

Features and Specifications

Application – Lighting for airport, yard, seaport, sport stadium, cross roads and parking lot. Available to replace traditional MH or HPS lamp up to 1000W.

Construction – High efficiency extrude aluminum A6063 with pure aluminum head sink fins in EPD finish provides perfect heat management to guarantee long life of the LED.

Modular design optimizes construction and assembly, allows for easy maintenance, upgrade and SKD purchasing for local assembly.

Constant current driver is isolated away from the heat source of the LED, keeps the stability and performance of the driver for long life.

SUS304 mounting bracket allows for strength and environmental protection, the tough bolts were offered for the free angle adjustment to optimize the target illumination.

Unique junction box is applied for easy wiring connection and IP65 proofed.

IP65 (EN60529 compliant) rated to the luminaire

LED & Optics - Eutectic led packaging technology is applied for low heat resistance, low light degradation, high efficiency and long life (Projected L70>50000h @ Ta 25C). High efficiency Pure white (5000-5800K) & Warm white (4000-4500K) with CRI 70 rated or customized CCT LED are available.

Precise optic lens in high intensity PC material with professional light distribution design provides high uniformity and optimal luminaire spacing, the optical system optimizes the light distribution, eliminate the waste of light, increase the reasonable and effective using of light.

Electronics - Universal driver is available in 100-240Vac, 50/60Hz, power factor > 90% and THD <20%.

IP67 waterproof driver with over current, over voltage, and short circuit protection.

Listings - CE pending, RoHS compliant

Warranty - 5 years limited

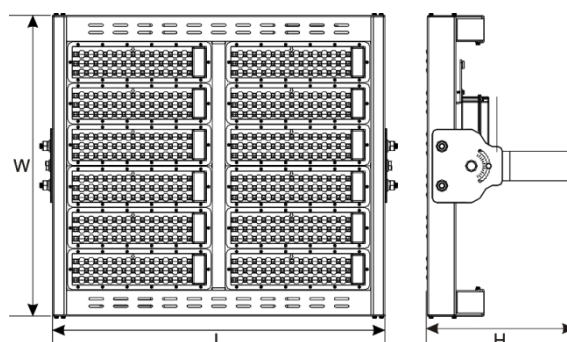
Note: all specifications subject to change without notice.

**BBELED® High Mast Light
HM™ series**



**100-240Vac 50/60Hz
5000-5800K / 4000-4500K
CRI 70 rated
Up to 110LPW
PF>0.9, THD<20%**

**Projected L70>50000h @ Ta 25° C (77° F)
Work Temp.: -30~50° C (-22~122° F)**



Dimension & Weight

dimension is in mm (inch), kg(lb)

	HM3	HM6-V	HM6-H	HM12
L	360(14.2")	360(14.2")	677(26.7")	677(26.7")
W	315(12.4")	565.5(22.3")	315(12.4")	611.4 (24.1")
H	260(10.2")	260(10.2")	299(11.8")	299(11.8")
Weight	8.4(18.5lb)	12(26.5lb)	12(26.5lb)	20.5(45.2lb)
Shipping data				
CBM	0.062	0.094	0.110	0.156
G.W.	10.1(22.3lb)	13.7(30.2lb)	14.4(31.7lb)	24.0(52.9lb)

Ordering information:

Example: HM12-EPW4SL1

Series	#of Module	-	Voltage	CCT	Optics	LED Bin	-	Options
HM	3	-	E	PW	4S	L1	-	
HM	3 6 12		E: 100-240Vac	NW: 4000-4500K PW: 5000-5800K	4S: Type 4S	L1: Level 1 (standard) L4: Level 4 (hi-efficiency)		V ¹ : Vertical mounting H ¹ : Horizontal mounting

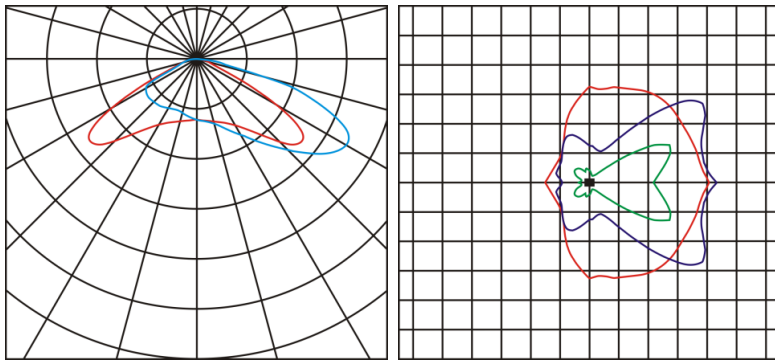
*Consult your sales representative for the options and the lead time will be varied depending on the options selected.

1. Only available for HM6

Electrical Data:

	Number of LEDs	LED drive current(mA)	Rated Power(W)	Total Current (Amp)			
				120V	220V	230V	240V
HM3	108	350	150	1.125	0.621	0.599	0.577
HM6	216	350	250	2.27	1.22	1.17	1.13
HM12	432	350	500	4.33	2.34	2.24	2.16

Optical & Photometric



4S is designed per IESNA Type IV

Cat No.	CCT	Power (W)	Initial Lumen (lm)	Efficiency (LPW)	Optics	LED level	IES file	IES Date (MM/DD/YY)
HM3-EPW4SL1	5000-5800K	130	12886	99	4S	L1	HM3-EPW4SL1.ies	03/24/14
HM3-EPW4SL4	5000-5800K	130	13840	106	4S	L4	HM3-EPW4SL4.ies	04/28/14
HM3-ENW4SL1	4000-4500K	130	11941	92	4S	L1	HM3-ENW4SL1.ies	04/24/14
HM3-ENW4SL4	4000-4500K	130	13763	106	4S	L4	HM3-ENW4SL4.ies	04/29/14
HM6-EPW4SL1	5000-5800K	252	25098	100	4S	L1	HM6-EPW4SL1.ies	03/24/14
HM6-EPW4SL4	5000-5800K	252	27029	107	4S	L4	HM6-EPW4SL4.ies	04/28/14
HM6-ENW4SL1	4000-4500K	252	23266	92	4S	L1	HM6-ENW4SL1.ies	04/24/14
HM6-ENW4SL4	4000-4500K	252	26944	107	4S	L4	HM6-ENW4SL4.ies	04/29/14
HM12-EPW4SL1	5000-5800K	504	50197	100	4S	L1	HM12-EPW4SL1.ies	03/24/14
HM12-EPW4SL4	5000-5800K	504	54059	107	4S	L4	HM12-EPW4SL4.ies	04/28/14
HM12-ENW4SL1	4000-4500K	504	46532	92	4S	L1	HM12-ENW4SL1.ies	04/24/14
HM12-ENW4SL4	4000-4500K	504	53888	107	4S	L4	HM12-ENW4SL4.ies	04/29/14

*the above data is based on BBELED lab test result, and is kept updating, changes will be not informed.

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