINEAR FLUORESCENT LUMINAIRES



VOLTAGE/DIMMING



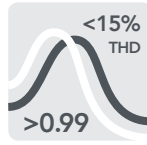
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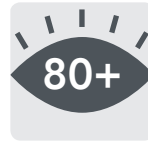
OPERATING TEMP



LENS



PWR FACTOR/THD



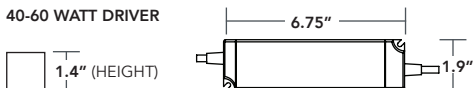
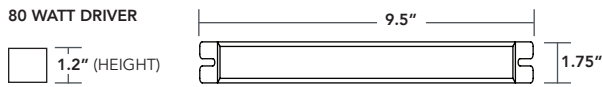
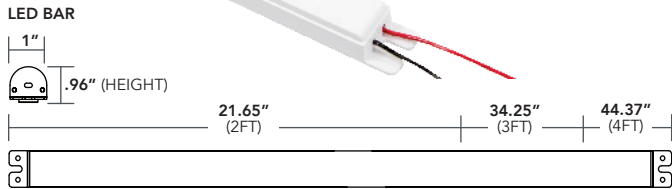
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BEAM ANGLE



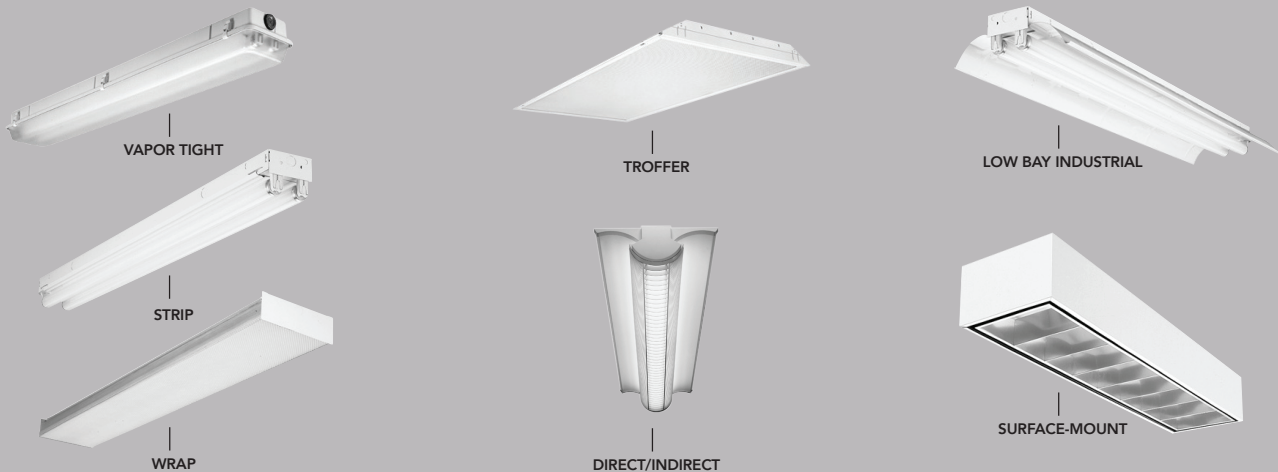
RATED LIFE



SIMPLE INSTALLATION  
 FITS BETWEEN THE SOCKETS  
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## EASILY RETROFIT THESE FIXTURE STYLES, AND MORE!



