



ULTRA PERFORMANCE VAPOR TIGHT HIGH BAY (VTH) *U.S. PATENT NO. 9,752,735

Linmore LED Labs Ultra Performance Vapor Tight High Bay (VTH) combines the innovation of Linmore ParaBars™ with a vapor tight enclosure. The patented ParaBar™ High Bay Light Bar System is comprised of the highest efficacy LEDs mechanically bonded to extruded aluminum light bar with parabolic, ultra-reflective sides. The amount of light and the consistent distribution of light per watt of energy consumed is unmatched by any other sealed high bay. When the objective is to utilize a high bay lighting system that repels the elements with the least amount of energy and maintenance, and get an industry leading 10 year warranty, the Linmore VTH is the clear choice.



HIGHLIGHTS

Efficacy

- 140 Lumens/Watt Delivered

Optics

- ParaBars™ Light Bars
(*Covered under U.S. Patent No. 9,752,735)
- Optically Engineered Parabolic Shape
- 98% Reflective Siding
- Clear, Polycarbonate End Caps

Construction

- IP67 Rated Enclosure
- Clear Acrylic Diffuser, Impact Resistant
- ParaBar™: Extruded Aluminum
- LED Driver Enclosure: Aluminum
- Stainless Steel Hardware
- No Glass
- No Mercury
- No UV Light

Thermal Dissipation

- Air Cavity Heat Transfer System (patented)
- Extruded Aluminum ParaBars™

Ease of Ownership

- Warranty: 10 Year Limited Warranty
- Adaptive: Add or Remove ParaBars™ as area needs change over time

Electrical

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

Controls

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

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Specifications

Suitability	Wet Locations
Warranty	10 Years on ParaBar, 5 Years on Driver
Expected Life	> 100,000 Hours L90
Driver	0-10 Volt Dimmable
System Input Wattage (driver dependent)	72-176 Watt Models
Efficacy (5000K)	140 Lumens/Watt (+/- 10%)
Voltage	100-277 Volts AC, 347/480V
Available Dimensions	14.6"W x 52"L x 6"D

Color Rendering Index (CRI)	82
Color Temperature	3500K, 4100K, 5000K
Total Harmonic Distortion	< 9% (277 Volt)
Extrusion Material	6063 T5 Aluminum
Operating Temperature	-40F - 110F
Power Factor	0.99
Certifications	UL Wet, cULus, IP67, UL 1598, FCC CRF 47 Part 15, ROHS, NSF
Design Lights Consortium	No

Ordering Information

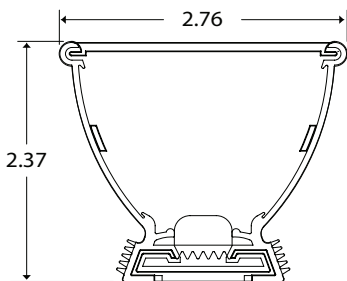
Model	Kelvin	ParaBar™ Config	Number of Bars	Wattage	SO Cord Length	Enclosure	Options
LL-UPH	3500K (35K)	Normal-N	2	72	6	VTH-Vapor Tight High Bay Enclosure	OS Wattstopper HBP-111
	4100K (41K)		3	88			DF Diffuser: 94% Transmission, Glare Reduct.
	5000K (50K)		4	108			TF Transformer: 480v to 277v Internal
				132			EM Backup Battery
				144			URS Available with URS Lightbars
				176			

Example

LL-UPH-50K-4-N-144-6-VTH

Weight: 16 lbs.

ParaBar™ Front View



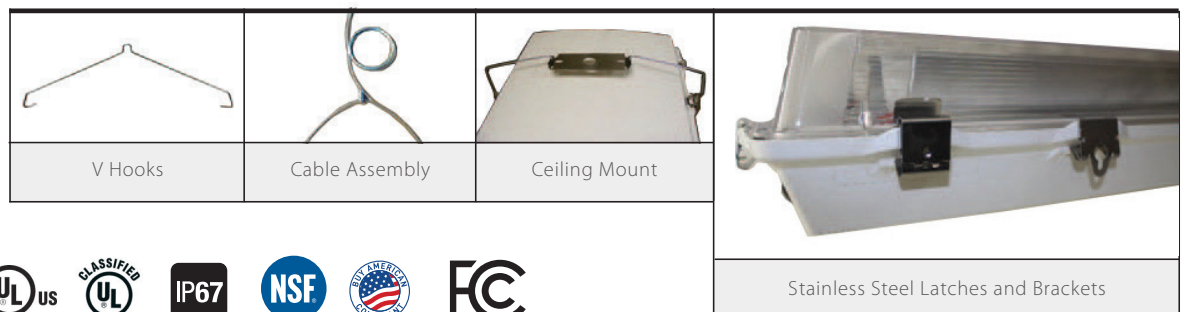
Available Models:

LL-UPH-50K-2-N-72-6-VTH
 LL-UPH-50K-2-N-88-6-VTH
 LL-UPH-50K-3-N-88-6-VTH
 LL-UPH-50K-3-N-108-6-VTH
 LL-UPH-50K-4-N-132-6-VTH
 LL-UPH-50K-4-N-144-6-VTH
 LL-UPH-50K-4-N-176-6-VTH

Lumens

Wattage	Lumens
72	10152
88	11768
108	12408
132	13860
144	15228
176	20304

Installation Methods



Specifications are Subject to Change.

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 Modified: November 29, 2019 11:51 AM