



LED HIGH BAY (HB06)

Applications:

Suitable for commercial, retail and institutional applications including gymnastics, factories and warehouses.

FEATURES

Construction:

- Die-cast aluminum housing casting thermally conducts LED heat to optimize performance and extends life of the light
- With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to any setting

Optics:

- Selectable CCT can be changed to three CCTs (3000K, 4000K, 5000K) or two CCTs (4000K, 5000K) in the field
- Selectable Lumen Packages from 6,400 to 37,000 Lumens
- Anti-UV prismatic translucent lens is designed to shape the light uniformity and glare control

Electrical:

- Universal 120-277VAC, 120-347VAC, 347/480V input voltage
- 0-10V dimming standard for a dimming range of 100% to 10%
- PF >90%, THD <20%, 6KV surge protection
- Operating Temperature Range: -40°C to 50°C (-40°F to 122°F)
Note: Operating with emergency battery temperature range: 5°C to 50°C (+41°F - + 122°F)

Control:

- Optional Occupancy sensor or Microwave sensor or daylight sensor
- Optional Bluetooth sensor or Bluetooth controller
- Silair Luminaire Level Lighting Control (LLLC) optional
- Sharkward Luminaire Level Lighting Control (LLLC) optional
- Compatible with 3rd party smart network control system
- Optional Emergency Battery Backup
- Standard sensor receptacle

Mounting:

- Hook mount (default)
- Pendant mount (no additional adapter is required for installation)
- Surface mount (sold separately)

Lifespan:

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Warranty:

- Five-year limited warranty



100W/160W

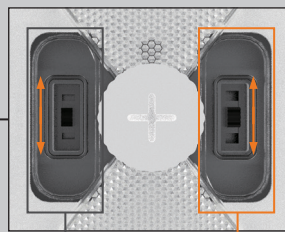
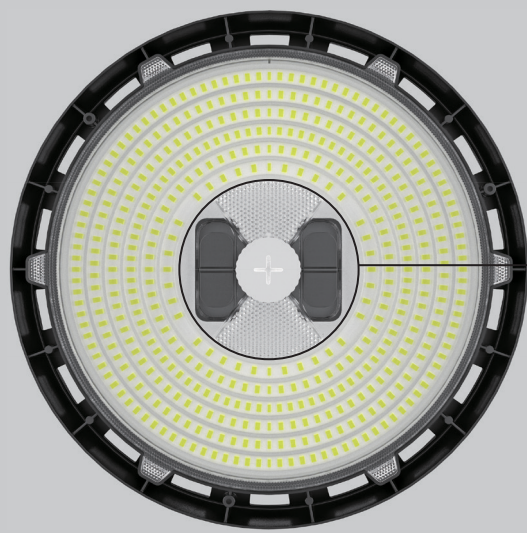


210W



240W





SELECTABLE CCT AND WATTAGE

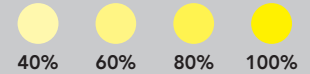
This fixture has the function of adjusting the lumens output and color temperature in the field.

CCT SELECT



Selectable CCT (3000K, 4000K, 5000K) or two (4000K, 5000K)

WATTAGE SELECT



Selectable wattage: 100%, 80%, 60%, 40%

PERFORMANCE DATA

HB06-100W

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	14500lm	145 lm/W	15300lm	153 lm/W	15000lm	150lm/W
80%	80W	12000lm	150 lm/W	12600lm	158 lm/W	12400lm	155 lm/W
60%	60W	9300lm	155 lm/W	9800lm	163 lm/W	9600lm	160lm/W
40%	40W	6400lm	160 lm/W	6700lm	168 lm/W	6600lm	165 lm/W

HB06-160W

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	160W	26200lm	164 lm/W	27500lm	172 lm/W	27000lm	169 lm/W
80%	128W	21600lm	169lm/W	22700lm	177 lm/W	22300lm	174 lm/W
60%	96W	16700lm	174lm/W	17500lm	182 lm/W	17200lm	179 lm/W
40%	64W	11500lm	179lm/W	12000lm	187 lm/W	11800lm	184 lm/W

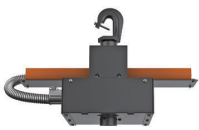
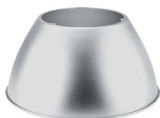
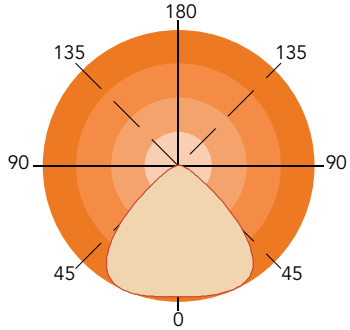
HB06-210W

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	210W	30100lm	143 lm/W	31000lm	148 lm/W	30200lm	144 lm/W
80%	168W	24900lm	148 lm/W	25700lm	153 lm/W	25000lm	149lm/W
60%	126W	19300lm	153 lm/W	20000lm	159 lm/W	19400lm	154 lm/W
40%	84W	13300lm	158 lm/W	13700lm	163 lm/W	13400lm	159 lm/W