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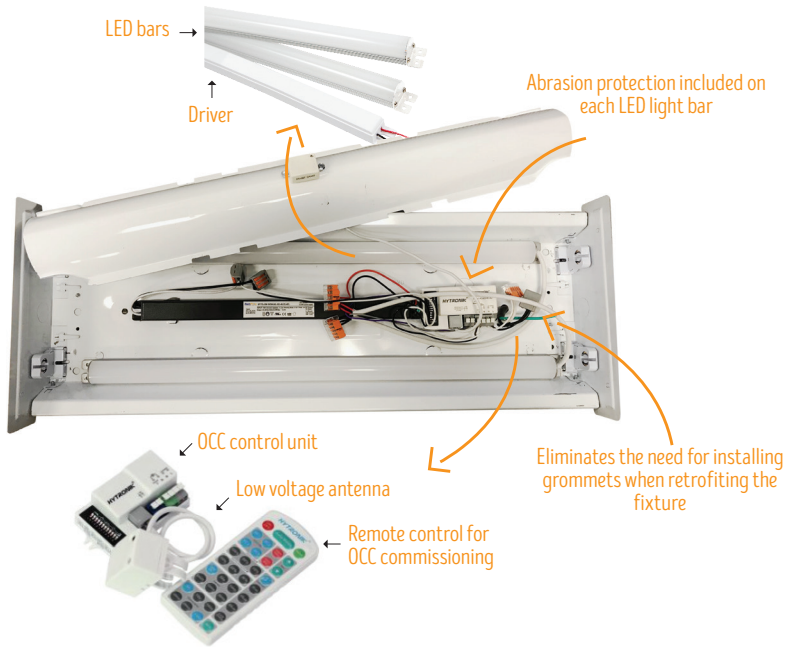
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# LED BARKITJ RETROFIT FOR LINEAR FLUORESCENT LUMINAIRES



## HOW TO EASILY ADD OCCUPANCY SENSING AND DAYLIGHT CONTROL TO YOUR FIXTURE

Choose one of the control options below which best fits your needs. Any of these options can be easily installed under the existing glass or plastic fixture lens. These controls will allow the LED Barkit to adjust its light level depending on occupancy or daylight levels, achieving greater energy savings.



PART #	DETAILS
 <b>HC419V</b>	Integrated antenna. Can be mounted behind glass or plastic lens. Adjusts for occupancy and daylight. DIP switch to adjust settings.
 <b>HC403VRC-KD SAM5</b>	Remote mounted antenna can be screwed to outside of ballast cover. Can be mounted behind glass or plastic lens. Adjusts for occupancy and daylight. Optional remote control to adjust settings.
 <b>LG SENSOR CONNECT</b>	LG's intelligent wireless lighting control system. ZigBee technology. Allows for occupancy sensing, daylight harvesting, grouping, scheduling, high-end trim and more. Adjust settings via Android app.

More details and videos are available at [www.remphos.com/controls](http://www.remphos.com/controls).

## ORDERING DIRECTIONS (SEE ORDERING GUIDE ON NEXT PAGE)

- Choose your desired total system wattage and lumen output.
- Choose your desired LEDBAR length (2, 3 or 4FT) and QTY of LEDBAR(s) per driver from column C.
- Order system part # (a system will include 1pc LED driver + LEDBAR(s). Substitute "XX" in the 8XX for your desired CCT. 35 (3500K), 40 (4000K) and 50 (5000K) are standard color temps. 27 (2700K), 30 (3000K), 65 (6500K) are custom colors and are special order.
- The wattage of each LEDBAR in the system.
- The lumen output of each LEDBAR in the system.
- DLC QLP listed system Part #.
- DLC QPL Product Code.

*If the system you want is not currently a DLC listed part #, please contact us for a letter to send to your Utility for custom incentive approval.*

### CAUTION! MAX WATTAGES PER LEDBAR

2FT: 12W 3FT: 12W 4FT: 22W

 If you require BAA SECTION 1605 COMPLIANT add -BAA at end of part number.

