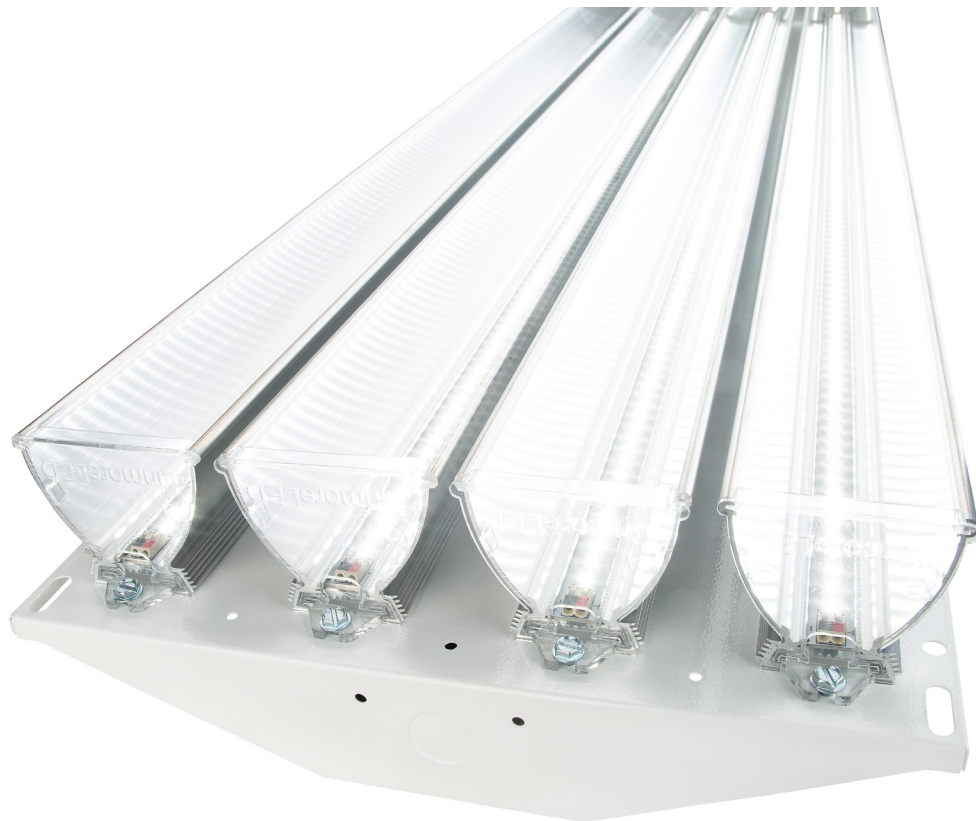


HIGH PERFORMANCE HIGH BAY (HPH)

Linmore LED Labs High Performance High Bay (HPH) is a formidable combination of performance and value. A key differentiator in LED high bays is highly efficient optics. While most high bays have bare LEDs and inefficient optics, HPH uses Linmore's patent pending ParaBar[™] Light Bar System with high efficacy LEDs mechanically bonded to the aluminum extrusion. The ParaBar[™] Light Bar with parabolic, highly reflective optics maximizes light output. When the objective is to maximize value in a high bay, your purchasing dollar with high light levels per Watt and Dollar of Capital, the Linmore HPH is the clear choice.



HIGHLIGHTS

Optics

- ParaBars[™] Light Bars (patent pending)
- Highly Engineered Parabolic Shape
- Clear, Polycarbonate End Caps

Efficacy

- >134 Lumens/Watt Delivered

Construction

- ParaBar[™]: Extruded Aluminum
- LED Driver Enclosure: Aluminum
- No Glass
- No Mercury
- No UV Light

Thermal Dissipation

- Air Cavity Heat Transfer System (patent pending)
- Extruded Aluminum ParaBars[™]

