LED BARKITJ RETROFIT FOR LINEAR FLUORESCENT LUMINAIRES

PRO
BASE

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.

magnetic back for easy installation

10 YEAR WARRANTY

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 for secure install). Electrical quick connects for simple, error-free power connections. For videos showing the simple installation go to 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

UNOCCUPIED AREA, LOW LIGHT LEVEL
controllable dim level

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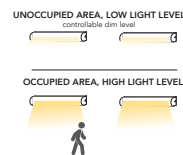
Contact our engineering team to help choose the best low-cost integrated motion sensor which will easily install into the existing fixture, behind the lens. Our motion sensor technology can read through glass and plastic lenses. Also compatible with ZigBee wireless networks.

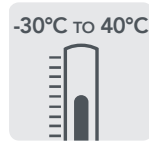**RemPhos** by **Light Efficient Design**
lighting on target

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○ PRO
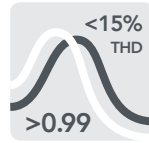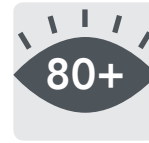○ BASE
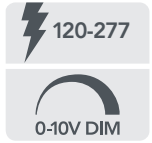
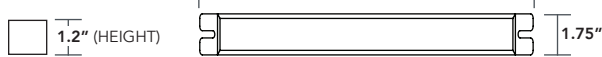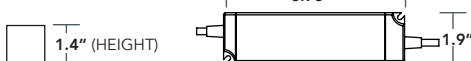| 120-277 / 0-10V DIM	130 LPW	-30°C TO 40°C	PC SUPER RIGID	<15% THD / >0.99	80+	120°	L70 >100,000
VOLTAGE/DIMMING	EFFICACY	OPERATING TEMP	LENS	PWR FACTOR/THD	CRI	BEAM ANGLE	RATED LIFE
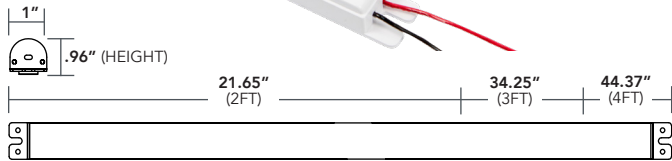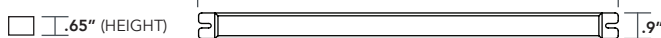
SIMPLE INSTALLATION

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OPTIONAL "BAA" BUY AMERICA ACT

CUSTOM BRACKET DESIGNS AVAILABLE

OPTIONAL HIGH/LOW MOTION SENSOR

LED BAR

1"
.96" (HEIGHT)

21.65" (2FT)   34.25" (3FT)   44.37" (4FT)

80 WATT DRIVER

9.5"
1.2" (HEIGHT)   1.75"

40-60 WATT DRIVER

6.75"
1.4" (HEIGHT)   1.9"

10-30 WATT DRIVER

13"
.65" (HEIGHT)   .9"

cULus LISTED 1598C SUITABLE FOR DAMP LOCATIONS • DLC LISTED • 10 YEAR WARRANTY • LED lighting facts • RoHS Compliant • FC

EASILY RETROFIT THESE FIXTURE STYLES, AND MORE!

VAPOR TIGHT

TROFFER

LOW BAY INDUSTRIAL

STRIP
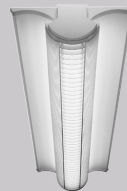
DIRECT/INDIRECT

WRAP
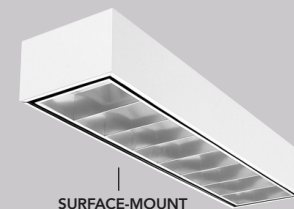
SURFACE-MOUNT

RemPhos by **Light Efficient Design**
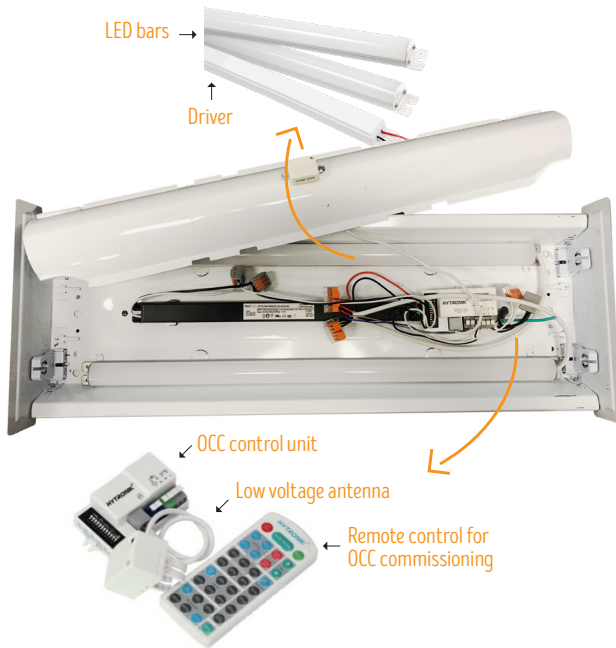lighting on target

05.03.18 Information is subject to change without notice.

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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 it's light level depending on occupancy or daylight levels, acheiving greater energy savings.

