

RP-LBE-G2 RETROFIT FOR LINEAR FLUORESCENT LUMINAIRES

RP-LBE-G2-15W-4FT-1L-835-10V



the ultimate LED retrofit kit

RemPhos' LBE (LEDBARKIT External-Drive) 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; Dim-to-Off; 12V Aux Standard) 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-person installation.



SIMPLE INSTALLATION

Convert existing fixtures fast with magnets on the back of the light bars that allow hands-free placement (self-drilling screws are pre-captivated on each magnetic bracket for fast & secure install). Electrical quick connects for simple, error-free power connections.

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.

MAXIMUM VERSATILITY

Standard lengths along with multiple lamp/driver combinations (1L,2L,3L,4L) provides a fit for any application.

MANY LIGHT OUTPUT CHOICES flexWATT

Systems available from 6W (800LM) all the way to 80W (13,000LM). Standard 10V drivers now include FlexWatt that allows you to choose the exact lumen/wattage package needed. See ordering guide for available lumen packages.

STANDARD 10V DIMMABLE DRIVER W/ 12V AUX; DIM TO OFF

SUITABLE FOR DRY & DAMP LOCATIONS

UL 1598C CLASSIFIED RETROFIT KIT LISTED & PERFORMANCE QPL LISTED

10 YEAR WARRANTY, L70 >100,000HRS

CUSTOM BRACKET DESIGNS AVAILABLE

Stream line your retrofit project with custom professional brackets to reduce install time and variation of install

CONTROLS/MOTION SENSORS (OPTIONAL)

Contact our engineering team to help choose the best sensor/control for your application.



LIGHT EFFICIENT DESIGN HEADQUARTERS 188 S. Northwest Highway • Cary, IL 60013
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PAGE 1

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NEW WITH THE LBE-G2

	RemPhos LBE G2	RemPhos LBE G1	Competitor
PERFORMANCE			
Higher output option to match TSHO	✓	X	✓
8W option to replace T8 32W FL	✓	X	X
FlexWatt driver standard	✓	X	X
Dim-to-off driver standard	✓	X	X
2-switch step-dim driver option	✓	X	X
1-switch step-dim driver option	✓	X	✓
Compatibility with low cost 12V DC controls	✓	X	X
Optional FlexColor adjustable CCT light bars	✓	X	X
DLC Premium at 130-150LPW	✓	✓	✓
Low cost emergency battery backup	✓	X	✓
CONSTRUCTION			
Metal case LED driver	✓	X	X (plastic)
Aluminum heatsink for thermal dissipation of LEDs	✓	✓	X (plastic)
Removable, adjustable metal magnetic brackets	✓	X	X (plastic)
Pre-captured self-drilling screws on brackets	✓	X	X
Various "custom-shop" brackets available	✓	X	X
RELIABILITY			
10-year warranty	✓	✓	✓
100,000hr L70 LED lifetime	✓	✓	X (70,000hr)
OTHER			
BAA Assembly option	✓ (Middleton, MA)	✓ (Middleton, MA)	X (TAA)
Local USA factory support for changes to schedule	✓	✓	X

HIGHER OUTPUT TO MATCH TSHO

Previous generation could only be powered up to 20W for the 4ft bar. G2 can be powered at up to 25W for the 4ft bar to match the foot candles of a TSHO FL lamp. All light bars are over 150LPW, with AC wall efficiencies including the driver from 130-145LPW.

SINGLE CCT AVAILABLE

4FT: 25W Max, 3FT: 12W Max, 2FT: 12W Max, 1FT: 8W Max

METAL, LINEAR BALLAST SHAPED LED DRIVERS

Previous G1 were plastic cases. New G2 are rigid metal cases, rugged and easy to mount. Thinner height to fit into even the most compact existing ballast compartments..

REMOVABLE, ADJUSTABLE METAL MAGNETIC MOUNTING BRACKETS

Previous G1 had plastic end caps which accepted self-drilling screws