LEDBARKIT-INTERNAL DRIVER (LBI) THE LINEAR TRANSFORMER

















one light – unlimited possibilities





	PRO	BASE
DIMMABLE	√ 0-10V	
CONTROL POWER	√ 12V	_
FLEX COLOR	✓	_
FLEX WATT	✓	_
WARRANTY	10YR (10)	5YR SYRAN
L70	>100,000 HRS	50,000 HRS

DEFAULT CONFIGURATIONS

PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)	DLC PRODUCT CODE
RP-LBI-G1-2F-6W-27K-WC2	844006024826	2FT PRO WARM CCT INTERNAL DRIVE LIGHT BAR	6 /9/12	696-1524	116-127	2700 /3000/3500	
RP-LBI-G1-2F-6W-40K-WC	844006023867	2FT PRO INTERNAL DRIVE LIGHT BAR	6 /9/12	780-1560	126-137	3500/ 4000 /5000	PFLO5RPC
RP-LBI-G1-3F-10W-27K-WC2	44006024833	3FT PRO WARM CCT INTERNAL DRIVE LIGHT BAR	10 /12/15	1270-1980	127-132	2700 /3000/3500	
RP-LBI-G1-3F-10W-40K-WC	844006023959	3FT PRO INTERNAL DRIVE LIGHT BAR	10 /12/15	1400-2100	137-142	3500/ 4000 /5000	PTTC4A0W
RP-LBI-G1-4F-15W-27K-WC2	844006024840	4FT PRO WARM CCT INTERNAL DRIVE LIGHT BAR	10/ 15 /25	1260-3400	126-136	2700 /3000/3500	
RP-LBI-G1-4F-15W-40K-WC	844006024079	4FT PRO INTERNAL DRIVE LIGHT BAR	10/ 15 /25	1462-3653	136-146	3500/ 4000 /5000	PCW0MQPB
RP-LBI-G1-4F-15W-40K-B	844006024215	4FT BASE INTERNAL DRIVE LIGHT BAR	15	1996	139	4000	PMROEESV

Default settings are above. See pages 7 and 8 for additional styles, lumen packages, color temperatures and options.

ACCESSORIES (SOLD SEPARATELY)



(CHECK OUT OUR WBSITE FOR EVEN MORE OPTIONAL ACCESSIORIES)













LEDBARKIT-INTERNAL DRIVER (LBI) THE LINEAR TRANSFORMER

___o Usage & Applications

One solution. ETL and DLC listed as both a retrofit kit and a fixture.

Retrofit Kit

Using the fast install magnetic brackets, light bars fit between any T5, T8 or T12 socketed fixture including



Example 2x2 and 2x4 retrofitted with 3 light bars.



CONTINUOUS RUNS





COVE LIGHTING

RETROFIT MOUNTING KITS

Mount light bar to a Retrofit Mounting Kit for a faster, cleaner install.
- contact us for details.

Fixture

ETL and DLC listed as a fixture under the following categories

STAIRWELL FIXTURE



LINEAR AMBIENT FIXTURE





HIGH BAY FIXTURE (LOW CEILING HEIGHTS)



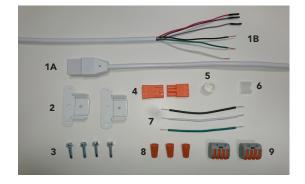
HIGH BAY FIXTURE (HIGH CEILING HEIGHTS)

FIXTURE HOUSING KITS

Mount light bar to a Fixture Housing Kit for a faster, cleaner install.
- contact us for details.

INCLUDED WITH EVERY BAR

- **1A** Incoming power and control cable (bar input side)
- **1B** Incoming power and control cable (pig tail side)
- 2 (2) Surface mount magnetic clips (with easy bend and break lines)
- 3 (4) 1/4" hex head self drilling screws
- 4 Service disconnect
- 5 Abrasion protection grommet
- 6 Flex setting cover
- 7 Wires for connection between service disconnect and latch connector
- 8 (3) Wire nuts for low voltage connections (0-10V DIM; 12V Aux power)
- (2) Latch connectors for parallel wiring (AC power)





LEDBarKit-Internal Driver (LBI) Design Guide

A comprehensive guide to understanding, specifying, stocking, and selling the LEDBarKit-Internal Driver fluorescent replacement.





The Linear Transformer

With up to 146 lumens per watt, and up to 25 years of virtually maintenance free operation, learn why smart decision makers use the The Linear Transformer when upgrading to LED.

Perfect replacement for

- Linear and general purpose
- Strips & Wraps
- Troffers
- Vapor Tights
- Low bay and High bay
- Coves and Soffits
- Stairwells





FEATURES

The Linear Transformer is available in both BASE and PRO versions - choose which is best for you!



9 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY



• Eliminate ordering and stocking multiple wattages and color temperatures. Product offers 9 SKUs in 1 unit which can easily be configured to 3 different wattage packages and 3 different CCTs.



- Product ships at a default color temp (K) and wattage setting (install as is, or tailor the settings to fit your needs).
- Save on labor costs by having us factory pre-set the wattage and color temperature.

FLEXCONTROL™ TECHNOLOGY

- Order control ready or basic control (integrated high/ low and daylight sensor) or advanced controls (such as, Philips Easy Sense, Avi-On Bluetooth or Lutron Vive).
- Optional sensors are directly linkable to the light bars.
- Our basic motion/daylight control (OC2 ordering code) is adjustable via remote control for (1) sensitivity (2) duration of time at high light level before dimming to low (2) duration of time at low light level before turning off (3) ramping up and down light levels based on daylight and (4) the dimmed light level %.

