



IRONCLAD® MEGA HIGH BAY

The Ironclad® Mega High Bay is a high output modular system that replaces antiquated 750W and 1000W HID lamps in applications with a high ambient temperature rating (up to 149°F/65°C) and is ideal for ceiling heights 40' and above.

Manufactured in America with globally and domestically sourced components



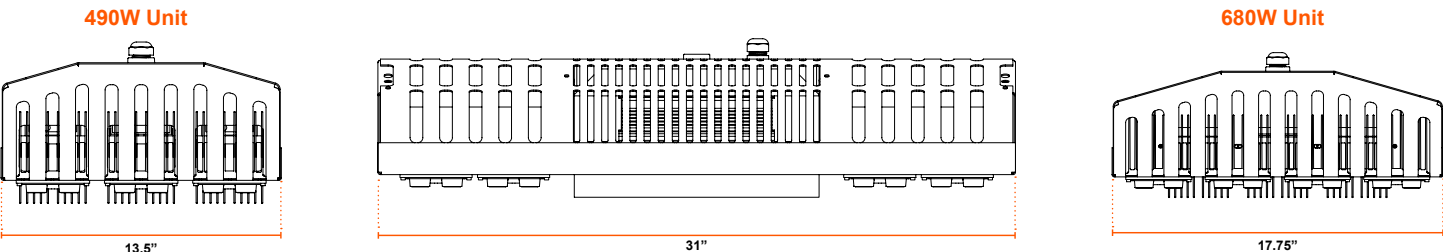
Ordering Chart Information

Example: 490-MB-50-HB-VL-A-06-CM-01-00-00-01

Wattage		Fixture	CCT	Optics		Power Supply		Sensor		Whip		Mount	
490	490W	MB Mega High Bay	50 5000K	HB	High Bay	VL	120-277V	N	None	06	6FT-16GA	CM	Corner Mount
680	680W			TB	Tight Beam	V3	347V	A	Aisle	09	9FT-16GA	AC	Aircraft Cables
				WB	Wide Bay	V4	480V	W	Area	12	12FT-16GA	CT	3/4" NPT Center Top Mount
										13	12FT-12GA	TM	Trunnion Mount
										15	15FT-16GA	AJ	Adjustable Mount
Accessory 1					Accessory 2					Accessory 3			Rev
00	None				00 None					00 None			01
01	5-20P												
02	5-15P												
03	L6-20P												
04	L6-15P												
05	L8-20P												

For accessories not shown or custom plates, please contact customer service at (800) 223-0853.

Dimensional Data



Specifications

CRI: 70

Dimming: 0-10V

Watts: 490W & 680W

Voltage: 120-277V; 347 and 480V

Lumens: 53,420 & 73,400

Color Temperature: 5000K

Operating Temperature: -40°F to 149°F; -40°C to 65°C;

LED Life: Projected: 116,000 hours; L70>51,000 hours

Power Factor: > 0.9

Safety: Cable comes standard

Weight: 56 lbs. (25.4 kg); 67 lbs. (30.4 kg) + 8 lbs for 347/480V transformer

Warranty: 5-year limited warranty. Complete warranty terms located [here](#).

Construction

Excellent ROI: Up to 40% Energy savings and 400% longer life than conventional light sources, yielding a typical return on investment in less than 2.5 years.

Simple Installation: Options for standard corner mount to attach via chains, heavy duty aircraft cables, or center top mount for 3/4" NPT hook, pendant, etc.

Aggressive Thermal Management: Vented construction allows for optimal heat dissipation, extending the life of the electronics in high temperature applications.

Optics

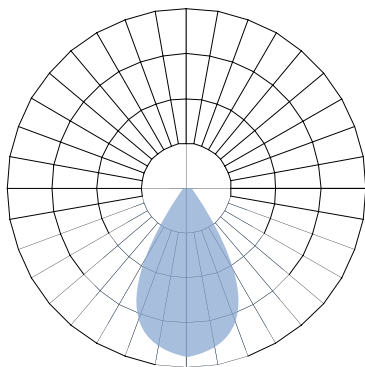
Available with high bay optics for general illumination, wide bay for aisle or warehouse lighting or tight beam for concentrated light distribution.

*Maximum mounting height for occupancy sensors is 45', and max ambient temperature for occupancy sensor is 55°C. Refer to online configurator available for accessories.

Applications

Processing Plants, Manufacturing, Packaging Plants, Warehouses, Hangars, Industrial Facilities & Cold Storage

Photometric Data



236W-5000K Indoor Report

- Maximum Candela = 68957
- Luminaire Lumens = 72170

Photometric Data - HB (High Bay)

Watt	Lens Material	CCT	Lumens	Description	IES File
490W	PC	5000K	53084	490W MEGAHIGHBAY - 5000K CCT - HB	490MB50-HB-VL
680W	PC	5000K	72173	680W MEGAHIGHBAY - 5000K CCT - HB	680MB50-HB-VL

Photometric Data - TB (Tight Beam)

73608	Lens Material	CCT	Lumens	Description	IES File
490W	PC	5000K	53951	490W MEGAHIGHBAY - 5000K CCT - TB	490MB50-TB-VL
680W	PC	5000K	73608	680W MEGAHIGHBAY - 5000K CCT - TB	680MB50-TB-VL

Photometric Data - WB (Wide Bay)

Watt	Lens Material	CCT	Lumens	Description	IES File
490W	PC	5000K	53706	490W MEGAHIGHBAY - 5000K CCT - WB	490MB50-WB-VL
680W	PC	5000K	73249	680W MEGAHIGHBAY - 5000K CCT - WB	680MB50-WB-VL

Shipping Dimensions

Product	Length	Width	Height	Weight
MEGA HIGH BAY	22.5"	19.5"	10.5"	70 lbs