

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

Eliminator High Bay (EHB)

LED HIGH BAY



Linmore LED
ULTRALINK
CONTROLS REIMAGINED



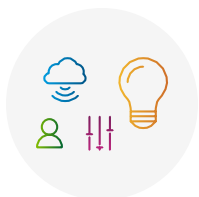
Guaranteed Performance

Performance of the light fixture is guaranteed for 10 years, including lumen output (L70), color temperature, and LED driver.



Superior Heat Dissipation

All-aluminum constructed light bars improve thermal transfer, keeping LEDs cool to increase performance and life.



Controls and Sensors

Linmore LED driver with 0-10V dimming. Plus motion and dimming sensors, photocell and wireless controls available.

KEY FEATURES

- 16,000 to 42,000 lumens
- Up to 170 LPW
- Frosted, Clear and Aisle optics available
- Estimated L70 >150,000 hours
- Up to 55°C ambient
- Winsta Female Connection for rapid installation

TECHNICAL SPECS

Frame Size	5000K - Clear Lens			5000K - Frosted Lens			5000K - Narrow Lens		
	Lumens	Watts	Efficacy	Lumens	Watts	Efficacy	Lumens	Watts	Efficacy
2'	16,828	100	168	14,810	100	148	17,050	100	171
2'	25,568	150	170	22,500	150	150	25,905	150	173
4'	33,657	200	168	29,620	200	148	34,100	200	171
4'	42,350	250	169	35,868	250	143	42,900	250	172

ORDERING

SERIES MODEL	COLOR TEMP	SIZE	WATTAGE	OPTICS	VOLTAGE	CORDS	OPTIONS	CONTROLS
LL-EHB-	50K 5000K	2	100W	CL Leave blank for Clear Optic, comes standard. AL Aisle Optic F Frosted Optic	UNV Leave blank for UNV 120-277V, comes standard. HV 200-480V	Fixture comes standard with 6' Cord, 15A, 3-wire, no plug. 11S0 11' SO cord 15S0 15' SO cord C515 Cord, 15A, straight plug 120V (5-15P) CL515 Cord, 15A, locking plug 120V (L5-15P) CL715 Cord, 15A, locking plug 277V (L7-15P) CL720 Cord, 20A, locking plug 277V (L7-20P) CL2420 Cord, 20A, locking plug 347V (L24-20P) CL820 Cord, 20A, locking plug 480V (L8-20P)	SSP 20kA Surge Suppressor, 120-277V SSPH 20kA Surge Suppressor, 480V BBU-25W 25W Battery Backup WFC Winsta Female Connector WG-1² Wire Guard for 75W and 100W WG-2² Wire Guard for 125W, 150W and 175W WG-3² Wire Guard for 200W and 250W WG-4² Wire Guard for 300W and 400W	FSP-201 Wattstopper 0-10V dimming sensor, L-7 Lens. FSP-202 Wattstopper ON / OFF sensor, L-7 Lens. FSP-211 Wattstopper 0-10V, 120-277V, dimming sensor, L-7 Lens. LEDD Enocan Wireless Module ULTRA^{4,8} UltraLink Bluetooth Wireless. Contact Factory. ULTRAHGA^{4,8} Linmore Bluetooth Wireless Fixture Controller, 12V Input, Silvair Firmware. Includes 2.4GHz Omni Directional High-Gain Antenna. ULTRAPIR20^{4,8} UltraLink Wireless Fixture Controller with Sensor, PIR, 20FT, BLE ULTRAPIR40^{4,8} UltraLink Wireless Fixture Controller with Sensor, PIR, 40FT, BLE Other Wattstopper lenses available. Contact factory.
	41K 4100K	4	150W					
			200W					
			250W					

If none, leave blank

*Includes 2 fixtures per case.

ORDERING EXAMPLES

Standard: LL-EHB-50K-2-100W

With Options: LL-EHB-50K-2-100W-AL-HV-ULTRA

ACCESSORIES

CONNECTORS (Factory Installed)

Part Number	Description
LL-WMC-S06	Winsta Male Connector with 6' SO cord
LL-WMC-S011	Winsta Male Connector with 11' SO cord
LL-WMC-S015	Winsta Male Connector with 15' SO cord

MOUNTING

CABLEKIT	Gripple Cable Kit. Includes (two) 10 ft. aircraft "Y" cables and snap hooks (one pair).
LL-EHB-PDT	EHB Pendant Mount Bracket

CONTROLS

FSP-L2	360° lens, max coverage 48' diameter from 8' height for use with FSP-201
FSP-L3	360° lens, max coverage 40' diameter from 20' height for use with FSP-201
FSP-L4	360° lens, max coverage 60' diameter from 40' height for use with FSP-201
FSIR-100	Wattstopper Remote Handheld Configuration Tool