SUITABLE FOR DRY & DAMP LOCATIONS

PASS-THROUGH 0-10V DIMMING & AUXILIARY 12V OUTPUT

• Allows all light bars to be dimmed together as a group.

ADAPTABLE MOUNTING

- Various mounting clip options with integrated rare-earth magnets for easy placement in all style fixtures.
- High Bay pendant chain options available.

CONNECT UP TO 40 LIGHT BARS ON ONE INCOMING POWER CABLE

Up to 146 LUMENS PER WATT EFFICACY 10 YEAR WARRANTY, L70 > 100,000HRS OPTIONAL EMERGENCY BATTERY BACKUP OPTIONAL BAA SECTION 1605



SUITABLE FOR DRY & DAMP LOCATIONS

ADAPTABLE MOUNTING

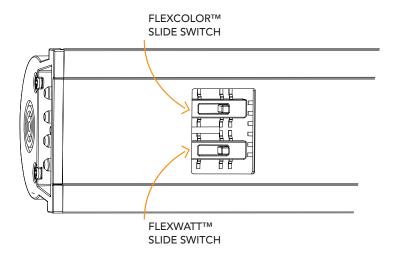
- Various mounting clip options with integrated rare-earth magnets for easy placement in all style fixtures.
- High Bay pendant chain options for high bay installation.

CONNECT UP TO 40 LIGHT BARS ON ONE INCOMING POWER CABLE

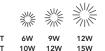
139 LUMENS PER WATT EFFICACY 5 YEAR WARRANTY, L70 >50,000HRS OPTIONAL EMERGENCY BATTERY BACKUP **OPTIONAL BAA SECTION 1605**



FLEXWATT + FLEXCOLOR







10W

HOW IT WORKS

Our exclusive LED driver is designed to operate at 90%+ efficiency at each wattage setting. Our competitor's drivers have much lower efficiency (as low as 60%) which results in poor performance and reduced efficacy.

WATTAGE CHOICES

2FT	6W	9W	12W
3FT	10W	12W	15W
4FT	10W	15W	25W

WATTAGE SELECTION

Adjust the 3-position slide switch, no tools required.







HOW IT WORKS

We select the highest efficacy, multiple color LED diodes from quality suppliers, and mount them on the circuit board. A proprietary LED binning process ensures color consistency between fixtures. The FlexColor technology ensures the desired color is selected, every time.

COLOR CHOICES

FLEXCOLOR SLIDE SWITCH POSITION								
TOP MIDDLE BOTTOM								
27K-WC2	2700K	3000K	3500K					
40K-WC	3500K	4000K	5000K					

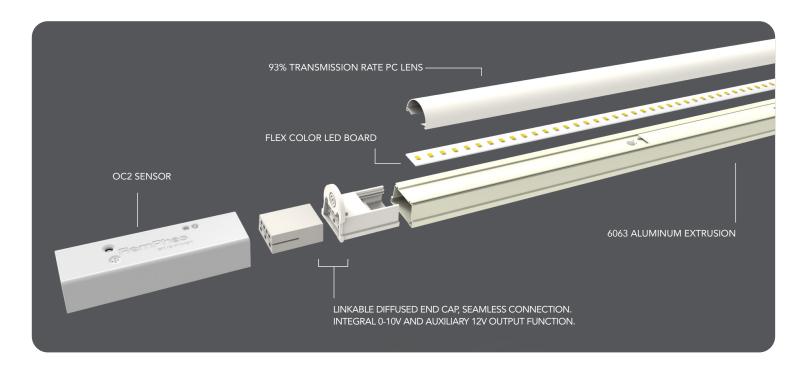
COLOR SELECTION

Adjust the 3-position slide switch by hand.

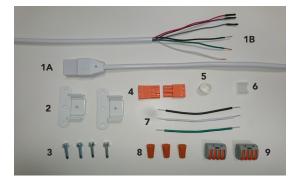


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EXPLODED CONSTRUCTION VIEW



INCLUDED WITH EVERY BAR



- 1A Incoming power and control cable (bar input side)
- 1B Incoming power and control cable (pig tail side)
- (2) Surface mount magnetic clips (with easy bend and break lines)
- 3 (4) 1/4" hex head self drilling screws
- Service disconnect
- 5 Abrasion protection grommet
- 6 Flex setting cover
- Wires for connection between service disconnect and latch connector
- 8 (3) Wire nuts for low voltage connections (0-10V DIM; 12V Aux power)
- (2) Latch connectors for parallel wiring (AC power)

DIMENSIONS

19.3"

RP-LBI-G1-2F-...

• w/2ft incoming power cable.

31.3"

RP-LBI-G1-3F-...

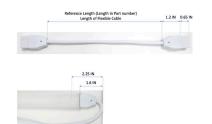
• w/2ft incoming power cable.

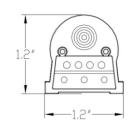
43.3"

RP-LBI-G1-4F-...

• w/3ft incoming power cable.