### STANDARD COLOR TEMPS AVAILABLE

3500K, 4000K, 5000K

### SPECIAL ORDER COLOR TEMPS AVAILABLE

2700K, 3000K, 6500K, RED, GREEN, BLUE, AMBER

### ORDERING EXAMPLE

A 20W/2600LM system is desired utilizing 2pcs of 2FT LEDBAR in 4000K running off 1pc of driver. For this system you would order:  
 SYSTEM: **RPT-P-LEDBARKITJ-20W-2FT-2L-840-A** (All kits include driver)  
 TOTAL SYSTEM WATTAGE: **20W**  
 TOTAL SYSTEM LUMEN OUTPUT: **2600LM**  
 LENGTH OF LED BAR: **2FT** (actual 21.65in)  
 # OF LED BARS: **2pcs**  
 WATTAGE PER LED BAR: **10W**  
 LUMENS PER LED BAR: **1300LM**  
 DLC LISTED KIT PART #: **RPT-LEDBARKIT-24IN-840-2L**  
 DLC QPL PRODUCT CODE: **PG2CRZ1T**



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# LED BARKITJ RETROFIT FOR LINEAR FLUORESCENT LUMINAIRES



## ORDERING GUIDE

A	B	C	D	E	F	G	H	
TOTAL SYSTEM WATTAGE/ LUMEN OUTPUT	LED BAR LENGTH	# OF BARS PER DRIVER	SYSTEM (KIT) PART # TO ORDER	WATTAGE PER LED BAR	LUMENS PER LED BAR	PART #/KIT ON DLC QPL	DLC QPL PRODUCT CODE	
10W/1300LM	2FT	1	RPT-P-LEDBARKITJ-10W-2FT-1L-8XX	10.0	1300	*		
		2	RPT-P-LEDBARKITJ-10W-2FT-2L-8XX	5.0	650	*		
		3	RPT-P-LEDBARKITJ-10W-2FT-3L-8XX	3.3	433	*		
		4	RPT-P-LEDBARKITJ-10W-2FT-4L-8XX	2.5	325	*		
	3FT	1	RPT-P-LEDBARKITJ-10W-3FT-1L-8XX	10.0	1300	*		
		2	RPT-P-LEDBARKITJ-10W-3FT-2L-8XX	5.0	650	*		
		3	RPT-P-LEDBARKITJ-10W-3FT-3L-8XX	3.3	433	*		
		4	RPT-P-LEDBARKITJ-10W-3FT-4L-8XX	2.5	325	*		
	4FT	1	RPT-P-LEDBARKITJ-10W-4FT-1L-8XX	10.0	1300	*		
		2	RPT-P-LEDBARKITJ-10W-4FT-2L-8XX	5.0	650	*		
		3	RPT-P-LEDBARKITJ-10W-4FT-3L-8XX	3.3	433	*		
		4	RPT-P-LEDBARKITJ-10W-4FT-4L-8XX	2.5	325	*		
15W/1950LM	2FT	2	RPT-P-LEDBARKITJ-15W-2FT-2L-8XX	7.5	975	*		
		3	RPT-P-LEDBARKITJ-15W-2FT-3L-8XX	5.0	650	*		
		4	RPT-P-LEDBARKITJ-15W-2FT-4L-8XX	3.8	488	*		
		2	RPT-P-LEDBARKITJ-15W-3FT-2L-8XX	7.5	975	*		
	3FT	3	RPT-P-LEDBARKITJ-15W-3FT-3L-8XX	5.0	650	*		
		4	RPT-P-LEDBARKITJ-15W-3FT-4L-8XX	3.8	488	*		
		1	RPT-P-LEDBARKITJ-15W-4FT-1L-8XX	15.0	1950	*		
		2	RPT-P-LEDBARKITJ-15W-4FT-2L-8XX	7.5	975	*		
	4FT	3	RPT-P-LEDBARKITJ-15W-4FT-3L-8XX	5.0	650	*		
