



MARS LED

LED Highbay Datasheet — Mars Series

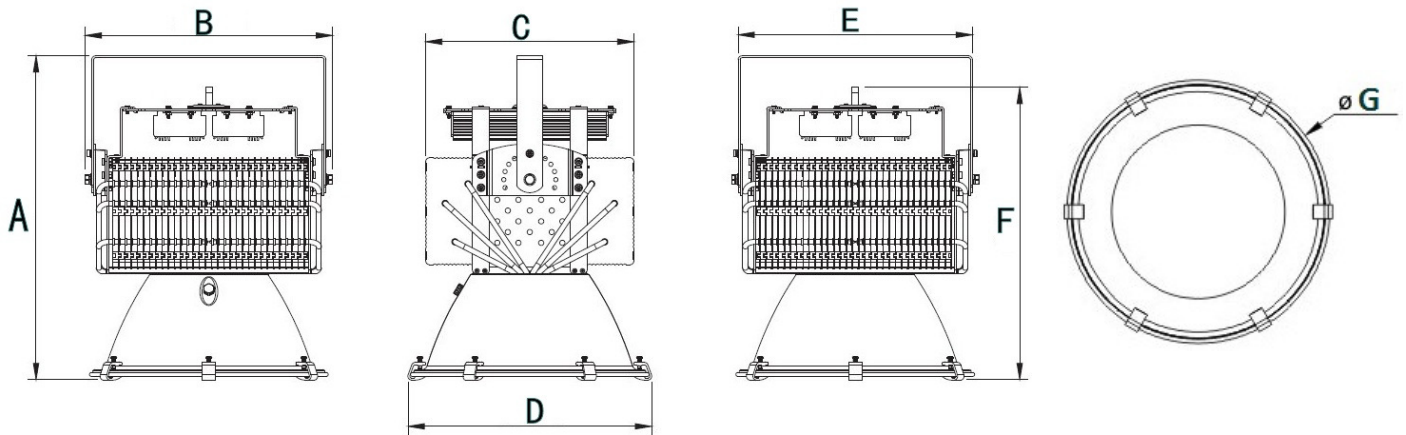
1. My photos



2. My Specification

Model	Power	LED		Driver		More Specification
		Qty	Brand	Qty	MW Model	
DK-HB-C100	100W	50pcs	CREE X-PE	1pc	HLG-100H-36A	Voltage: AC85-265V CRI: Ra>80 PF: >0.97 Beam Angle: 45°/60°/90° Lamp Color: Black Shell Material: Aluminum + Copper Pipe Power Wire: 3*1.0mm ²
DK-HB-C120	120W	75pcs	CREE X-PE	1pc	HLG-120H-36A	
DK-HB-C150	150W	75pcs	CREE X-PE	1pc	HLG-150H-36A	
DK-HB-C200	200W	100pcs	CREE X-PE	1pc	HLG-240H-36A	
DK-HB-C300	300W	160pcs	CREE X-PE	1pc	HLG-320H-36A	
DK-HB-C400	400W	200pcs	CREE X-PE	2pc	HLG-240H-36A	
DK-HB-C500	500W	220pcs	CREE X-PE	2pc	HLG-240H-36A	

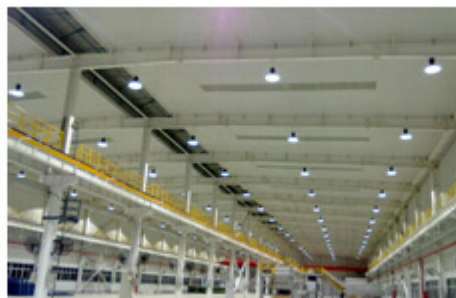
3. Product Size



Rated wattage	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
100W	459±5	246±5	260	374±5	246	410	367
120W	467±5	266±5	260	374±5	246	410	367
150W	459±5	323±5	260	374±5	303	410	367
200W	467±5	266±5	260	374±5	246	410	367
300W	459±5	323±5	260	374±5	303	410	367
400W	497±5	323±5	320	374±5	303	448	367
500W	497±5	380±5	320	374±5	360	448	367

4. Application

Widely used in Big workshop, Assembly line, Processing factory, Shipyard, Goods warehouse, Logistic warehouse, Stadium, Large-scale sports field, Theater, Public places: outdoor gas station, highway toll stations, landscape lighting, etc



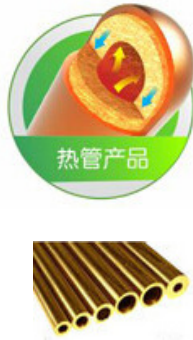
5. Why I am outstanding than other common led highbay?

1. Adopt original PCCOOLER housing, not only in unique and nice outlook, but also with scientific design to make sure no problem on heat dissipation;

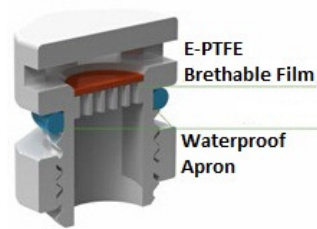
◆ **216° Adjustable Angle**
13 holes for adjustment, to allow the bracket installation changed within 216°, easy for installation and light emitting;



◆ **Use pure copper heat pipe**
Fin-cooling technology plus pure copper heat pipe, to ensure the heat on led chip could be conducted fast and completely out onto the heat sink, which protect the led source and extend the lighting fixture lifespan;



2. Ingenious design of housing respirator, various beam angle available, to improve led highbay quality and offer more installation possibility;

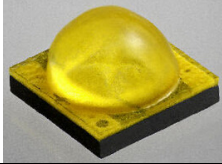


◆ **Special respirator**
this small patented equipment not only strengthen the water proof function, but also remove the inside fog, to avoid condensation, to achieve the purpose of stable and long using time;



◆ **Various beam angle**
unique concave-convex design of reflector, to improve the light efficiency, and various light angle, from focused angle to wide angle: 25°, 45°, 60°, 90°, 100°

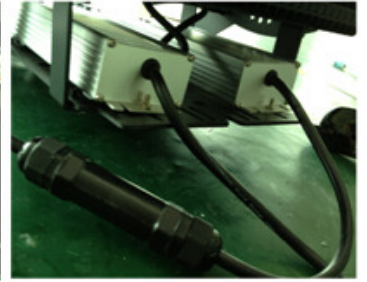
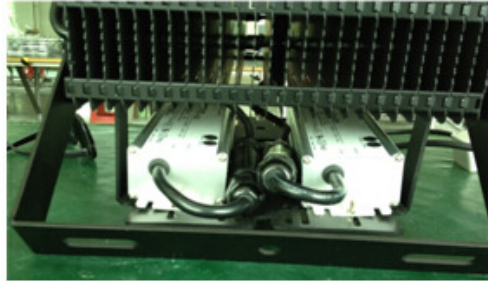
3. Use Cree chip and MW driver, to ensure the 5 years warranty;



◆ Adopt Cree X-BD led chip

High class chip was used to reach 100Lm/w for Mars led highbay, and ensure the minimum light decay after 50,000hrs.

◆ Adopt MW HLG series power supply, IP65 driver, with waterproof wire connector, so safety use and stable performance is a big advantage for this led highbay



4. Strict quality control when manufacturing, to avoid any little mistake to cause the quality problem; safe and durable packing to protect highbay during transportation.

