

## LOW BAY RETROFIT SYSTEM

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 patent pending 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
- 0-10 Volt Multi-Channel Dimming External Driver
- Aluminum Heat Sink/Extrusion
- Clear/Frosted Lens (Optional)
- No Glass
- 180 Degree Light Distribution
- 10 Year Warranty Complete System
- No Mercury
- No UV Light

### APPLICATIONS

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



# LOW BAY RETROFIT SYSTEM

## 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
- Patent pending 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

## OPTICS

- 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

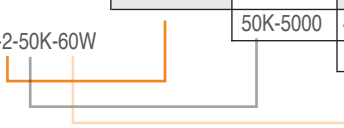
## SPECIFICATIONS

Suitability	Indoor Applications
Warranty	10 Year Complete System
Expected Life	> 88,000 Hours
Driver	External, 0-10 Volt Dimmable
System Input Wattage (driver dependant)	36, 44, 60 Watts
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	UL, Lighting Facts
Design Lights Consortium	Yes

## ORDERING INFORMATION: LOW BAY RETROFIT SYSTEM (LB)

Product Series	# Of 4' URS Light Bars	Color Temp	System Input Power	Lumens/ System	Options
LL-URS-LB-__-__K-__W					
	1	35K-3500	36 (1 Bar)	4,874	Channel Covers: 48" Long x 4.25" or 5.25" Wide, White Powder Coated Steel (custom sizes available)
	2	41K-4100	44 (1 Bar)	5,940	Assembly: Channel Cover(s), URS Light Bar(s), and Driver assembled and Ready to Install as a Kit
		50K-5000	44 (2 Bars)	6,424	Packaging: Kits of 1 or 10 Packs
			60 (2 Bars)	8,994	

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



### Choices in Width

(Custom sizing available)

