

PROJECT NAME		DATE	
CAT. NUMBER			
NOTES			

SPEC SHEET

# Eliminator High Bay (EHB)

## LED HIGH BAY



### KEY FEATURES

- 11,000 to 71,000 lumens
- Frosted, Clear and Aisle optics available
- Estimated L70 >150,000 hours
- Up to 55°C ambient
- Winsta Female Connection for rapid installation



### 10 Year Warranty

10-year warranty on entire fixture, including the 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.

# TECHNICAL SPECS

Frame Size	5000K - Clear Lens		
	Lumens	Watts	Efficacy
2'	12,787	75	171
2'	16,828	100	168
2'	22,113	125	177
2'	25,568	150	170
2'	28,525	175	163
4'	33,657	200	168
4'	42,350	250	169
4'	51,137	300	170
4'	71,200	400	178

5000K - Frosted Lens		
Lumens	Watts	Efficacy
11,266	75	150
14,810	100	148
19,463	125	156
22,500	150	150
25,108	175	143
29,620	200	148
35,868	250	143
45,000	300	150
64,160	400	160

5000K - Aisle Lens		
Lumens	Watts	Efficacy
12,953	75	173
17,050	100	171
21,950	125	176
25,905	150	173
28,910	175	165
34,100	200	171
42,900	250	172
51,810	300	173
68,800	400	172

Typical lumen output (±10%) at 277V (LV) under 25°C ambient temperature.

## Lumen Multipliers

Allows to calculate the actual lumen output for your application. Apply each multiplier to the lumens of the shaded table.

COLOR TEMP	
CCT	Multiplier
5000	1.000
4100	1.000
3500	0.900

**Example:** How to calculate the actual lumen output of the 22,500 model at 3500K.

- 1) Find the lumens from the shaded column.
- 2) Apply all the corresponding multipliers.

$$\begin{array}{ccccccc}
 22,500 & \times & 0.900 & = & 20,250 \\
 \text{Nominal lumens} & & \text{CCT} & & \text{Actual lumens}
 \end{array}$$

# ORDERING

SERIES MODEL	COLOR TEMP	SIZE	WATTAGE	OPTICS	VOLTAGE	OPTIONS	CONTROLS	
LL-EHB-	<b>50K</b> 5000K	<b>2</b>	<b>75W</b>	<b>CL</b> Leave blank for Clear Optic, comes standard.	<b>UNV</b> Leave blank for UNV 120-277V, comes standard.	If none, leave blank		<b>LEDD</b> Enocan Wireless Module  <b>FSP-201</b> Wattstopper 0-10V dimming sensor, L-7 Lens.  <b>FSP-202</b> Wattstopper ON / OFF sensor, L-7 Lens.  <b>QBM</b> Linmore LED UltraLink.  <b>MCW-BLE</b> UltraLink Bluetooth sensor  Other Wattstopper lenses available. Contact factory.
	<b>41K</b> 4100K		<b>100W</b>			<b>AL</b> Aisle Optic  <b>F</b> Frosted Optic	<b>HV</b> 200-480V	
	<b>35K</b> 3500K  Other CCT available upon request	<b>125W</b>	<b>BBU-25W</b> 25W Battery Backup	<b>SSP</b> 20kA Surge Suppressor, 120-277V				
		<b>150W</b>	<b>WFC</b> Winsta Female Connector	<b>SSPH</b> 20kA Surge Suppressor, 480V				
	<b>175W</b>	<b>WG1<sup>2</sup></b> Wire Guard for 75W and 100W	<b>WG2<sup>2</sup></b> Wire Guard for 125W, 150W and 175W	<b>WG3<sup>2</sup></b> Wire Guard for 200W and 250W	<b>WG4<sup>2</sup></b> Wire Guard for 300W and 400W			
	<b>200W</b>	<b>11SO</b> 11' SO cord	<b>15SO</b> 15' SO cord					
	<b>250W</b>							
	<b>300W</b>							
	<b>400W</b>							

\*Includes 2 fixtures per case.