ULTRALINK

ULTRAGATEWAY	UltraLink Bluetooth Wireless Gateway, Long Range Bluetooth Mesh, 800 MHz ARM with 512 MB RAM, 8 GB Storage, Hardware Security Module, Encrypted File System, Secure Boot, Interior Installation Only.
ULTRASW	UltraLink Bluetooth Wireless Wall Switch, Self-Powered, Single Rocker, On/Off/Dimming.
ULTRASW-DR	UltraLink Bluetooth Wireless Wall Switch, Self-Powered, Double Rocker, On/Off/Dimming/Scenes.
ULTRASW-AC	UltraLink Bluetooth Wireless Wall Switch, AC-Powered 120-277V, Single Rocker, On/Off/Dimming.
ULTRASW-PIR-AC	UltraLink Bluetooth Wireless Wall Switch with PIR Sensor, AC-Powered 120-277V, Single Rocker, On/Off/Dimming.
ULTRASW-4B-AC	UltraLink Bluetooth Wireless Wall Switch with 4 Buttons, AC-Powered 120-277V, Single Gang, On/Off/Dimming/Scenes.
ULTRATIME-BAT	UltraLink Bluetooth Time-Keeping Battery Backup includes an outdoor-rated enclosure, a high-gain antenna and a backup battery. For use to keep time during a power outage and for in-node scheduling.
ULTRAFACT	UltraLink Factory Activation, zone identification on packaging. For use with all Bluetooth ready fixtures and systems.
ULTRADESIGN	UltraLink System Design Services
ULTRADASH	UltraLink Dashboards for energy use, energy heat mapping, and occupancy heat mapping. Gateway (ULTRAGATEWAY) required, sold separately.

WIRE GUARDS (If ordered separately, post-install)

LL-WG-1	Wire Guard for EHB 75W and 100W models, works with sensors.
LL-WG-2	Wire Guard for EHB 125W, 150W, and 175W models, works with sensors.
LL-WG-3	Wire Guard for EHB 200W and 250W models, works with sensors.
LL-WG-4	Wire Guard for EHB 300W and 400W models, works with sensors.

FEATURES & SPECIFICATIONS

CONSTRUCTION

- **All-Aluminum Construction:** Constructed to keep the LED light bars running cool increasing longevity. Every LED strip is secured to the extrusion to aid in thermal transfer.
- **LED Boards:** LEDs are populated onto an aluminum core board creating a steady flow of heat into the aluminum bar.

ELECTRICAL

- **Power Input:** 120-277V or 200-480V (50/60Hz), typical, depending on model.
- **Power Factor:** >0.9 (0.99 typical).
- **Total Harmonic Distortion:** <10%.
- **Surge Protection:** Standard is 3kV for LED drivers. Additional surge protection of 20kA available as an option.
- **Battery Backup:** Emergency Backup Driver with Battery (BBU-25W) provides 25 watts output for >90 minutes, mounted to top of driver cover.

OPERATION

- **Environment:** Dry/Damp, for interior applications.
- **Ambient Range Operation:** -40°C up to 55°C (-40°F up to 130°F).

OPTICS

- **CCT:** 5000K or 4100K.
- **CRI:** >70 standard, other CRI available (extended lead time).
- **Lenses:** Clear, Frosted and Aisle lenses.

MOUNTING

- **Mounting:** Cable suspension and pendant mount.



CONTROLS³

- **Dimming:** 0-10V standard. Dim to OFF.
- **Sensors:** Compatible with Wattstopper and McWong sensors, and Enocean switches.
- **Networked Control Options⁴:** UltraLink SIG Bluetooth[®] with Mesh Networked Controls⁴.
- **UL 924 functionality available with the UltraLink Bluetooth Wireless Controls Platform.**

WARRANTY

- **10 Year Performance Warranty:** Performance of the light fixture is guaranteed for 10 years, including lumen maintenance (L70), color temperature, and LED driver. "Defective" is considered if ten percent (10%) or more of the LEDs, per product, are non-operating LEDs, total lumen depreciation exceeds 30% (L70), or color temperature has shifted more than 500° Kelvin within the warranty period. See terms and conditions at <https://linmoreled.com/warranty>