Cable Dimensions 7.25mm - 0.28 Inch for DIM cable. 6.35mm - .25 inch for NO-DIM cables





RemPhos by Light Efficient Design

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FOR PRODUCT INFO ("RP" MODEL #) CONTACT......RemPhos by Light Efficient Design • 30 Log Bridge Road, Building 200 • Middleton, MA 01949 • 877.997.3674 • remphos.com

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		PART #	*						DLC/QPL (FIXTURE)	DLC/QPL	(RETROFIT)
		RP-LBI-G1-2F-6W-[XX]K-WC2-[BAA]	1	27K/30K/35K	6	700	6	700			
		RP-LBI-G1-2F-6W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	6	700	6	700			
		RP-LBI-G1-2F-6W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	6	770	6	770	PFLO5RPC		
		RP-LBI-G1-2F-6W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	6	770	6	770	PGHKIJ1Q		
		RP-LBI-G1-2F-9W-[XX]K-WC2-[BAA]	1	27K/30K/35K	9	1120	9	1120			
		RP-LBI-G1-2F-9W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	9	1120	9	1120			
	2FT	RP-LBI-G1-2F-9W-[XX]K-WC-[BAA] RP-LBI-G1-2F-9W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K 35K/ 40K /50K	9	1285	9	1285	P56G7BMO		
		RP-LBI-G1-2F-12W-[XX]K-WC2-[BAA]	1	27K/30K/35K	9 12	1285	9 12	1285 1480	PUQX9WLZ		
		RP-LBI-G1-2F-12W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	12	1480 1480	12	1480			
		RP-LBI-G1-2F-12W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	12	1600	12	1600	PSZAPJNF		
		RP-LBI-G1-2F-12W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	12	1600	12	1600	P9BN5JTA		
		RP-LBI-G1-3F-10W-[XX]K-WC2-[BAA]	1	27K/30K/35K	10	1268	10	1268			
		RP-LBI-G1-3F-10W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	10	1268	10	1268			
		RP-LBI-G1-3F-10W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	10	1434	10	1434	PTTC4A0W		
δ		RP-LBI-G1-3F-10W-[XX]K-WC-HV-[BAA]	1	35K/40K/50K	10	1434	10	1434	PHF5Y0NJ		
<u>~</u>		RP-LBI-G1-3F-12W-[XX]K-WC2-[BAA] RP-LBI-G1-3F-12W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K 27K/30K/35K	12	1522	12	1522			
PRO 1X BAR KITS	H	RP-LBI-G1-3F-12W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	12 12	1522	12	1522	0.711.007		
X	3FT	RP-LBI-G1-3F-12W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	12	1761	12 12	1761 1761	PO7IL0R7 PLUPBLEO		
8		RP-LBI-G1-3F-15W-[XX]K-WC2-[BAA]	1	27K/30K/35K	15	1761 1855	15	1855	PLOPBLEO		
		RP-LBI-G1-3F-15W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	15	1855	15	1855			
		RP-LBI-G1-3F-15W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	15	2000	15	2000	PFD0B6O2		
		RP-LBI-G1-3F-15W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	15	2000	15	2000	PDWN1BQN		
		RP-LBI-G1-4F-10W-[XX]K-WC2-[BAA]	1	27K/30K/35K	10	1265	10	1265			
		RP-LBI-G1-4F-10W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	10	1265	10	1265			
		RP-LBI-G1-4F-10W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	10	1462	10	1462	P950LG3J		
		RP-LBI-G1-4F-10W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	10	1462	10	1462	PWCY774Y		
		RP-LBI-G1-4F-15W-[XX]K-WC2-[BAA]	1	27K/30K/35K	15	1895	15	1895			
	-	RP-LBI-G1-4F-15W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K 35K/40K/50K	15	1895	15	1895			
	4FT	RP-LBI-G1-4F-15W-[XX]K-WC-[BAA] RP-LBI-G1-4F-15W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	15 15	2130	15 15	2130	PCW0MQPB		
		RP-LBI-G1-4F-25W-[XX]K-WC2-[BAA]	1	27K/30K/35K	25	2130 3160	25	2130 3160	POO3BOVX		
		RP-LBI-G1-4F-25W-[XX]K-WC2-HV-[BAA]	1	27K/30K/35K	25	3160	25	3160			
		RP-LBI-G1-4F-25W-[XX]K-WC-[BAA]	1	35K/ 40K /50K	25	3650	25	3650	PRNWHBGQ		
		RP-LBI-G1-4F-25W-[XX]K-WC-HV-[BAA]	1	35K/ 40K /50K	25	3650	25	3650	PFSN7WFD		
		RP-LBI-G1-2F-6W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	6	700	12	1400			
		RP-LBI-G1-2F-6W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	6	700	12	1400			
		RP-LBI-G1-2F-6W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	6	770	12	1540			PWK6HRMR
		RP-LBI-G1-2F-6W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	6	770	12	1540			
		RP-LBI-G1-2F-9W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	9	1120	18	2240			
	н	RP-LBI-G1-2F-9W-{XX]K-WC2-HV-{BAA}-2X RP-LBI-G1-2F-9W-{XX]K-WC-{BAA}-2X	2	27K/30K/35K 35K/40K/50K	9	1120	18	2240			P548I2GR
	2FT	RP-LBI-G1-2F-9W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	9	1285	18	2570			1 34012OK
		RP-LBI-G1-2F-12W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	12	1285 1480	18 24	2570 2960			
		RP-LBI-G1-2F-12W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	12	1480	24	2960			
		RP-LBI-G1-2F-12W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	12	1600	24	3200			PZTJD3B3
		RP-LBI-G1-2F-12W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	12	1600	24	3200			
		RP-LBI-G1-3F-10W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	10	1268	20	2536			
		RP-LBI-G1-3F-10W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	10	1268	20	2536			
		RP-LBI-G1-3F-10W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	10	1434	20	2868			
KITS		RP-LBI-G1-3F-10W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	10	1434	20	2868			
~		RP-LBI-G1-3F-12W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	12	1522	24	3044			
PRO 2X BA	b.	RP-LBI-G1-3F-12W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K 35K/40K/50K	12	1522	24	3044			
0 2)	뚪	RP-LBI-G1-3F-12W-[XX]K-WC-[BAA]-2X RP-LBI-G1-3F-12W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	12 12	1761	24 24	3522			
ě.		RP-LBI-G1-3F-15W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	15	1761 1855	30	3522 3710			
		RP-LBI-G1-3F-15W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	15	1855	30	3710			
		RP-LBI-G1-3F-15W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	15	2000	30	4000			
		RP-LBI-G1-3F-15W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	15	2000	30	4000			
		RP-LBI-G1-4F-10W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	10	1265	20	2530			
		RP-LBI-G1-4F-10W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	10	1265	20	2530			
		RP-LBI-G1-4F-10W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	10	1462	20	2924		PW55YB2M	PET0VYMS
		RP-LBI-G1-4F-10W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	10	1462	20	2924			
		RP-LBI-G1-4F-15W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	15	1895	30	3790			
	E	RP-LBI-G1-4F-15W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K 35K/40K/50K	15	1895	30	3790		DOOLAGNOS	P3N42A27
	4F	RP-LBI-G1-4F-15W-[XX]K-WC-[BAA]-2X RP-LBI-G1-4F-15W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K 35K/ 40K /50K	15	2130	30	4260		P08WGV0G	1 3N42A2/
		RP-LBI-G1-4F-15W-[XX]K-WC-HV-[BAA]-2X RP-LBI-G1-4F-25W-[XX]K-WC2-[BAA]-2X	2	27K/30K/35K	15 25	2130	30 50	4260 6320			
		RP-LBI-G1-4F-25W-[XX]K-WC2-HV-[BAA]-2X	2	27K/30K/35K	25	3160 3160	50	6320			
		RP-LBI-G1-4F-25W-[XX]K-WC-[BAA]-2X	2	35K/ 40K /50K	25	3650	50	7300		P5FLB42B	
		RP-LBI-G1-4F-25W-[XX]K-WC-HV-[BAA]-2X	2	35K/ 40K /50K	25	3650	50	7300			

