

LED High Mast lighting Series :

HM01-0200/0320/0540-NP-CC80

HM01-0720/1080/1440-NP-CC80



Description:

Shenzhen strong Eagle lighting high mast lighting is designed by modular assembly, which enhances the flexibility of market application and material reserve, greatly shortening the delivery cycle of orders. At the same time, the single module adopts 1070 aluminum die-casting molding, together with the special oxidation treatment on the outer surface, and provides delicate appearance for the lamp. It has provided enough heat dissipation area for the lamp, greatly reducing the working temperature of the LED light source, so as to realize the low-attenuation and high-life working characteristics of the lamp.

Features:

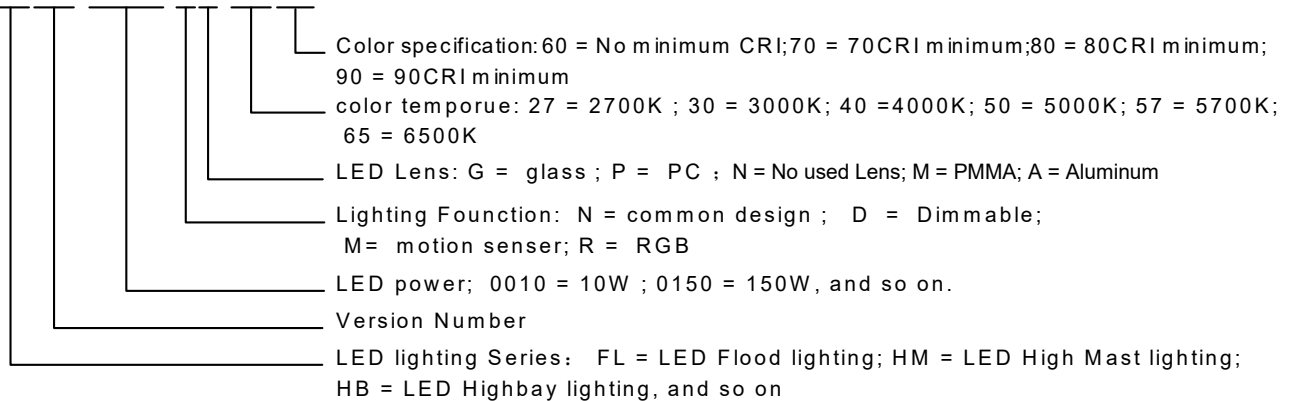
- . Waterproof design IP 66, easy to assemble;
- . Adopt high quality LED light source, energy saving and environmental protection, energy saving exceeds that of traditional lamps and lanterns 60%, the luminous flux utilization ratio is 1.94~2.8 times of the metal halogen lamp, and 1.55 ~ 1.7 times of the high pressure sodium lamp.
- . High efficiency thermal management, LEDs and power supply work in low temperature, and high stability of continuous operating ,lighting efficiency 140LM/W ;
- . Using mean well driver, instant on /off, no flicker and glare, high CRI;
- . Application of light Angle, 10 °, 20 °, 45 °, 60 ° and 90 °;
- . 7 years warranty L70/B50.

Technical parameters:

SKU	Voltage / Frequency	Power	Lumen Efficiency	LED Number /Type	Color Temperature	Beam (angle°)	CRI	PF
HM01-0200-NP-CCRA	100-277Vac 50/60HZ	200W	140Lm/W	280PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95
HM01-0360-NP-CCRA	100-277Vac 50/60HZ	360W	140Lm/W	560PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95
HM01-0540-NP-CCRA	100-277Vac 50/60HZ	540W	140Lm/W	840PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95
HM01-0720-NP-CCRA	100-277Vac 50/60HZ	720W	140Lm/W	1120PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95
HM01-1080-NP-CCRA	100-277Vac 50/60HZ	1080W	140Lm/W	1680PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95
HM01-1440-NP-CCRA	100-277Vac 50/60HZ	1440W	140Lm/W	2240PCS/3030	2700K~6500K	10°/25°/45°/60°/90°	> 80	≥ 0.95

