TECHLIGHT
INNOVATION IN ILLUMINATION

LBPR SERIES

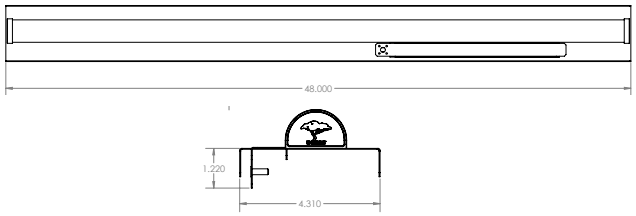
Advanced LED Strip Retrofit

Catalog Number	
Project	Type

SERIES	HOUSING HEIGHT	LENGTH & WIDTH[3]
LBPR	1.28"	48.00" x 4.31"

LISTINGS — ETL listed.

WARRANTY — The complete luminaire is covered by a 5-year limited warranty.



FEATURES & SPECIFICATIONS

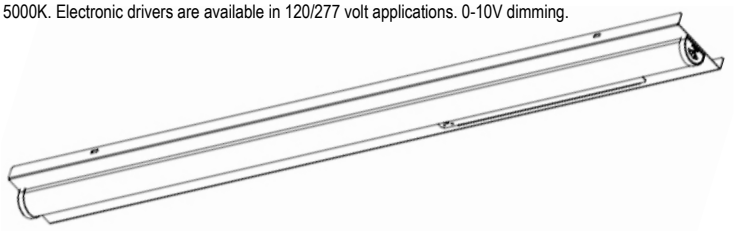
APPLICATION — LED Strip Retrofit Kits are a great way to modify an existing fixture to save time and energy. With 50,000 hours of life at L70 standard and a 5-year limited warranty the fixture maintenance cost is reduced substantially over time.

FEATURES — LBPR Series is a complete reflector system, including LED channels and driver along with self tapping ¼" screws for mounting to provide maximum efficiency. Great substitute for replacing an existing strip fixture. This retrofit system allows for removal and discarding of the ballast, ballast cover, omitting of lamps, optimizing light output and reducing energy consumption to comply with utility rebate requirements.

FINISH — Post painted housing and components with a Lighting White Polyester type paint which has a UV stabilizer included with a 93% reflectivity. Raw steel goes through our custom wash system with a mild solvent and pre-treatment "rust inhibitor" before passing through a preheat oven. After the paint is applied the fixture then passes through the cure oven for maximum adhesion. Each fixture is painted to a minimum of 2-3 mil thickness for extra durability.

OPTICAL SYSTEM — LED channels provided with frosted lens for smooth soft light dispersion.

ELECTRICAL SYSTEM — Long life LED's and high efficiency drivers work together to provide superior performance in an efficient package to deliver optimal performance. LED's available in 3000K, 4000K, and 5000K. Electronic drivers are available in 120/277 volt applications. 0-10V dimming.



ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

EXAMPLE:
LBPR 8 12L 40 1

LBPR				
SERIES	LENGTH	NOMINAL LUMENS	COLOR TEMP	VOLTAGE
	4 = 4 feet **8** = 8 feet	4' Models Only: **4L** = 4,000 Lumens; **5L** = 5,000 Lumens; **6L** = 6,000 Lumens 8' Models Only: **8L** = 8,000 Lumens; **10L** = 10,000 Lumens; **12L** = 12,000 Lumens	**30** = 3000K **40** = 4000K **50** = 5000K	**1**= Multi-Volt[1]

LUMINAIRE CHARACTERISTICS

Length	Nominal Lumens	Delivered Lumens 4000K	Delivered Lumens 5000K	System Wattage	LPW	L70 @ 25°C	Amperage Draw 120V	208V	240V	277V
4 ft	4L	4519	4519	29	156	≥ 50K	0.25 A	0.14 A	0.13 A	0.11 A
	5L	5122	5122	33	156	≥ 50K	0.28 A	0.16 A	0.14 A	0.12 A
	6L	5976	5976	40	150	≥ 50K	0.34 A	0.2 A	0.17 A	0.15 A
8 ft	8L	9038	9038	58	156	≥ 50K	0.49 A	0.28 A	0.25 A	0.21 A
	10L	10244	10244	66	156	≥ 50K	0.55 A	0.32 A	0.28 A	0.24 A
	12L	11952	11952	79	152	≥ 50K	0.66 A	0.38 A	0.33 A	0.29 A

NOTES

1 = Actual wattage may differ by ±5% while operating 120/277V ±10%.
2 = Multi-Volt is 120/277V.
3 = Consult factory for custom pan sizes.

WARNING: Maintenance performed including the replacement of LED bricks while power is still supplied to the lumenaire may result in system failures and will void the warranty.

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All dimensions and specifications are subject to change without notice.