All models on the DLC QPL are premium listed.

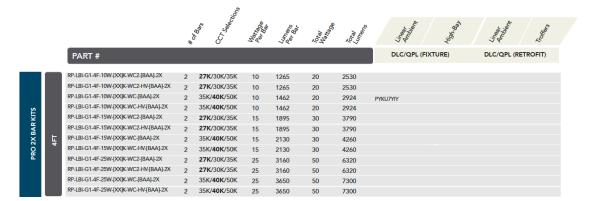


FOR PRODUCT INFO ("LED" MODEL #) CONTACT.....Light Efficient Design • 188 S. Northwest Highway • Cary, IL 60013 • 847.380.3540 • led-llc.com FOR PRODUCT INFO ("RP" MODEL #) CONTACT.......RemPhos by Light Efficient Design • 30 Log Bridge Road, Building 200 • Middleton, MA 01949 • 877.997.3674 • remphos.com

PRODUCT SELECTION GUIDE (CONTINUED)

Default lumen package (wattage and CCT) are shown below in bold. There are two ways to achieve a non-default lumen package and/or CCT:

1. You can easily adjust in field via our FlexWatt and FlexColor internal switches. 2. Have us adjust the FlexWatt and FlexColor at the factory for an additional charge.





		RP-LBI-G1-2F-6W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	6	700	18	2100	
		RP-LBI-G1-2F-6W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	6	700	18	2100	
		RP-LBI-G1-2F-6W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	6	770	18	2310	
		RP-LBI-G1-2F-6W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	6	770	18	2310	
		RP-LBI-G1-2F-9W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	9	1120	27	3360	
		RP-LBI-G1-2F-9W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	9	1120	27	3360	
	2FT	RP-LBI-G1-2F-9W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	9	1285	27	3855	
	8	RP-LBI-G1-2F-9W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	9	1285	27	3855	
		RP-LBI-G1-2F-12W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	12	1480	36	4440	
		RP-LBI-G1-2F-12W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	12	1480	36	4440	
		RP-LBI-G1-2F-12W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	12	1600	36	4800	
		RP-LBI-G1-2F-12W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	12	1600	36	4800	
		RP-LBI-G1-3F-10W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	10	1268	30	3804	
		RP-LBI-G1-3F-10W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	10	1268	30	3804	
		RP-LBI-G1-3F-10W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	10	1434	30	4302	
		RP-LBI-G1-3F-10W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	10	1434	30	4302	
Ĕ		RP-LBI-G1-3F-12W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	12	1522	36	4566	
AR A		RP-LBI-G1-3F-12W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	12	1522	36	4566	
PRO 3X BAR KITS	357	RP-LBI-G1-3F-12W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	12	1761	36	5283	
03	(1)	RP-LBI-G1-3F-12W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	12	1761	36	5283	
Œ.		RP-LBI-G1-3F-15W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	15	1855	45	5565	
		RP-LBI-G1-3F-15W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	15	1855	45	5565	
		RP-LBI-G1-3F-15W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	15	2000	45	6000	
		RP-LBI-G1-3F-15W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	15	2000	45	6000	
		RP-LBI-G1-4F-10W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	10	1265	30	3795	
		RP-LBI-G1-4F-10W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	10	1265	30	3795	
		RP-LBI-G1-4F-10W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	10	1462	30	4386	PK6W04ZH
		RP-LBI-G1-4F-10W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	10	1462	30	4386	
		RP-LBI-G1-4F-15W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	15	1895	45	5685	
		RP-LBI-G1-4F-15W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	15	1895	45	5685	
	Ē	RP-LBI-G1-4F-15W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	15	2130	45	6390	PMR4JX86
	1	RP-LBI-G1-4F-15W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	15	2130	45	6390	
		RP-LBI-G1-4F-25W-[XX]K-WC2-[BAA]-3X	3	27K/30K/35K	25	3160	75	9480	
		RP-LBI-G1-4F-25W-[XX]K-WC2-HV-[BAA]-3X	3	27K/30K/35K	25	3160	75	9480	
		RP-LBI-G1-4F-25W-[XX]K-WC-[BAA]-3X	3	35K/ 40K /50K	25	3650	75	10950	P8M1MF5Q
		RP-LBI-G1-4F-25W-[XX]K-WC-HV-[BAA]-3X	3	35K/ 40K /50K	25	3650	75	10950	