Code format:

HMNN-YYYY-XX-CCRA



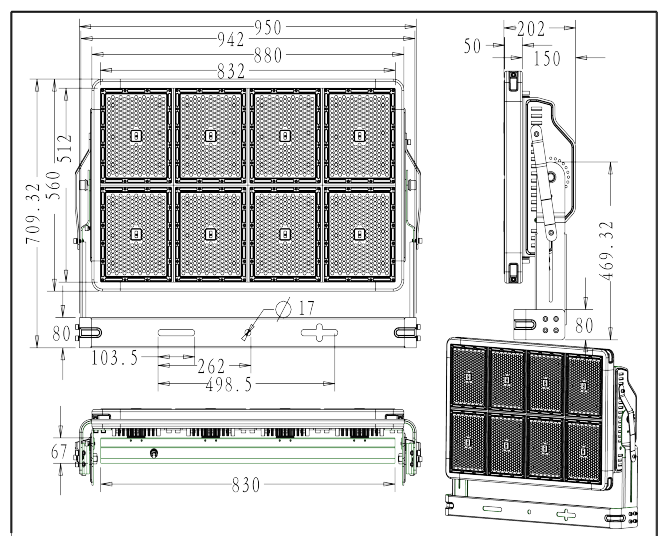
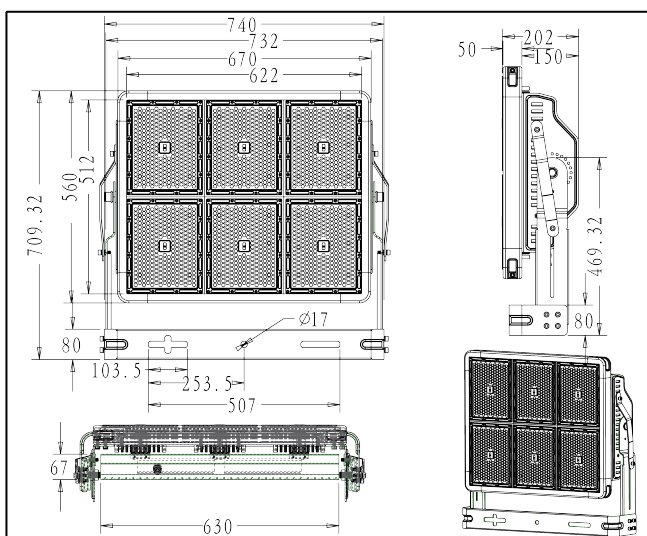
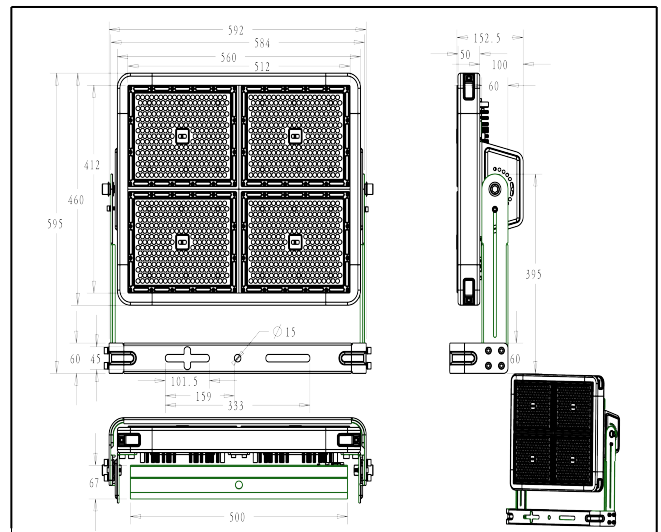
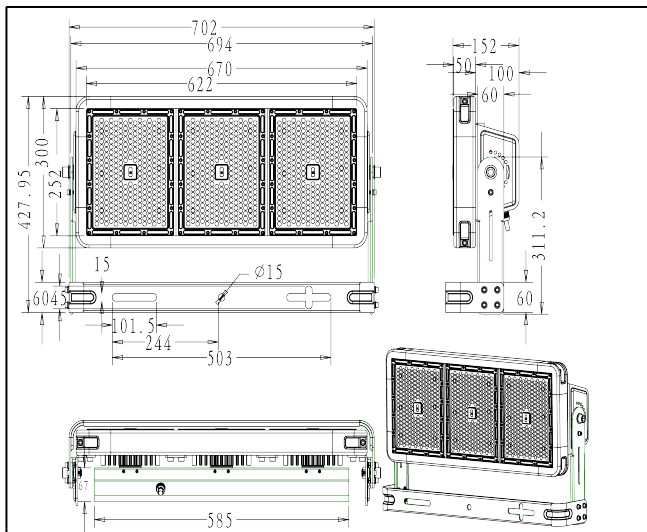
