



Project Name:	
Application:	
Date:	

HIGH PERFORMANCE HIGH BAY (HPH) PATENTED*

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 effective optics. While most high bays have bare LEDs and no optics, the HPH uses Linmore's patent pending ParaBar™ High Bay Light Bar System with high efficacy LEDs on an aluminum strip mechanically bonded to the aluminum extruded Light Bar with parabolic, highly reflective sides. When the objective is to maximize value in 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
- 98% Reflective Siding
- 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: 10 Years on ParaBar, 5 Years on 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



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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

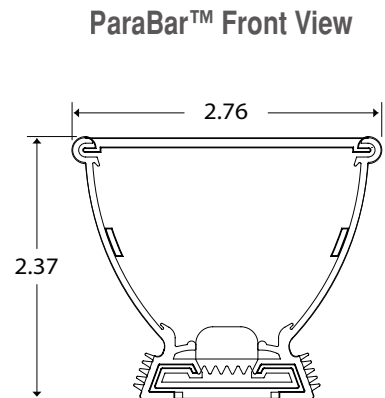
- Parabolic shape reflectors for consistent light distribution
- 98% Reflective material lines the ParaBars™ for maximum delivered lumens
- Glass Free

SPECIFICATIONS

Suitability	Dry or Damp Locations
Warranty	5 Year Limited Warranty
Expected Life	> 102,000 L90
Driver	0-10 Volt Dimmable
System Input Wattage (driver dependent)	72-144 Watt Models
Color Rendering Index	82
Color Temperature	5000K
Efficacy (5000K)	134 Lumens/Watt (+/- 10%)
Voltage	100-277 Volts AC, 347/480V Avail
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	< 9% (277 Volt)
Certifications	UL1598, Lighting Facts FCC CFR 47 Part 15, ROHS CUL (Canada)
Design Lights Consortium	Yes, Premium

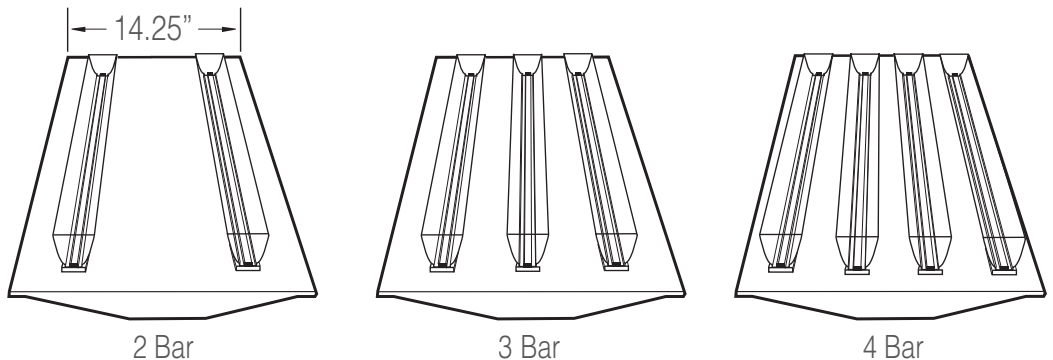
ORDERING INFORMATION: HIGH PERFORMANCE HIGH BAY (HPH) PATENTED*

Product Series	Color Temp	# Of Para Bars	System Input Power	Delivered Lumens/ System	SD Cord Length	Options
LL-HPH-__K-__-__-__-__	5000-50K	2	72	10,038	6'	OS Occupancy Sensor: Wattstopper HBP-111
		2	88	11,768	11'	DF Diffuser: 94% Transmission, Glare Reduction
		3	88	12,758	15'	TF Transformer: 480v to 277v Internal
		3	110	14,479		UL Uplight: 2' Linmore URS Light Bar 15 Watts
		4	144	19,933		EM Emergency Battery BackUp, 25 Watts



EXAMPLE:
LL-HPH-50K-4-144-15

ParaBar™ Configurations



Installation Methods

Aircraft Cable Assembly
Rigid Mount Brackets

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