LED bars →
Driver
OCC control unit
Low voltage antenna
Remote control for OCC commissioning

	PART #	DETAILS
	HC419V	Integrated antenna. Can be mounted behind glass or plastic lens. Adjusts for occupancy and daylight. DIP switch to adjust settings.
	HC403VRC-KD SAM5	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.
	LG SENSOR CONNECT	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.

ORDERING DIRECTIONS (SEE ORDERING GUIDE ON NEXT PAGE)

A) Choose your desired total system wattage and lumen output.

B) Choose your desired LEDBAR length (2, 3 or 4FT) and QTY of LEDBAR(s) per driver from column C.

D) 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.

E) The wattage of each LEDBAR in the system.

F) The lumen output of each LEDBAR in the system.

G) DLC QLP listed system Part #.

H) 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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ORDERING GUIDE

A TOTAL SYSTEM WATTAGE/ LUMEN OUTPUT	B LED BAR LENGTH	C # OF BARS PER DRIVER	D SYSTEM (KIT) PART # TO ORDER	E WATTAGE PER LED BAR	F LUMENS PER LED BAR	G PART #/KIT ON DLC QPL	H 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	*	
	3FT	2	RPT-P-LEDBARKITJ-15W-3FT-2L-8XX	7.5	975	*	
		3	RPT-P-LEDBARKITJ-15W-3FT-3L-8XX	5.0	650	*	
		4	RPT-P-LEDBARKITJ-15W-3FT-4L-8XX	3.8	488	*	
	4FT	1	RPT-P-LEDBARKITJ-15W-4FT-1L-8XX	15.0	1950	*	
		2	RPT-P-LEDBARKITJ-15W-4FT-2L-8XX	7.5	975	*	
		3	RPT-P-LEDBARKITJ-15W-4FT-3L-8XX	5.0	650	*	
		4	RPT-P-LEDBARKITJ-15W-4FT-4L-8XX	3.8	488	*	
20W/2600LM	2FT	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	*	
		4	RPT-P-LEDBARKITJ-20W-2FT-4L-8XX	5.0	650	*	
	3FT	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	*	
	4FT	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	*	
	3FT	3	RPT-P-LEDBARKITJ-30W-3FT-3L-8XX	10.0	1300	*	
		4	RPT-P-LEDBARKITJ-30W-3FT-4L-8XX	7.5	975	*	
	4FT	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	*	
36W/4680LM	2FT	3	RPT-P-LEDBARKITJ-36W-2FT-3L-8XX	12.0	1560	*	
		4	RPT-P-LEDBARKITJ-36W-2FT-4L-8XX	9.0	1170	*	
	3FT	3	RPT-P-LEDBARKITJ-36W-3FT-3L-8XX	12.0	1560	*	
		4	RPT-P-LEDBARKITJ-36W-3FT-4L-8XX	9.0	1170	*	
	4FT	2	RPT-P-LEDBARKITJ-36W-4FT-2L-8XX	18.0	2340	*	
		3	RPT-P-LEDBARKITJ-36W-4FT-3L-8XX	12.0	1560	*	
		4	RPT-P-LEDBARKITJ-36W-4FT-4L-8XX	9.0	1170	*	
40W/5200LM	2FT	4	RPT-P-LEDBARKITJ-40W-2FT-4L-8XX	10.0	1300	RPT-LEDBARKITJ-24IN-4L	PFYTMR94
	3FT	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	*	
60W/7800LM	4FT	3	RPT-P-LEDBARKITJ-60W-4FT-3L-8XX	20.0	2600	RPT-LEDBARKITJ-48IN-3L	PWPGV4S3
		4	RPT-P-LEDBARKITJ-60W-4FT-4L-8XX	15.0	1950	*	
80W/10400LM	4FT	4	RPT-P-LEDBARKITJ-80W-4FT-4L-8XX	20.0	2600	RPT-LEDBARKITJ-48IN-4L	PQF48XGA

* Pending DLC approval

RemPhos by Light Efficient Design
lighting on target