HIGH PERFORMANCE LED LINEAR HIGHBAY

Lumen packages from 12,600 to 40,000 lumens.

Efficacies up to 142 LPW maximize energy savings.

Optional battery backup.

DesignLights Consortium® (DLC) PREMIUM Qualified.

EHB SERIES
HIGH PERFORMANCE LED LINEAR HIGHBAY

The ultra-slim, energy-efficient EHB Series highbay utilizes high efficacy, high-output LEDs to provide over 70% energy savings compared to HID technology. This product is offered in multiple lumen packages optimizing project flexibility for retail, industrial, commercial, manufacturing, warehousing, gymnasium and other large interior spaces with mounting heights up to 50'. The EHB delivers up to 40,000 lumens with a diffused lens and is supplied standard with adjustable aircraft cable mounts but can be stem/pendant mount or suspended with the use of the stem mount kit. The EHB highbay is suitable for ambient temperatures up to 55°C. Options include 347/480VAC, battery backup and occupancy controls.

FEATURES & BENEFITS

- Die-formed steel housing in a white finish
- 90 to 300W models replace up to 10-lamp T5HO or 1000W HID for up to 70% energy savings
- Multiple lumen packages from 12,000 to 40,000 lumens to accommodate a variety of job applications
- Efficacies up to 142 LPW maximize energy savings and utility rebates
- General diffused distribution, 120°
- Available in 4000K and 5000K CCT
- cULus Listed for Damp Locations
- DesignLights Consortium® (DLC) PREMIUM Qualified
- 5' Adjustable cable mount kit included for suspension mount
- Stem/conduit mount box (STMEHB for 130-205W models, STMLHB for 300W models) allows for surface mount installation
- Available Accessories
  Dimming occupancy sensor (TL-MSSW)
  On/off occupancy sensor (TL OCCSNS-120/277)
  Remote occupancy sensors (TL-MSSW-REMOTE)
  Stem/conduit mount box (STMEHB)

SPECS AT A GLANCE
Nominal Wattage

Model	EHB-90	EHB-130	EHB-180	EHB-205	EHB-300
Wattage (W)*	90	130	180	205	300
Lumens (lm)	12,600	18,500	24,500	29,300	40,000
Efficacy (LPW)	140	142	136	138	133
Distribution	General Diffused 120°				
CCT (K)	4000K, 5000K				
CRI	≥80 (205W ≥70)				
Input Voltage	120-277VAC, 50/60Hz, 347/480VAC Option				
Operating Temp	-40°C to 55°C (-40°F to 131°F)				
Certifications	UL Listed for Damp Locations, DLC PREMIUM				
Warranty	5 Years				
Weight	6.8 lbs	10.9 lbs	11.8 lbs	11.8 lbs	22.5 lbs

* Nominal Wattage, tested at 5000K CCT. Values at 120/277VAC.
See performance table for more detailed lumen information.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

ORDERING INFORMATION (Example: EHB-180-D-VS-4K)

Series	Wattage	Distribution	Input Voltage	CCT	Options (Factory Installed)
EHB	90 = 90W	D = General Diffused	HVS[4] = 347/480VAC	4K = 4000K	BB[5] = Battery backup
	130[1] = 130W		VS = 120/277VAC	5K = 5000K	LC6 = 6' Line cord, blunt end (300V)
	180[2] = 180W				LC6T = 6' Line cord, L7-20P plug (300V)
	205 = 205W				LC15 = 15' Line cord, blunt end (300V)
	300[3] = 300W				LC15T =15' Line cord, L7-20P plug (300V)
					MC15 = 15' Line cord (metal clad), blunt end (300V)

Notes

[1] Not available in 4000K CCT	SC = Dimming occupancy sensor (Integral)
[2] 180W-HVS configuration is DLC standard qualified	**Consult specification sheet for available accessories**
[3] Not available in 5000K CCT	
[4] Not compatible with BB or SC options, contact factory for line cords compatible with HVS option	
[5] Consult factory for BB option combined with line cord options	

Specifications are subject to change without notice.
Installation must be performed in accordance with Barron Lighting Group installation instructions.

10840350 MKT-LIT-EHB Rev 2

BARRON lighting group

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