To order for continuous runs, please order "1 Bar Kits" + required accessory connectors (sold separately). Connect up to 40 light bars on one incoming power cable.

All models on the DLC QPL are premium listed.

BASE VERSION (4FT, 1X BAR KIT) - 15W ONLY

PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)	DLC PRODUCT CODE
RP-LBI-G1-4F-15W-40K-B	844006024215	4FT BASE INTERNAL DRIVE LIGHT BAR	15	1996	139	4000	PMROEESV

STAIRWELL FIXTURE

PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)	DLC PRODUCT CODE
RP-LBI-G1-2F-12W-40K-W-OC2	844006024505	2FT INTERNAL DRIVE LIGHT BAR STAIRWELL KIT	12	1560	130	4000	P3QQVAJH
RP-LBI-G1-4F-15W-40K-W-OC2	844006024512	4FT INTERNAL DRIVE LIGHT BAR STAIRWELL KIT	15	2055	137	4000	PS1Q17X9

Kit comes with 1X light Bar + OC2 Motion Sensor Kit.



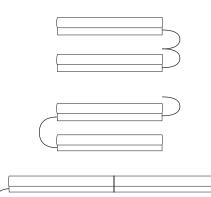
FOR PRODUCT INFO ("LED" MODEL #) CONTACT......Light Efficient Design • 188 S. Northwest Highway • Cary, IL 60013 • 847.380.3540 • led-llc.com FOR PRODUCT INFO ("RP" MODEL #) CONTACT............RemPhos by Light Efficient Design • 30 Log Bridge Road, Building 200 • Middleton, MA 01949 • 877.997.3674 • remphos.com

APPLICATION TABLE OF CONTENTS

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IMPORTANT NOTE ON WIRING METHOD

As you will see on the following pages, there are many possible uses for The Linear Transformer. Each light bar comes with its own incoming power cable. If your application calls for multiple light bars in a single fixture, there a 2 possible ways to order and wire (see below).



PARALLEL

This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple power cables can be grouped together under the ballast cover to make connection to incoming power and controls.

SERIES (WITH LINKING CABLE)

This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using "linking cables" which are available in a variety of lengths. Linking cable are sold separately.

SERIES (WITH SEAMLESS CONNECTOR)

This method provides a near seamless appearance between the bars. The first light bar uses an incoming power cable, additional light bars are linked using "seamless connectors" which are sold separately.



RP-LBI-EMG1-25W (SINGLE FLEX) RP-LBI-EMG2-25W (DUAL FLEX)

PRODUCT DESCRIPTION

The EMG-H Series LED emergency drivers are UL Listed for factory or field Installation, unrivaled emergency solutions for LED product with Internal driver. It allows the same LED luminaire to be used for normal and emergency operation and works in conjunction with an AC LED driver that convert new or existing LED fixtures into emergency lighting. It includes a long-life recyclable Lithium battery, and is backed by a 5-Year Warranty.

OPERATION

When AC power fails, The EM-H Series emergency LED driver immediately switches to the emergency mode, operating the LEDs at full lumen output for a minimum of 90 minutes (25W max load). When AC power is restored, the emergency driver automatically returns to the charging mode.

FEATURES

- 1. Long life recyclable Lithium battery.
- 2. Integration of test switch and charge indicator.
- Used for exterior or interior of luminaire.
- The power of LED luminaire < power of emergency driver.

MOUNTING CONFIGURATION:

RP-LBI-EMG1-25W Single Flex (Standard Version)

Mounts to the junction box and provides flexible conduit for remote mounting of the test accessories.

