

High Bay Multi-Bay 20" Series

ORDERING INFORMATION

Catalog Number: Example: MBH201000MAJ-4

MBH					
FIXTURE					
MBH- Open High Bay	REFLECTOR SIZE 20-20"	WATTAGE 400-400W 1000-1000W	LAMP SOURCE MA-Metal Halide (HPF-CWA)	OPTIONS A-Hot/Cold start B-Hot/Cold start C-Switch-on auxiliary D-Switch-on auxiliary F-Fusing G-Fusing J-Wiring K-Wiring Z-Bi-Level OR-Open rated	VOLTAGE 1-120V 2-208V 3-240V 4-277V 5-480V 8-120V 208V 240V 277V
MBE- Enclosed High Bay					
MBS- Enclosed unit without dustcover					

*Requires open-rated lamp or enclosed optics.

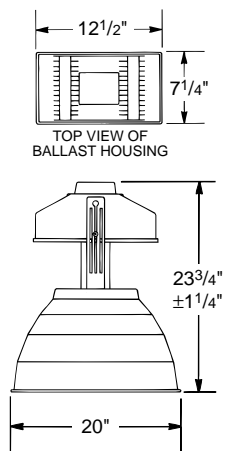


PRODUCT SPECIFICATIONS

- High Bay fixtures are ideal for indoor applications where ceiling mounting heights exceed 15 feet. Typical applications include warehouse facilities, assembly areas, gyms, hangars, transportation garages, loading and staging areas.
- Universal light-weight, easy to handle die-cast aluminum ballast housing finished in Duraplex II gray polyester powder.
- Unique ballast housing design permits full flow-through ventilation for maximum cooling of all components.
- Heavy-gauge diffuse anodized aluminum reflector locks on adjustable straps for field adjustment of optics from wide to narrow distribution.
- Enclosed units use a formed dust cap to protect lamp and reflector from dust and grime.
- Enclosed units contain a clear heat-tempered glass lens retained by stainless steel spring clamps and safety cable.
- Rugged die-cast mounting plate tapped 3/4"-14 NPS, accepts 3/4" pipe or 714S, 715NEW, and 725S hooks.
- Unit slips onto mounting plate leaving both hands free for wiring.

TECHNICAL INFORMATION

Multi-Bay High Bays use mogul base clear lamps. Lamps available but not supplied with fixture. Metal Halide 1000W units use BT56. For open air applications only up to 55° Celsius ambient.



OPTION DETAILS

- A-**Hot and cold start auxiliary external 150W medium base PAR lampholder, used until HID lamp reaches 70% of brightness.
- B-**Hot and cold start auxiliary interior 250W Bayonet base, used until HID lamp reaches 70% of brightness.
- C-**Switch-on auxiliary external 150W medium base PAR lampholder operating from secondary 120V source when HID circuit is "knocked out" by momentary voltage drop.
- D-**Switch-on auxiliary interior 150W DC Bayonet base, operating from secondary 120V source when HID circuit is "knocked out" by momentary voltage drop.
- F-**Heavy duty fuse in external holder for 120V, 277V, single
- G-**Heavy duty fuse in external holder for 208V, 240V, 480V, double
- J-**3' 3-conductor approved cable (16-3) with 15 amp Twist plug with proper NEMA configuration, includes open-loop hook.
- K-**3' 3-conductor approved cable (16-3) with 20 amp Twist plug with proper NEMA configuration, includes open-loop hook.
- Z-**Bi-Level high/low switching of HID lamps for maximum energy savings.

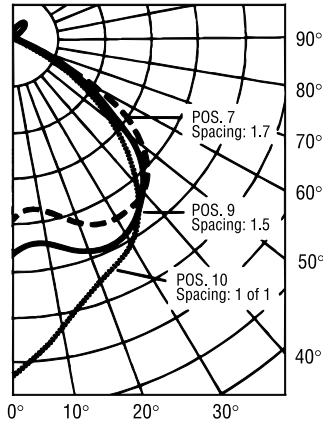
Accessories - See page 4-A



UL Damp Location Listed.
UL File Number: E86021

PHOTOMETRICS

See page 4-C for complete CU tables



MBH201000MA
 Lamp: 1000W Metal Halide, Clear
 Lumens: 110,000
 I.T.L. Report #'s 26388, 26389, 26390

CANDLEPOWER DISTRIBUTION						
Deg.	Reflect. Post. #7		Reflect. Pos. #9		Reflect. Pos. #10	
	CP	Lumens	CP	Lumens	CP	Lumens
0	24990	590	30160	710	47870	1120
5	24490	1740	28940	2040	44380	3010
15	25520	4350	29000	4840	37740	6130
25	28350	7290	30000	7580	33950	5490
35	27890	9280	28670	9350	28720	9090
45	25450	9860	24460	9270	21980	8130
55	18470	7150	16350	6190	12150	4250
65	6980	2190	5080	1590	2630	1000
75	1340	540	1030	400	720	260
85	310	120	150	40	100	20
90	190	110	50	30	30	30
95	220	140	100	80	120	110
105	360	200	250	130	330	130
115	360	160	270	120	270	130
125	240	110	110	50	160	80
135	290	120	200	90	330	150
145	510	180	460	230	1380	640
155	1870	450	2140	440	2520	500
165	1160	40	1020	30	1160	30
175	1020	0	0	0	0	0
180	0	0	0	0	0	0

SUGGESTED SPECIFICATIONS

Fixture shall be indoor heavy-duty luminaire, HID fixtures shall include integral constant wattage high power factor autotransformer ballast (specify voltage, wattage, source) securely clamped in die-cast aluminum housing. Capacitors are nested within integral "outboard" pods. Vented "air-flow" construction isolates heat-sensitive capacitors from heat-generating core.

Fixture shall be equipped with deluxe glazed porcelain socket with nickel plated

vibration proof "lamp-grip" socket and spring-loaded center contact.

Fixture shall be supplied with 20" rigid heavy-gauge diffuse anodized aluminum reflector for use with clear lamps. Reflector locks on adjustable straps slotted with cast-in numbered positions for field-choice of proper reflector position for maximum lighting efficiency. Reflector positioning is labeled to outside of reflector.

Enclosed fixtures shall be supplied with

formed aluminum dust cap adjusts for varying reflector positions and protects lamp and reflector from dust and grime. Redirects up-light downward. Clear heat-tempered glass lens (enclosed units) cushioned in gasketed frame. Retained by stainless spring-clamps and safety bead-chain. (Specify optional features desired.)

Fixtures shall be UL-listed as "suitable for damp locations".

Fixture shall be Stonco Cat. No. (specify) with reflector set in position no. (specify).