

MGO-3 SERIES

LED HIGH BAY



Project:	
Type:	
Catalog #:	



67W&97W



140W



180W&215W

Features

- Sealed die-casting profile for indoor and outdoor applications.
- Universal voltage of 120-277V&347-480V.
- 1-10V dimming standard for a dimming range of 100% to 10%.
- Best choice for replacing 250W MH and 400W MH.
- Above 80 color rendition index compared to HPS.
- Increase energy savings with bi-level motion sensor.
- Optional emergency battery to serve in accidental situation.
- Operating temperature is -40 °C to 50 °C (-40 °F to 122 °F).
- Hook mount, pendant mount and surface mount available.



PERFORMANCE DATA

SYSTEM WATTS	PHOTOMETRY	VOLTAGE	4000K(80CRI)		5000K(80CRI)	
			LUMENS	LPW	LUMENS	LPW
67W	High Bay	120-277VAC	9100lm	136lm/W	9100lm	136lm/W
97W	High Bay	120-277VAC	12300lm	127lm/W	12300lm	127lm/W
140W	High Bay	120-277VAC/347-480V	17500lm	125lm/W	17500lm	125lm/W
180W	High Bay	120-277VAC	24500lm	136lm/W	24500lm	136lm/W
215W	High Bay	120-277VAC	30000lm	140lm/W	30000lm	140lm/W

ORDERING GUIDE

Example: MGO-3-140W27V50KB

Fixture Type	Wattage		Voltage		CCT		Finish	Sensor (Option)	Backup Battery (Option)	Internal Code
MGO-3	67	67W	27V	120-277V	40K	4000K	B Black	M With Sensor	B Emergency Battery	Blank
High Bay Series	97	97W	48V	347-480V	50K	5000K	D Dark Bronze	Blank	Blank	Alphanumeric
	140	140W					W White	Without Sensor	Without Emergency Battery	
	180	180W								
	215	215W								

Note: 1. 67W, 97W, 180W and 215W are only for 120-277V.

2. Emergency Battery is not available for 180W and 215W.

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	1080	67	120	0.56
		67	208	0.32
		67	240	0.28
		67	277	0.24
1	2500	97	120	0.81
		97	208	0.47
		97	240	0.40
		97	277	0.35
2	3300	140	120	1.17
		140	208	0.67
		140	240	0.58
		140	277	0.51
	3400	140	347	0.40
		140	480	0.29
1	930	180	120	1.50
		180	208	0.87
		180	240	0.75
		180	277	0.65
1	1065	215	120	1.79
		215	208	1.03
		215	240	0.90
		215	277	0.78

DIMENSION

unit: inch/mm

Weight:

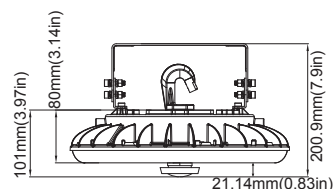
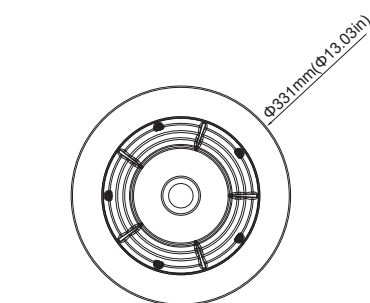
67W: 5.71 lbs(2.59kg)

97W: 5.95 lbs(2.7kg)

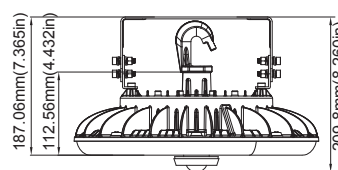
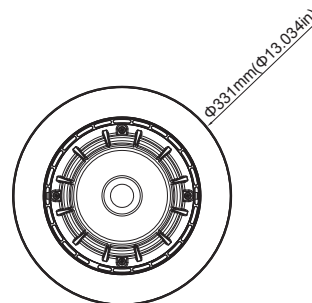
140W: 6.00 lbs(2.723kg)

180W: 6.61 lbs(3.0kg)

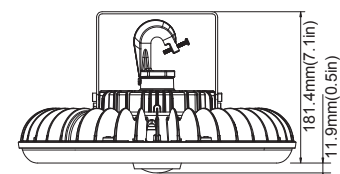
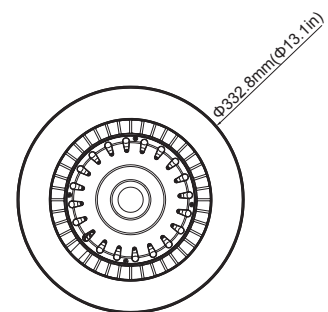
215W: 6.61 lbs(3.0kg)



67W&97W



140W

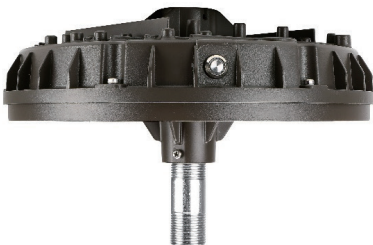


180W&215W

ACCESSORIES



Motion Sensor
Integrated motion sensor available for on/off and dimming control for maximum energy savings.



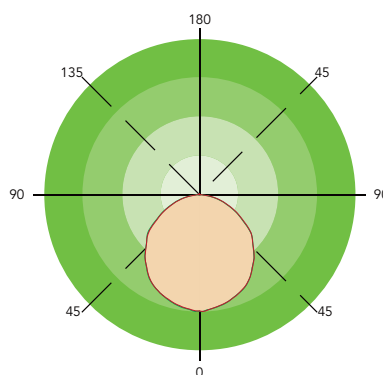
Emergency Box
Emergency battery pack would provide the necessary brightness in emergency situations. Applicable ambient temperature is 10 °C (50 °F) to 40 °C (104 °F).



U-bracket
Use for surface mounting application. Available to adjust the angle of MHB06 to control the direction of irradiation. Two sizes for choosing to adapt two different struct.

PHOTOMETRICS

General



DLC Model NO.

SYSTEM WATTS	VOLTAGE	CCT	LED NO.	DLC NO.	DLC Classification
67W	120-277V	4000K	2835	MHB0667W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
		5000K	2835	MHB0667W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
97W	120-277V	4000K	2835	MHB0697W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
		5000K	2835	MHB0697W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
140W	120-277V	4000K	2835	MHB06140W27V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
		5000K	2835	MHB06140W27V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
	347-480V	4000K	2835	MHB06140W48V40K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard
		5000K	2835	MHB06140W48V50K[B,D,W][Blank,M][Blank,B][Blank,A-Z,a-z,0-9]	standard

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