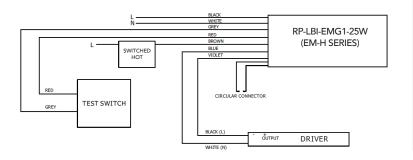


RP-LBI-EMG2-25W **Dual Flex (Optional)**

Provides dual flex for wiring to both fixture or driver compartment and test accessories



TYPICAL WIRING DIAGRAM



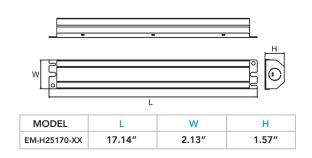
EM-H Series

UL Listed LED Emergency DriverUnrivaled emergency solutions for LED Products with Internal drivers





DIMENSIONS





Output Power 25 Watts (Max Load)

Output Voltage 170V DC

Input Current 60 mA (Max)

Input Power

8 Watts (Max) Input Volatage

120-277VAC, 50-60Hz **Emergency Operation**

>90 Minutes

Operating Temp

0° to 50°C

Battery

Lithium

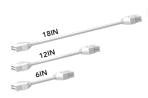
Recharge

36 Hrs

Dimensions L 17.14' X W 2.13" X H 1.57"



PARTS & ACCESSORIES



LINKING CABLES

RP-LBI-LC-6IN-DIM-10P RP-LBI-LC-6IN-NODIM-10P

RP-LBI-LC-12IN-DIM-10P RP-LBI-LC-12IN-NODIM-10P RP-LBI-LC-18IN-DIM-10P

RP-LBI-LC-18IN-NODIM-10P

NO-DIM

SEAMLESS CONNECTOR RP-LBI-SSC-DIM-10P RP-LBI-SSC-NODIM-10P

LINKING CABLES & SEAMLESS CONNECTORS

Use Linking Cables and Seamless Connectors to easily connect the power and control wires from one light bar to another. The ...-DIM version of the linking cables and seamless connector link all connections (AC power; 12V Aux power; 0-10V DIM signal) from light bar to light bar. Use these items to control all light bars from one sensor or incoming cable connection. The ...-NODIM version of these items only links the AC power. Use these items to AC power all light bars with a single power feed; but separate control signals into individual groups.



4.7IN SPACER CONNECTOR | RP-LBI-SRC-4.7IN (SINGLE PACK)

Use the 4.7in Spacer Connector to bring the length of the bar system to a standard dimension (24in, 36in, 48in). This is useful when retrofitting linear fixtures of a standard length. It allows for the bar to be centered on each standard-length fixture. Each 4.7in spacer connector comes with (2) Seamless Connector-DIM.



OC2 SENSOR KIT | RP-LBI-OC2 (SINGLE PACK)

Sensor OC2 is a Tri-Level, remote controllable high frequency sensor designed to easily integrate with the light bars. It is totally plug&play! It can dim the light bars down to conserve more energy from both motion and daylight. The OC2 sensor controls the 0-10V DIM signal in both directions from the Sensor unit. Each sensor kit comes with (1) OC2 sensor (4.7 inch); (1) surface mount magnetic clip; (2) Seamless Connector-DIM; (1) 12" Linking Cable-DIM. See RP-LBI-OC2 data sheet for more details.



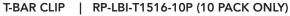
SURFACE MOUNT MAGNETIC CLIP | RP-LBI-SMM-10P (10 PACK ONLY)

The Surface Mount Magnetic Clip provides the most universal method for attaching the light bar to a wall, ceiling, or fixture to be retrofitted. The mounting tabs that extend perpendicularly from the light bar can be easily removed by bending and breaking on the pre-scored line. The strong rare-earth magnets are intended to hold light bars in place while installing mechanical fasteners. Not intended for permanent installation with magnets only. Two of these clips are included in each light bar kit.



SUSPENDED IN-LINE BRACKET KIT | RP-LBI-SIL-10P (10 PACK ONLY)

The Suspended In-Line Bracket is a wide clip that fastens over the junction of 2 light bars to keep them straight in-line and provides mounting points for common suspension methods (air craft cable, drop chain, etc.)



The T-Bar Clip is the fastest way to mount a light bar to a T-Bar grid ceiling. Works with standard 15/16" grid only.



BLADE CLIP | RP-LBI-BLC-10P (10 PACK ONLY)

The Blade Clip is designed to provide a retrofit solution for fixtures that have thin sheet metal or plastic film reflectors commonly found on high bay fixtures. The rotating mounting blade provides a degree of freedom to align the mounting holes on the blade with fastening locations that may not be in-line with the light bar or where the distance between available mounting points is greater than the length of the light bar. It is common to attach the blade to the same point holding the thin reflector to the fixture frame.





SUSPENDED IN LINE KIT*





RECOMMENDED INSTALLATION

CONTINUOUS RUN



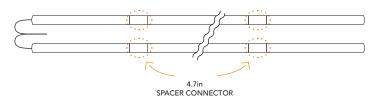
CONTINUOUS RUN WITH OPTIONAL OC2 SENSOR KIT

OC2 Sensor can be installed on either end or in between any bars

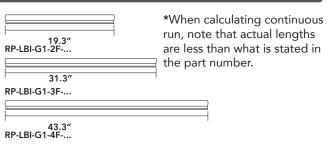


CONTINUOUS RUN WITH SPACER CONNECT

Ideal for retrofitting fixtures of standard length



DIMENSIONS



ACCESSORIES



SEAMLESS CONNECTOR*

RP-LBI-SSC-DIM (sold separately) Links the OCC control signal to all bars. RP-LBI-SSC-NODIM (sold separately) Isolates each OCC control group within the continuous run.

*All continuous run installations require seamless connectors.



