



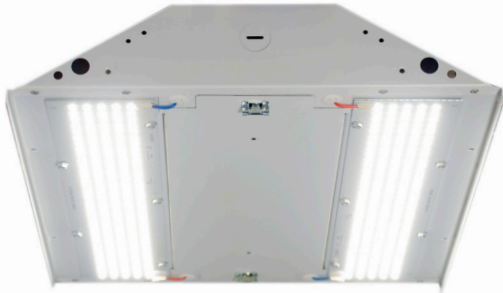
Green Electrical Supply

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Mini High Bay

Value & Performance — You Deserve Both.



Proudly
Designed & Assembled
IN THE USA*

Features

- Full body construction (white finish)
- Long life LEDs
- LEDs available in 4000K and 5000K with CRI>80
- Over 70% lumen maintenance at 100,000 hours
- Suitable for ambient temperature up to 55°C (131°F) for MHBA models. Temperature rating is configuration dependent and detail is provided under performance table.
- Power Factor (PF) >0.9
- Total Harmonic Distortion (THD) ≤ 20%
- Driver standard with 0 – 10V dimming
- Inbuilt surge protection - 6.5kV for MHBA & MHBC, and 2.5kV for MHBB models
- Ideally suited for suspension mounting with optional wire cable hanging kit or chain and V-clips
- Access plate on back of the fixture for quick and easy wiring
- Available options:
 - Clear and Frosted Lens
 - Wireguard
 - Choose Option -M for Title 24 compliance in California
 - Factory Installed Cord/Cordset
- Warranty: 5 years

Project:	
Catalog#:	
Approved by:	

Applications

Warehouse Cafeteria Gymnasium
Manufacturing Facility Auditorium

Description

MHB series highbay fixture offers quality lighting for wide ranging applications and delivers excellent energy savings compared to fluorescent and HID fixtures. This fixture series is available in multiple lumen outputs and is configurable with various options to meet your needs.

Benefits

- Designed for optimal thermal performance and long LED life
- Energy saving compared to HID systems and fluorescent systems
- Exceptional color rendering
- High system efficacy up to 166 Lm/W
- System Designed, Manufactured, Tested, and Approved by Howard Industries in Mendenhall, Mississippi
- Compliant with safety and performance standards

Dimensions: Length: 16", Width: 14", Depth: 3.5"



Visit www.designlights.org for the Qualified Product List



Ordering Information

Series	Configuration	Color	Lens	Input Voltage	Options	Cord Set Options
MHB	C	4K	0	MV	M	05
MHB Mini High Bay	A: 15,500 Lumens, 95W B: 22,500 Lumens, 150W C#: 29,500 Lumens, 195W	4K: 4000K 5K: 5000K	0: No Lens C: Clear Acrylic Lens F: Frosted Acrylic Lens	MV: 120-277V AX: 480V	(Blank): No FIOs A[‡]: Occ. Sensor M[‡]: Microwave Sensor G: Wire Guard S: Surge Protection J: Pendant Mount J-Box U[‡]: Adjustable Output Unit	(Blank): Standard Disconnect 01: 6' SJT 18/3 (no plug) 02: 10' SJT 18/3 (no plug) 03: 6' SJT 18/3 L5-15 twist lock 120V 05: 6' SJT 18/3 5-15 non twist lock 120V 07: 6' SJT 18/3 L7-15 twist lock 277V 09: 6' SJT 7-15 non twist lock 277V

*Foreign and domestic components.

[‡]Lens configurations with MHBC-Series fixtures are not recommended for ambient temperature above 35°C (95°F). Lens option not offered in C-series for 480V construction.

[‡]Not pre-assembled to fixture.

[‡]Choose option -M for Title 24 compliance in California.

[‡]Review AOU position selector guide on page 2 for details. DO NOT combine option -M & -U.

MHB Performance Details

Configuration			Lumen Output		Input Power (W)	Efficacy (lm/W)	Max. Ambient Temperature	L70 (hours)	L90 (hours)	DLC
			5000K; 83CRI	4000K; 83CRI		@5000K CCT				
MHBA	No-Lens	120 - 277V	15,857	15,572	95	166	55°C (131°F)	198,000	55,000	Premium
	Clear		13,721	13,475		144		185,000	54,000	
	Frosted		13,143	12,907		138		198,000	55,000	
	No-Lens	480V	15,965	15,678	99	161		175,000	51,000	Not Listed
	Clear		13,814	13,567		139		198,000	55,000	
	Frosted		13,233	12,995		133		175,000	51,000	
MHBB	No-Lens	120 - 277V	23,013	22,600	149	154	50°C (122°F)	170,000	49,000	Premium
	Clear		19,914	19,438		133		125,000	37,000	
	Frosted		19,075	18,657		128		155,000	45,000	
	No-Lens	480V	23,170	22,754	155	149		120,000	34,000	Not Listed
	Clear		20,050	19,690		129		170,000	49,000	
	Frosted		19,205	18,860		123		125,000	37,000	
MHBC	No-Lens	120 - 277V	29,905	29,443	194	154	45°C (113°F)	145,000	42,000	Premium
	Clear		25,083	24,608		129	Not recommended for ambient above 35°C (95°F)	110,000	34,000	Standard
	Frosted		24,034	23,579		123				
	No-Lens	480V	30,187	29,644	202	149	40°C (104°F)	142,000	41,000	Premium

AOU Position Selector Guide

Input Power* (in percentage of original power)	#8	#7	#6	#5	#4	#3	#2	#1
	100%	92%	81%	70%	59%	49%	39%	28%

*Input power provided for estimation purposes only. Actual usage may vary by ±3%.

Additional Product Images



Accessories



HFA-WCH
Wire Cable Hanging Kit
(2 pcs per kit)



HF-2CV (2 foot)
HF-3CV (3 foot)
Hanging Chains & V-clips



Installation
Instructions



Zip File