



HB-2100LW

100W ICE BREAKER LED HIGH BAY

BEAM ANGLE: 100°

INPUT VOLTAGE: AC100-277V ~ 50/60Hz

POWER SUPPLY: Integral Driver

POWER FACTOR: >0.9

LIFETIME: ≥ 70,000hrs

AMBIENT OPERATING TEMPERATURE: -13°F ~ +113°F



IK09

Housing: The body of Ice Breaker High Bay series is made of aluminum with a high ingress protection (IP) rating to guard it from dust or water entering or impacting the fixture. The polycarbonate or tempered glass diffuser has a high-impact resistance, factoring into a high impact resistance rating (IK), and protects the LEDs from any contact with external factors (e.g. sports balls, mechanical equipment, etc.).

Mounting Options: Available options include the standard eye bolt, as well as stiff-arm mount in order to adapt to other mounting requirements.

Electrical: The Ice Breaker High Bay comes standard with a high-performance, replaceable driver that goes from 100-277V, power factor of 90%+. 0-10V dimming standard. Also can come with a high voltage driver, 347-480V.

Warranty: Five (5) year warranty on entire system. For more details on warranty conditions, please contact factory.

Lumen Maintenance: The lumen packages are rated for 70,000+ hours (L_{70}).

Certifications: UL certified to UL1598. DLC listed (for Universal Voltage, 100-277V).

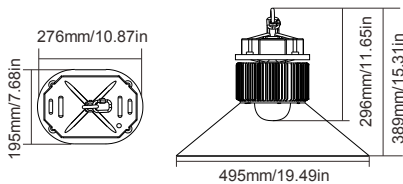


ORDERING GUIDE

MODEL	WATTAGE	DIMMING	BEAM ANGLE	CRI	CCT	VOLTAGE	REFLECTOR	FINISH
HB-2	100LW	N	W	8	50	U	MPR	BK
	100LW 100W	D 0-10V	W 100 DEGREE	8 ≥80	30 3000K	U 100-277V	MPR EMPIRE	BK BLACK
		N NO DIMMING			40 4000K	H 347-480	BEL BELL-SHAPED	
					50 5000K		ACR CLEAR ACRYLIC	

DIMENSIONS

Top & Side View

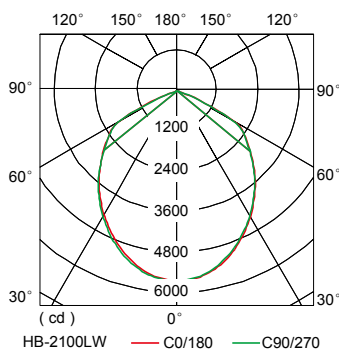


ENERGY DATA

	POWER	LUMENS	EFFICACY
100° BEAM ANGLE	100W	12,484 lm	122 lm/W

PHOTOMETRICS

100° BEAM ANGLE
Light Distribution Curve



Illuminance Distribution

HB-2100LW		
1/3. 3	5563/516.8	242/95
2/6. 6	1391/129.2	484/191
3/9. 8	618/57.42	725/285
4/13. 1	348/32.3	967/381
5/16. 4	223/20.67	1209/476
6/19. 7	155/14.36	1451/571
7/23	114/10.55	1692/666
8/26. 3	87/8.08	1934/761
9/29. 5	69/6.38	2176/857
10/32. 8	56/5.17	2418/952
11/36. 1	46/4.27	2660/1047
12/39. 4	39/3.59	2901/1142
13/42. 7	33/3.06	3143/1237
14/45. 9	28/2.64	3385/1333
15/49. 2	25/2.3	3627/1428
H(ft)	E(lx/ft)	D(cm/in)

REFLECTORS

	Empire Reflector 100° 1.32lb 0.6kg
	Bell-shaped Reflector 60° 1.54lb 0.7kg
	Clear Acrylic Reflector 72° 1.76lb 0.8kg