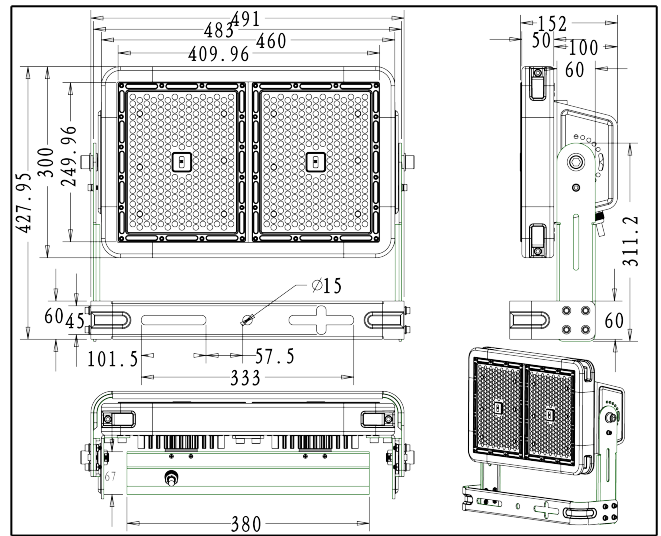
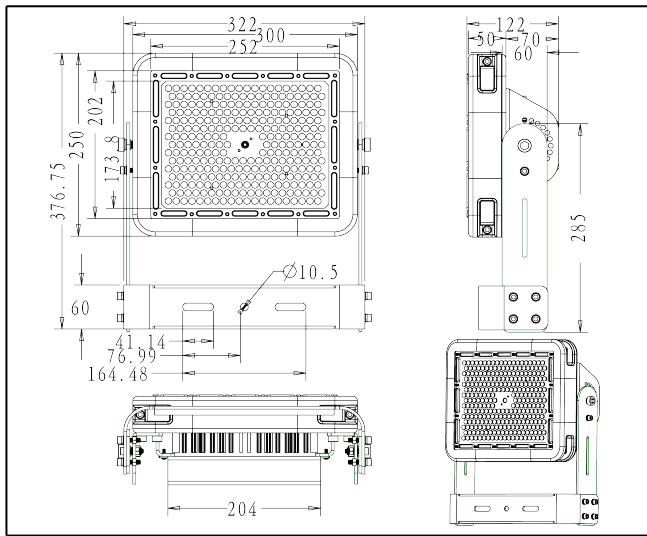
*Note: when both materials are used as lenses on lamps at the same time, the lens with the luminescent Angle can be determined internally as the model code.