Ease of Ownership

- Wide Open Access to Components
- Warranty: 14 Years Light Bar / 10 Years Driver
- Adaptive: Add or Remove ParaBars[™] as area needs change over time

Electrical

- Integral Surge Suppression, 20KA (optional)
- 0-10V Dimming
- Aluminum Driver Housing
- 6' SO Cord Included

Controls

- 0 -10V Dimming
- Optional: Occupancy Sensor, Wet Rated

HIGH PERFORMANCE HIGH BAY (HPH)

Efficacy:

- Only highest performance diodes for ultra-high Lumens/Watt
- Elongated LEDs for superior consistency of light distribution

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 URS area
- Interior PCB Board is made of aluminum core and mechanically bonded to the aluminum extrusion heat sink

Optics:

- Parabolic shape reflectors for consistent light distribution
- Glass Free

Specifications

Suitability	Dry or Damp Locations
Warranty	14 Years Light Bar / 5 Years Driver
Expected Life (L90)	> 102,000 Hours
Driver	0-10 Volt Dimmable
System Input Wattage (driver dependent)	72-216 Watts
Efficacy (5000K)	>134 Lumens/Watt (+/- 10%)
Voltage	100-277 Volts AC, 347/480V Avail
Color Rendering Index (CRI)	82
Color Temperature	5000K
Dimensions	11.25"W x 48.5"L x 5.5"D 15.5"W x 48.5"L x 5.5"D
Extrusion Material	6063 T5 Aluminum
Operating Temperature	-40F - 135F
Power Factor	0.99
Total Harmonic Distortion (THD)	< 9% (277 Volt)
Certifications	UL1598, Lighting Facts FCC CFR 47 Part 15, ROHS, CUL (Canada)
Design Lights Consortium	Yes, Premium

Ordering Information

Model	Kelvin	No. of ParaBars™	Wattage	SO Cord Length	Options
LL-HPL	4100 (41K)	2	72W	6'	OS Occupancy Sensor: Wattstopper HBP-111
	5000 (50K)	2	88W	11'	DF Diffuser: 94% Transmission Glare Reduction
		3	110W	15'	TF Transformer: 480v to 277v Internal
		3	132W		UL Uplight: 2' Linmore URS Light Bar 15 Watts
		4	176W		EM Emergency Battery BackUp, 25 Watts

Example

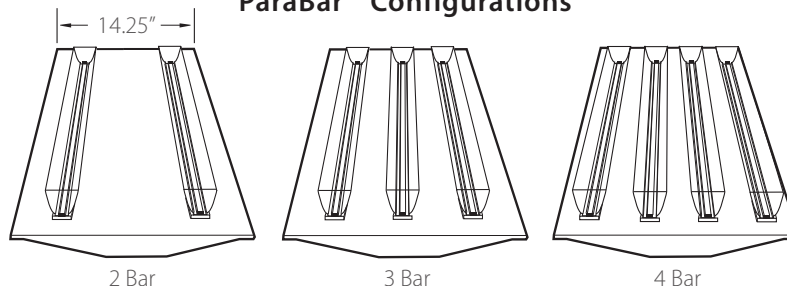
LL-HPH - 50K - 4 - 132 - 15

Lumen Output

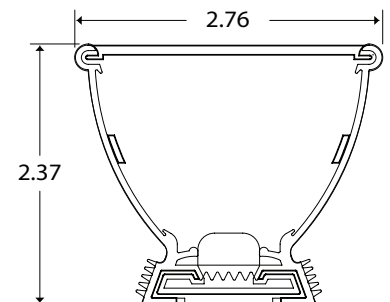
Wattage	Lumens
72	10,080
88	12,320
110	15,120
132	20,160
176	25,200

*Based on 5000K

ParaBar™ Configurations



ParaBar™ Front View



Installation Methods

- Aircraft Cable Assembly
- Rigid Mount Brackets

*U.S. Patent No. 9,752,735.
Specifications are Subject to Change.