		4	RPT-P-LEDBARKITJ-15W-4FT-4L-8XX	3.8	488	*		
		2	RPT-P-LEDBARKITJ-20W-2FT-2L-8XX	10.0	1300	RPT-LEDBARKITJ-24IN-2L	PG2CRZ1T	
		3	RPT-P-LEDBARKITJ-20W-2FT-3L-8XX	6.7	867	*		
20W/2600LM	2FT	4	RPT-P-LEDBARKITJ-20W-2FT-4L-8XX	5.0	650	*		
		2	RPT-P-LEDBARKITJ-20W-3FT-2L-8XX	10.0	1300	*		
		3	RPT-P-LEDBARKITJ-20W-3FT-3L-8XX	6.7	867	*		
		4	RPT-P-LEDBARKITJ-20W-3FT-4L-8XX	5.0	650	*		
	3FT	1	RPT-P-LEDBARKITJ-20W-4FT-1L-8XX	20.0	2600	*		
		2	RPT-P-LEDBARKITJ-20W-4FT-2L-8XX	10.0	1300	RPT-LEDBARKITJ-48INLO-2L	PC7HUERF	
		3	RPT-P-LEDBARKITJ-20W-4FT-3L-8XX	6.7	867	*		
		4	RPT-P-LEDBARKITJ-20W-4FT-4L-8XX	5.0	650	*		
	30W/3900LM	2FT	3	RPT-P-LEDBARKITJ-30W-2FT-3L-8XX	10.0	1300	RPT-LEDBARKITJ-24IN-3L	PMSE9BQH
			4	RPT-P-LEDBARKITJ-30W-2FT-4L-8XX	7.5	975	*	
			3	RPT-P-LEDBARKITJ-30W-3FT-3L-8XX	10.0	1300	*	
			4	RPT-P-LEDBARKITJ-30W-3FT-4L-8XX	7.5	975	*	
3FT		2	RPT-P-LEDBARKITJ-30W-4FT-2L-8XX	15.0	1950	*		
		3	RPT-P-LEDBARKITJ-30W-4FT-3L-8XX	10.0	1300	RPT-LEDBARKITJ-48INLO-3L	PRCTD1FW	
		4	RPT-P-LEDBARKITJ-30W-4FT-4L-8XX	7.5	975	*		
		3	RPT-P-LEDBARKITJ-36W-2FT-3L-8XX	12.0	1560	*		
36W/4680LM		2FT	4	RPT-P-LEDBARKITJ-36W-2FT-4L-8XX	9.0	1170	*	
			3	RPT-P-LEDBARKITJ-36W-3FT-3L-8XX	12.0	1560	*	
			4	RPT-P-LEDBARKITJ-36W-3FT-4L-8XX	9.0	1170	*	
			2	RPT-P-LEDBARKITJ-36W-4FT-2L-8XX	18.0	2340	*	
	3FT	3	RPT-P-LEDBARKITJ-36W-4FT-3L-8XX	12.0	1560	*		
		4	RPT-P-LEDBARKITJ-36W-4FT-4L-8XX	9.0	1170	*		
		4	RPT-P-LEDBARKITJ-40W-2FT-4L-8XX	10.0	1300	RPT-LEDBARKITJ-24IN-4L	PFYTMR94	
		4	RPT-P-LEDBARKITJ-40W-3FT-4L-8XX	10.0	1300	*		
	4FT	2	RPT-P-LEDBARKITJ-40W-4FT-2L-8XX	20.0	2600	RPT-LEDBARKITJ-48IN-2L	PZA69V99	
		3	RPT-P-LEDBARKITJ-40W-4FT-3L-8XX	13.3	1733	*		
		4	RPT-P-LEDBARKITJ-40W-4FT-4L-8XX	10.0	1300	*		
		3	RPT-P-LEDBARKITJ-60W-4FT-3L-8XX	20.0	2600	RPT-LEDBARKITJ-48IN-3L	PWPGV4S3	
60W/7800LM	4FT	4	RPT-P-LEDBARKITJ-60W-4FT-4L-8XX	15.0	1950	*		
		4	RPT-P-LEDBARKITJ-80W-4FT-4L-8XX	20.0	2600	RPT-LEDBARKITJ-48IN-4L	PQF48XGA	
80W/10400LM	4FT	4	RPT-P-LEDBARKITJ-80W-4FT-4L-8XX	20.0	2600			

\* Pending DLC approval

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