SUSPENDED IN-LINE BRACKET KIT

RP-LBI-SIL (sold separately) Recommended qty = number of bars + 1



LINKING CABLES*

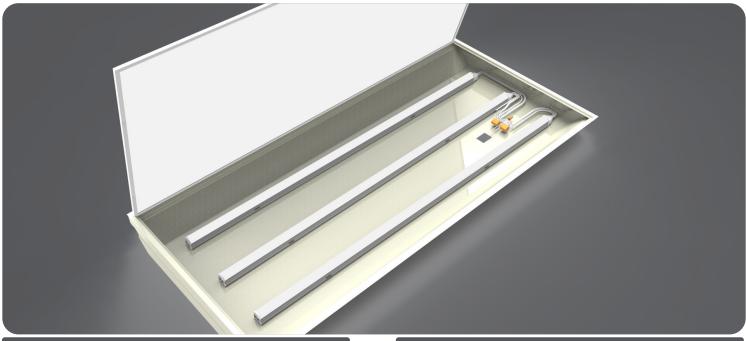
RP-LBI-LC-6IN-DIM RP-LBI-LC-6IN-NODIM RP-LBI-LC-12IN-DIM RP-LBI-LC-12IN-NODIM RP-LBI-LC-18IN-DIM

RP-LBI-LC-18IN-NODIM

* Choose the appropriate linking cable length based on the dimensions of your fixture.

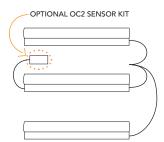
RemPhos by Light Efficient Design

RETROFIT TROFFERS*



RECOMMENDED INSTALLATION

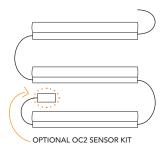
ACCESSORIES



PARALLEL

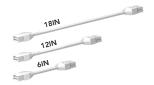
This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple incoming power cables are connected together under the ballast cover.

NO ADDITIONAL ACCESSORIES REQUIRED



SERIES

This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using "linking cables" which are available in a variety of lengths. Linking cables are sold separately.



LINKING CABLES*

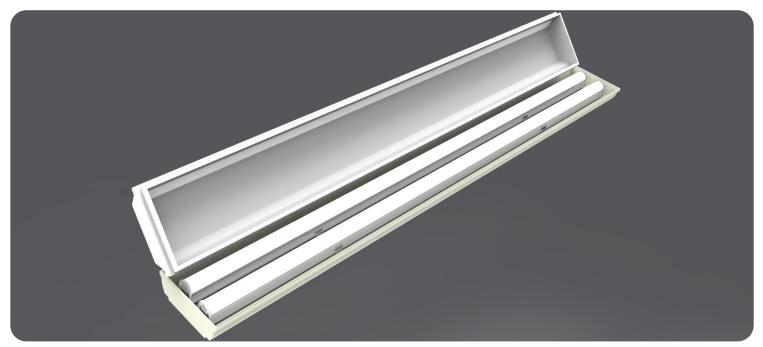
RP-LBI-LC-6IN-DIM RP-LBI-LC-6IN-NODIM RP-LBI-LC-12IN-DIM RP-LBI-LC-12IN-NODIM RP-LBI-LC-18IN-DIM RP-LBI-LC-18IN-NODIM

* Choose the appropriate linking cable length based on the dimensions of your fixture.



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RETROFIT LINEAR FIXTURES *



^{*} Example Retrofit. Fixture not included.

RECOMMENDED INSTALLATION

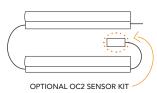
OPTIONAL OC2 SENSOR KIT

PARALLEL

This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple incoming power cables are connected together under the ballast cover.

ACCESSORIES

NO ADDITIONAL ACCESSORIES REQUIRED



SERIES

This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using "linking cables" which are available in a variety of lengths. Linking cables are sold separately.



LINKING CABLES*

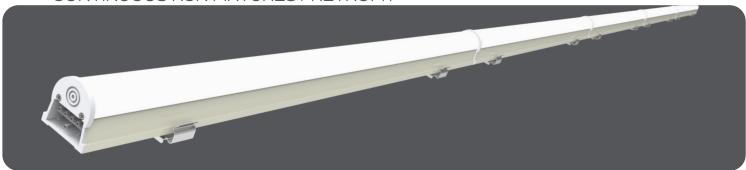
RP-LBI-LC-6IN-DIM RP-LBI-LC-6IN-NODIM RP-LBI-LC-12IN-DIM RP-LBI-LC-12IN-NODIM RP-LBI-LC-18IN-DIM RP-LBI-LC-18IN-NODIM

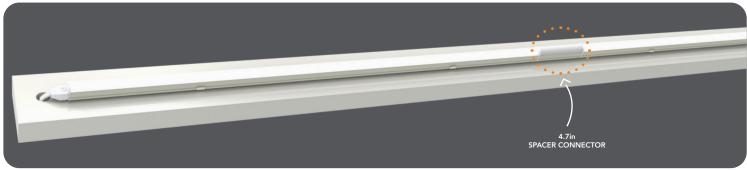
* Choose the appropriate linking cable length based on the dimensions of your fixture.



$^{-\!\!\!\circ}$ LEDBarKit-Internal Driver (LBI)

CONTINUOUS RUN FIXTURES / RETROFIT*





* Example Retrofit. Fixture not included.

RECOMMENDED INSTALLATION

CONTINUOUS RUN



CONTINUOUS RUN WITH OPTIONAL OC2 SENSOR KIT

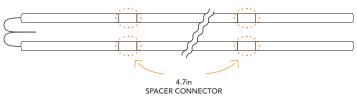
OC2 Sensor can be installed on either end or in between any bars



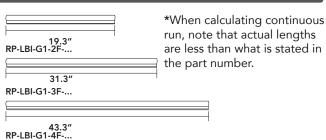


CONTINUOUS RUN WITH SPACER CONNECT

Ideal for retrofitting fixtures of standard length



DIMENSIONS



ACCESSORIES



SEAMLESS CONNECTOR*

RP-LBI-SSC-DIM (sold separately) Links the OCC control signal to all bars. RP-LBI-SSC-NODIM (sold separately) Isolates each OCC control group within the continuous run.