LISTINGS & CERTIFICATIONS

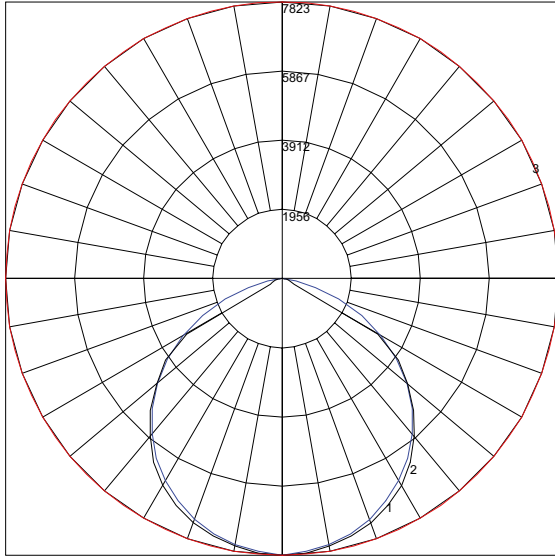
- UL 1598.
- RoHS compliant.
- DesignLights™ Consortium Premium.¹
- cUL.
- FCC CFR 47 Part 15.



LIGHT DISTRIBUTION

CLEAR

Polar Graph
LL-EHB-35K-2-125W-CL-UNV



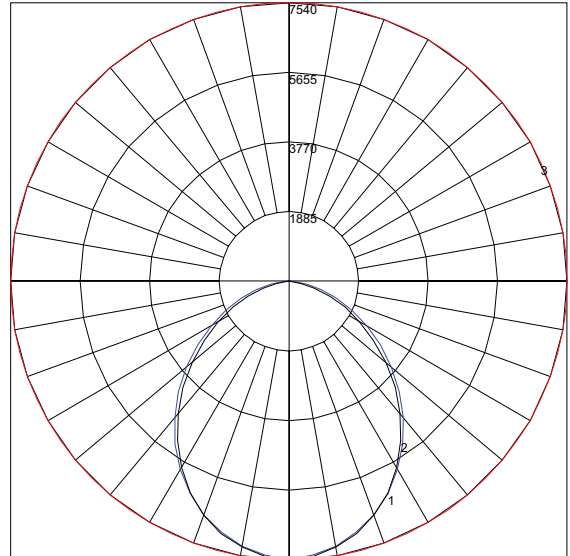
Maximum Candela: 7823

Located at horizontal angle: 0, Vertical angle : 0

- #1: Vertical plane through horizontal angles (0-180)(through max Cd.)
- #2: Vertical plane through horizontal angles (90-270)
- #3: Horizontal cone through vertical angle (0)(through max Cd.)

FROSTED

Polar Graph
LL-EHB-35K-2-125W-F-UNV



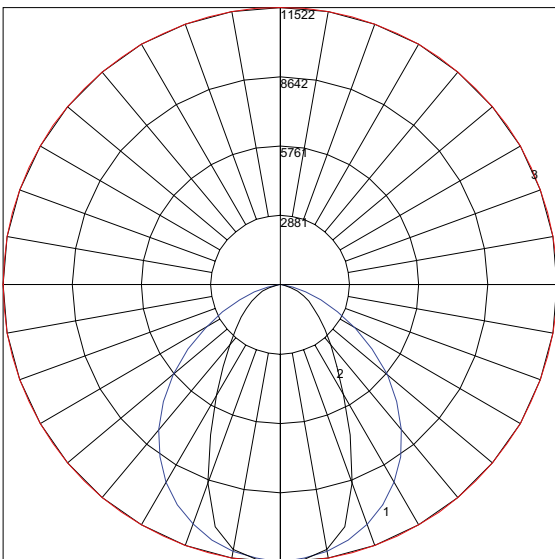
Maximum Candela: 7540

Located at horizontal angle: 0, Vertical angle : 0

- #1: Vertical plane through horizontal angles (0-180)(through max Cd.)
- #2: Vertical plane through horizontal angles (90-270)
- #3: Horizontal cone through vertical angle (0)(through max Cd.)

AISLE

Polar Graph
LL-EHB-35K-2-125W-AL-UNV



Maximum Candela: 11522

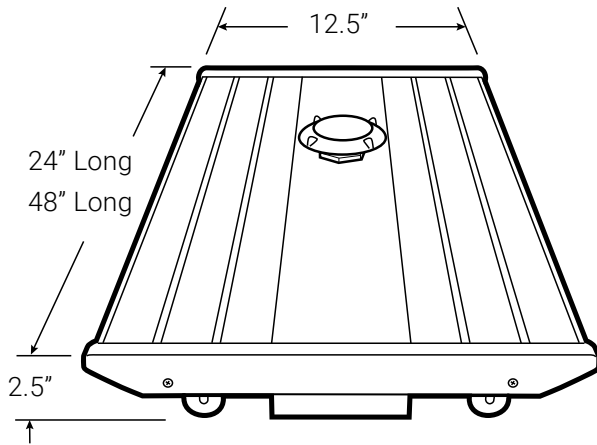
Located at horizontal angle: 0, Vertical angle : 0

- #1: Vertical plane through horizontal angles (0-180)(through max Cd.)
- #2: Vertical plane through horizontal angles (90-270)
- #3: Horizontal cone through vertical angle (0)(through max Cd.)