HB06-240W

SETTING	SYSTEM WATTS	3000K (80CRI)		4000K (80CRI)		5000K (80CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	240W	34800lm	145 lm/W	37000lm	153 lm/W	36000lm	150 lm/W
80%	192W	28800lm	150 lm/W	30300lm	158 lm/W	29800lm	155 lm/W
60%	144W	22300lm	155 lm/W	23500lm	163 lm/W	23000lm	160 lm/W
40%	96W	15400lm	160 lm/W	16100lm	168 lm/W	15800lm	165 lm/W

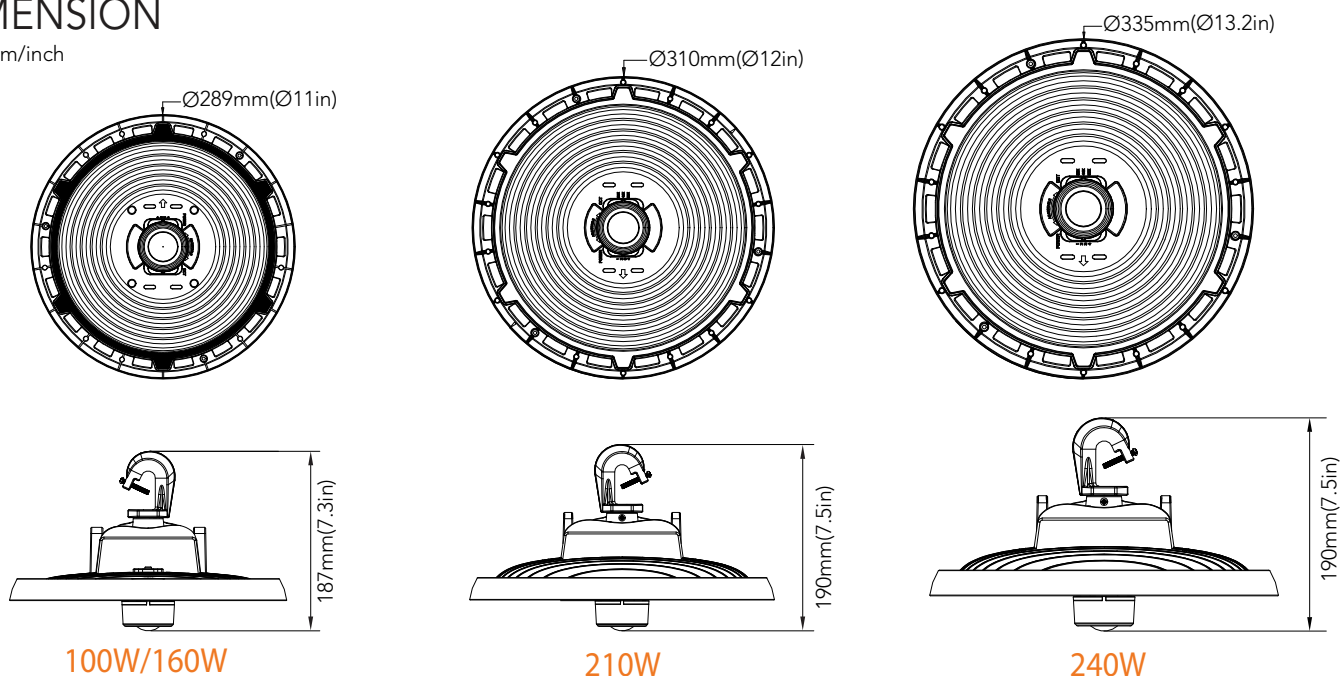
ACCESSORIES (Optional)

			
Emergency Battery 25W 3500lm 90min, suit for 210W, 240W. 15W 2000lm 90min, suit for 100W,160W	Plug-and-Play PIR Sensor PIR sensor: MSANT12VPH01 Bluetooth PIR sensor: MSANT12VPHB01	Plug-and-Play Microwave Sensor Microwave sensor: MSANT12VMH01 Bluetooth microwave sensor: MSANT12VMH01	U-Bracket Use for surface mount
 Aluminum Reflector 	 Pc Reflector 	PHOTOMETRICS 	

Note: Main Stocking sensor's SKU: MSANT12VPHB01.

DIMENSION

unit: mm/inch



ORDERING GUIDE

Example: AO-HB06-100-LV-DDK-B-M-B-AD-3

Fixture Type AO-	Wattage 	Voltage 	CCT 	Finish 	Sensor (Option) 	Emergency Battery (Option)	CCT and Power Adjustable 	Internal Code
HB06 High Bay Series	100 100W 160 160W 210 210W 240 240W	LV 120-277V MV 120-347V HV 347-480V	DDK Adjustable color temperature	B Black D Dark Bronze W White	M With Sensor Blank Without Sensor	B With Emergency Battery Blank Without Emergency Battery	AD With Adjustment Dial Blank Without Adjustment Dial	Blank Alphanumeric 2 With 2 CCTs Dial 3 With 3 CCTs Dial

Actual performance may differ as a result of end-user environment and application. All values are design or calculated values measured in laboratory conditions. Specifications subject to change without notice.



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