# ORDERING EXAMPLES

**Standard:** LL-EHB-35K-2-75W

**With Options:** LL-EHB-35K-2-75W-AL-HV-LEDD

## ACCESSORIES (FACTORY INSTALLED)

### CONNECTORS

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

## ACCESSORIES (FIELD INSTALLED)

### MOUNTING

LL-CABS	Aircraft Cable, universal yoke and toggle kit, 6' suspension cable adjustable to 1', sold in pairs
LL-EHB-PDT	EHB Pendant Mount Bracket

### SWITCHES

EO-ESRPB	Enocean switch. Single rocker with Bluetooth®.
EO-EDRPB	Enocean switch. Double rocker with Bluetooth®.
EO-ESRP	Enocean switch. Single rocker.
EO-EDRP	Enocean switch. Double rocker.

# 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.
- **Assembled in USA (optional)**

## 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:** 3500K, 4100K and 5000K standard, other CCT available (extended lead time).
- **CRI:** >70 standard, other CRI available (extended lead time).
- **Lenses:** Clear, Frosted and Aisle lenses.

## MOUNTING

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



## CONTROLS<sup>3</sup>

- **Dimming:** 0-10V standard. Dim to OFF.
- **Sensors:** Compatible with Wattstopper and McWong sensors, and Enocan switches.
- **Networked Control Options<sup>4</sup>:** Compatible with Avi-on networked controls and UltraLink SIG Bluetooth<sup>®</sup> with Mesh Networked Controls<sup>4</sup>.

## WARRANTY

- **Standard:** 10-year warranty on all parts, including the LED driver.

## LISTINGS & CERTIFICATIONS

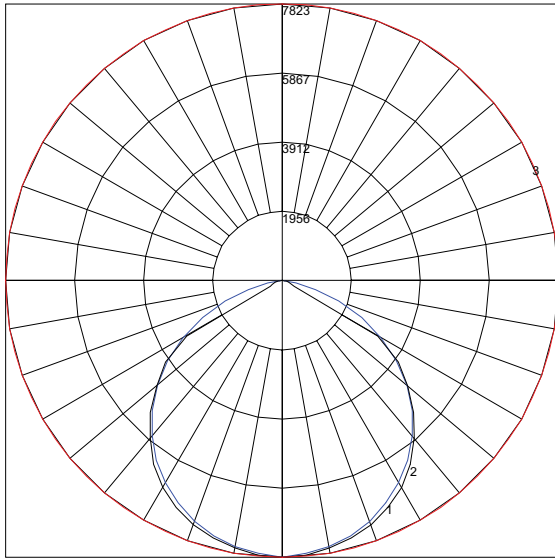
- UL 1598
- RoHS compliant
- DesignLights™ Consortium Premium<sup>1</sup>
- cUL
- FCC CFR 47 Part 15