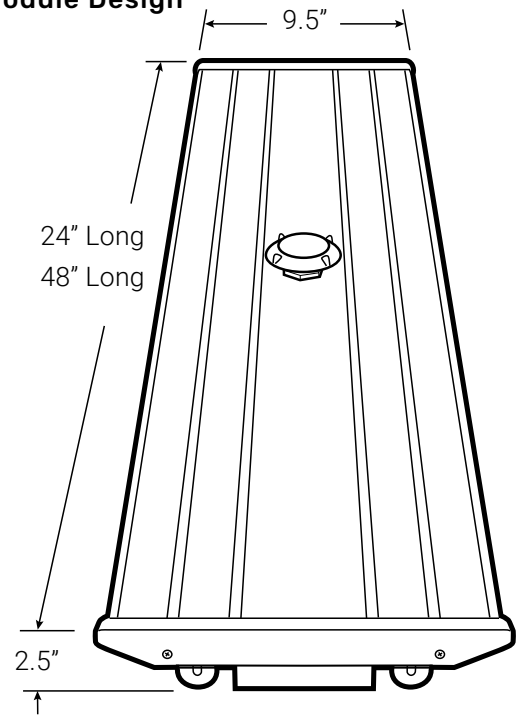
[Download IES Files](#)

DIMENSIONS & DRAWINGS

6-Module Design



4-Module Design



DIMENSIONS

Wattage	Length (in)	Width (in)	Height (in)	Weight (lb)
75W	24"	9.5	2.5	6
100W	24"	9.5	2.5	6
125W	24"	12.5	2.5	8
150W	24"	12.5	2.5	8
175W	24"	12.5	2.5	8
200W	48'	9.5	2.5	11
250W	48'	9.5	2.5	11
300W	48'	12.5	2.5	15
400W	48'	12.5	2.5	15



Winsta Female Connection

MOUNTING OPTIONS



Cable Suspension

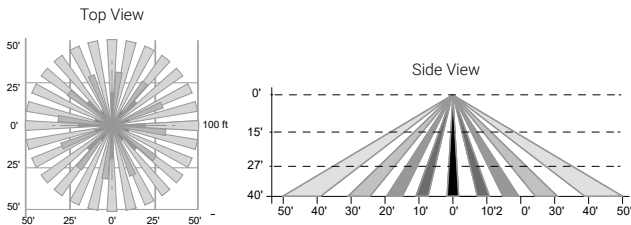


Pendant Mount

OCCUPANCY SENSORS

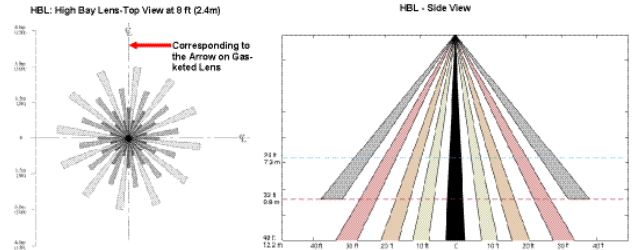
WATTSTOPPER

FSP 201/202



MCWONG

MCW-BLE



FOOTNOTES

1. Check QPL for up-to-date listings.
2. Mounting holes are pre-drilled at the factory. Wire guards shipped separately to be installed in the field. Wire guard works with sensors.
3. Synapse, Daintree and Enlighted are available with extended lead time. Electrical changes and additional components required to make fixture compatible.
4. Requires Enoccean switch, McWong sensor or a gateway for complete functionality.
5. Quick Ship available for standard product with no controls.
6. Contact factory.
7. Not DLC listed.
8. Please provide specific input voltage when specifying UltraLink controls to ensure the correct bill-of-materials. Linmore LED cannot manufacture your UltraLink order without this information.

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All specifications are subject to change without notice. Please visit linmoreled.com for latest information. All values are typical or design values and series averages. Actual performance may differ as a result of end-user environments and applications. Consult Linmore LED with specific inquiries. Copyright © 2023, Linmore LED Labs, Inc. All rights reserved. No part of this document may be reproduced in any form without the prior written permission of Linmore LED.

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