



LOW BAY RETROFIT SYSTEM *U.S. PATENT NO. 10,054,296

Linmore LED Labs Low Bay Retrofit System (LB) is the ultimate complete retrofit system for low bay linear fluorescent light fixtures. Each LB is comprised of Linmore's patented URS Light Bars in 4' configurations.

An LB can be coupled with channel covers and assembled with a driver for a ready to install package. When the objective is to extend the useful life of installed low bay fixtures while upgrading to LED with a robust, complete retrofit system with components that exceed those found in LED Tubes, Linmore's LB is the clear choice.



HIGHLIGHTS

- Efficacy up to 152 Lumens/Watt Delivered
- URS™ Light Bars
(*Covered under U.S. Patent No. 10,054,296)
- 0-10 Volt Multi-Channel Dimming Driver
- Aluminum Heat Sink/Extrusion
- Clear/Frosted Lens (Optional)
- No Glass
- 180 Degree Light Distribution
- Warranty: 20 Years Light Bar/ 10 Years Driver
- No Mercury
- No UV Light

APPLICATIONS

- Warehouses
- Storage Facilities
- Open Areas with ceiling heights <18'

Efficacy:

- Only top tier performance diodes for ultra-high lumens/watt
- Lowest Watts per Foot Candles Available

Thermal Dissipation:

- The heat sink extrusion is made of 6063 T5 Aluminum with substantial fins & surface area for superior heat dissipation
- Patented Air Flow Cavity under LED PCB allows dissipated heat to leave the area
- Interior PCB Board is made of aluminum core and mechanically bonded to the aluminum extrusion heat sink

Lens:

- Integral Volumetric Diffuser eliminates glare and evenly distributes light
- Integral Volumetric Diffuser transmits 94% of generated lumens
- Suitable for most food processing applications
- Beam angle is 180 degrees for a wide distribution of light
- Glass Free

Lumen Output

Wattage	Lumens
36 (1 Bar)	4874
44 (1 Bar)	5940
44 (2 Bars)	6424
60 (2 Bars)	8994

Specifications

Suitability	Indoor Applications
Warranty	Warranty: 20 Years Light Bar/ 10 Years Driver
Expected Life	>88,000 Hours
Driver	0-10 Volt Dimmable
System Input Wattage (driver dependent)	36W, 44W, 60W
Efficacy (3500K)	142-152 Lumens/Watt (+/- 10%)
Voltage	100-277 Volts AC
Beam Angle	180
Color Rendering Index (CRI)	82
Color Temperature	3500K, 4100K or 5000K
Extrusion Material	6063 T5 Aluminum
Operating Temperature	-40F - 140F
Power Factor	0.99
Total Harmonic Distortion (THD)	< 9% (277 Volt)
Certifications	DLC, UL
Design Lights Consortium	Yes

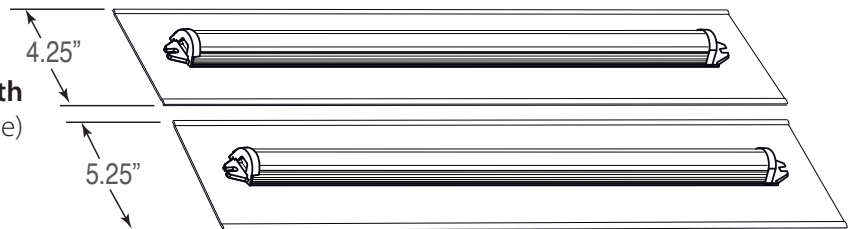
Ordering Information

Model	Number of 4' Bars	Kelvin	Wattage	Options
LL-URS-LB	1	3500K (35K)	36W, 44W (1 Bar)	Channel Covers: 48" Long x 4.25" or 5.25" Wide, White Powder Coated Steel (custom sizes available)
		4100K (41K)	44W, 60W (2 Bars)	Assembly: Channel Cover(s), URS Light Bar(s), and Driver assembled and Ready to Install as a Kit
		5000K (50K)		Packaging: Kits of 1 or 10 Packs

Example

LL-URS-LB - 2 - 50K - 60W

Choices in Width
(custom sizing available)



Weight: 1 lbs.

Specifications are Subject to Change.