# LIGHT DISTRIBUTION

## CLEAR

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



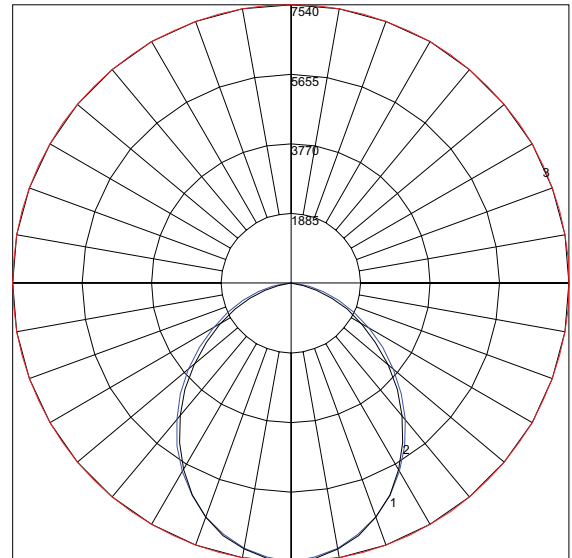
Maximum Candela: 7823

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



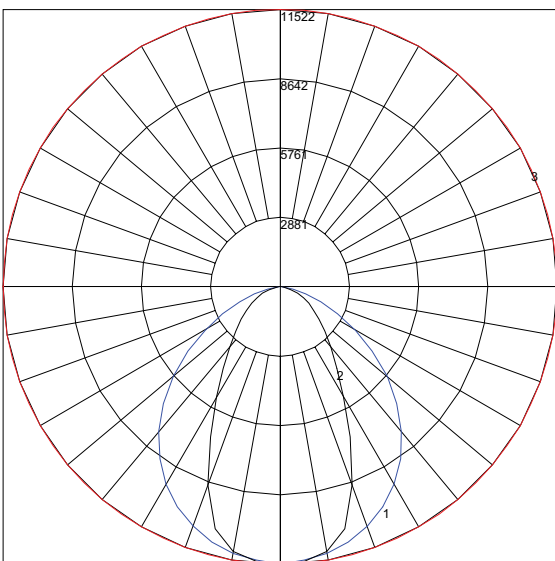
Maximum Candela: 7540

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

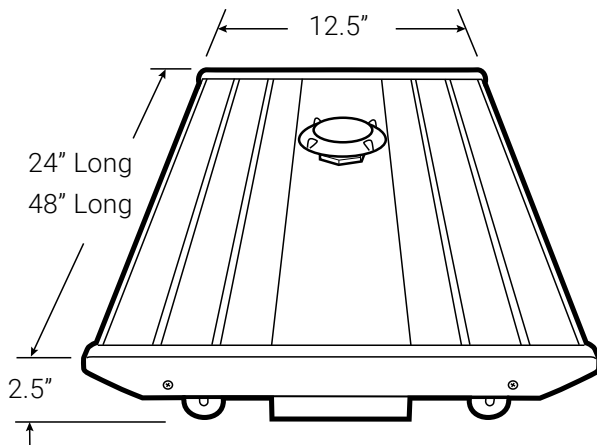
Located at horizontal angle: 0, Vertical angle : 0

- #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.)

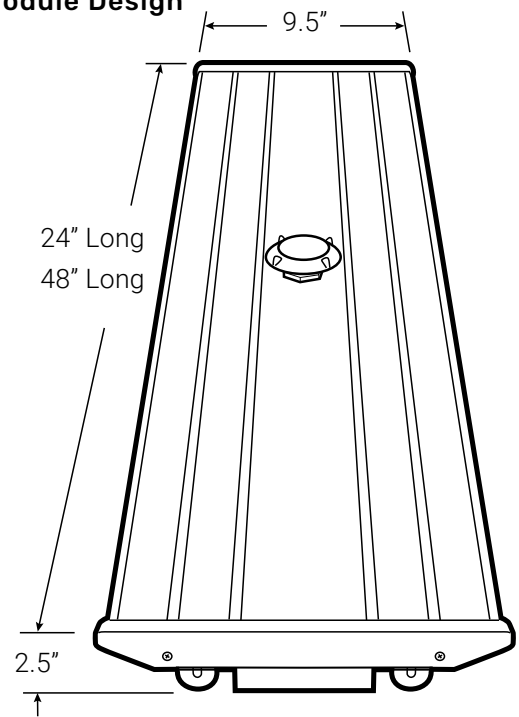
[Download IES Files](#)

# 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**

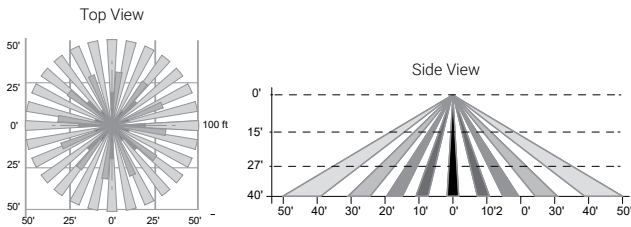


**Pendant Mount**

# OCCUPANCY SENSORS

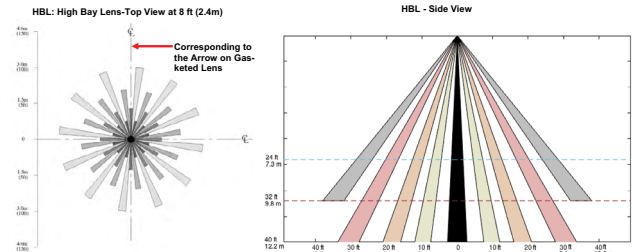
## Wattstopper

### 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 Enocan switch, McWong sensor or a gateway for complete functionality.
5. Quick Ship available for standard product with no controls.
6. Contact your regional sales director.

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