*All continuous run installations require seamless connectors.



SURFACE MOUNT MAGNETIC CLIP

RP-LBI-SMM (2x included with bar)



SUSPENDED IN-LINE BRACKET KIT

RP-LBI-SIL (sold separately) Recommended qty = number of bars + 1



T-BAR CLIP

RP-LBI-T1516 (sold separately) Recommended qty = 2x per bar



4.7in SPACER CONNECTOR

RP-LBI-SRC-4.7IN (sold separately)

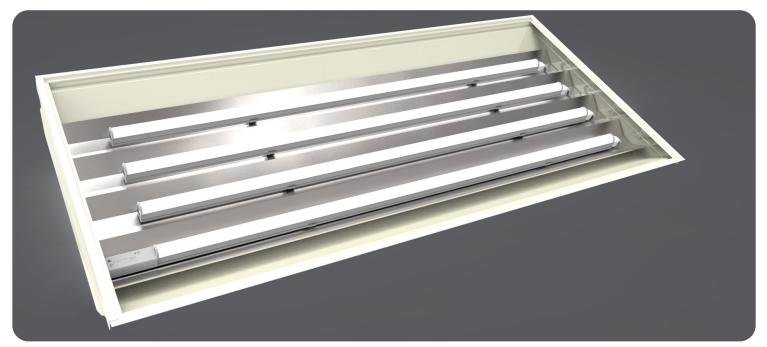
*Connect up to 40 units on one incoming power cable



FOR PRODUCT INFO ("LED" MODEL #) CONTACT......

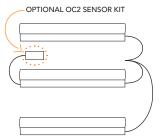
......Light Efficient Design • 188 S. Northwest Highway • Cary, IL 60013 • 847.380.3540 • led-Ilc.com FOR PRODUCT INFO ("RP" MODEL #) CONTACT......RemPhos by Light Efficient Design • 30 Log Bridge Road, Building 200 • Middleton, MA 01949 • 877.997.3674 • remphos.com

HIGH BAY FIXTURE / RETROFIT*



^{*} Example Retrofit. Fixture not included.

RECOMMENDED INSTALLATION



PARALLEL

This method is the most cost effective. Each light bar comes with its own incoming power cable. Multiple incoming power cables are connected together under the ballast cover.

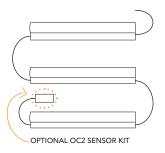
ACCESSORIES



BLADE CLIP

RP-LBI-BLC-10P

The Blade Clip is designed to provide a retrofit solution for fixtures that have thin sheet metal or plastic film reflectors commonly found on high bay fixtures. It is common to attach the blade to the same point holding the thin reflector to the fixture frame.



SERIES

This method is the fastest. The first light bar uses an incoming power cable, additional light bars are linked using "linking cables" which are available in a variety of lengths. Linking cables are sold separately.



LINKING CABLES*

RP-LBI-LC-6IN-DIM RP-LBI-LC-6IN-NODIM

RP-LBI-LC-12IN-DIM

RP-LBI-LC-12IN-NODIM

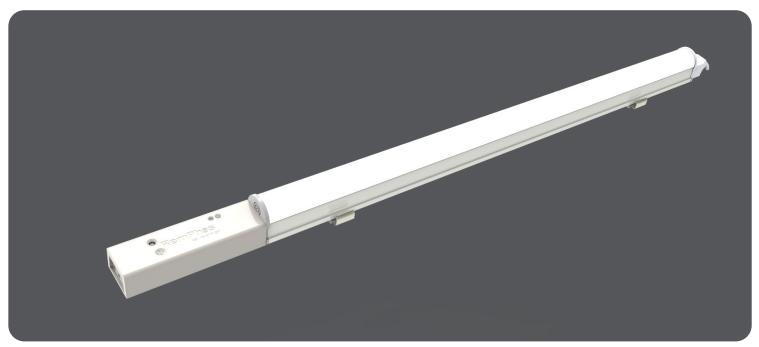
RP-LBI-LC-18IN-DIM RP-LBI-LC-18IN-NODIM

* Choose the appropriate linking cable length based on the dimensions of your fixture.

Light Bars are DLC listed under the high bay fixture category. You can choose to purchase Light Bars only and hang/mount as a standalone fixture or retrofit an existing high bay fixture housing as shown above.



— LEDBarKit-Internal Driver (LBI) STAIRWELL FIXTURE KIT / UTILITY FIXTURE*



^{*} Example Retrofit. Fixture not included.

STAIRWELL FIXTURE KIT INCLUDES



ORDERING #

2FT: RP-LBI-2F-12W-40K-W-OC2 4FT: RP-LBI-4F-15W-40K-W-OC2

1 - INTERNAL DRIVE BAR KIT

LEDBAR + Incoming power cable + Magnetic mounting brackets + Power disconnect, connectors and grommet.



1 - OC2 SENSOR KIT

RP-LBI-OC2 Sensor + Seamless Connector-DIM

UTILITY FIXTURE

To use as a standalone utility fixture, purchase 1X Light Bar kit.

Fixture housings to be used as wiring and emergency battery compartment currently in development. Call for more information.