Application:

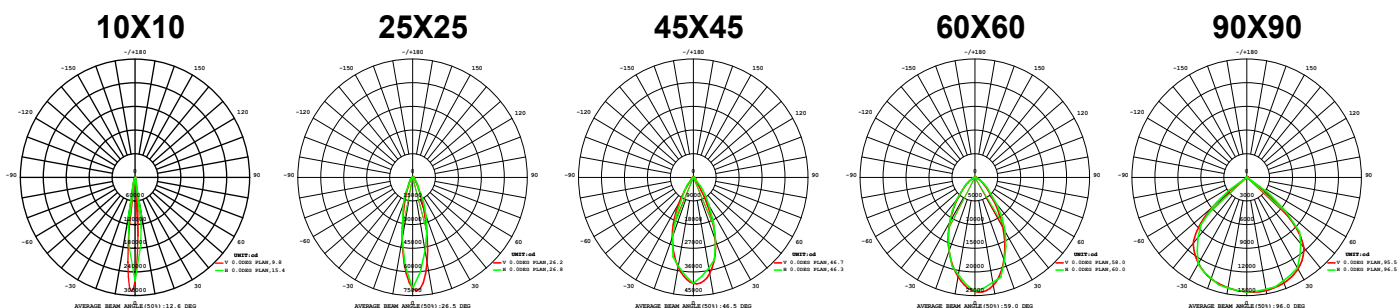
LED high mast lighting are suitable for large areas of concentrated lighting, such as city square, station, port , freight yard, highway, stadium, overpass, golf course ,airport,parking lots



Dimension (Unit : mm):

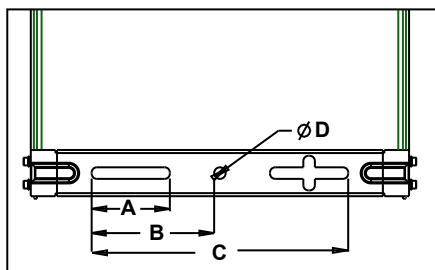


BEAM ANGLES



Installation:

1. surface mounting



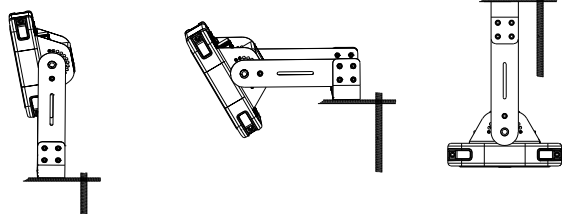
Wattages	A (unit mm)	B (unit mm)	C (unit mm)	D (unit mm)
200W	41.4	76.99	164.48	10.5
360W	101.5	159	333	15
540W	101.5	224	503	15
720W	101.5	159	333	15
1080W	103.5	253.5	507	17
1440W	103.5	262	498.5	17

Step 1: According to the actual situation, confirm the rotation Angle of the lamp on the fixed surface, and then according to the size of drawing D , drill holes on installation surface to install bolt;

Step2: Install lamp on exansion bolt

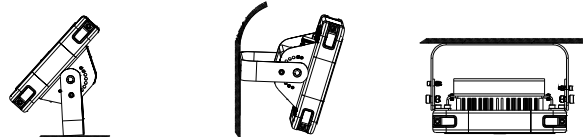
Step3: Install flat gasket, spring washer and nut to fasten
bracet and expansion bolts

New Bracket installation



pedestal installation sidewall installation ceiling installation

Old Bracket installation



pedestal installation sidewall installation ceiling installation

Installation reppurement:

1. Please prepare two sets of bolts to install the light;
2. Power off before installation;
3. Make sure the installed surface can endure the weight of light, and fix the light on the installed surface securely(according to installation diagram);
4. Connect light wire to power wire, seal the joint with insulation.

Packaging:

SKU	N.W.(±0.2)	G.W.(± 5%)	Product Dimension	Qty/ctn	Outer Carton Dimension
HM01-0200-NP-CCRA	7.65KG	8.15KG	300mmX250mmX120mm	1PCS	405mmX415mmX175mm
HM01-0360-NP-CCRA	13.0KG	14.0KG	460mmX300mmX150mm	1PCS	600mmX415mmX245mm
HM01-0540-NP-CCRA	19.0KG	20.0KG	670mmX300mmX150mm	1PCS	815mmX415mmX245mm
HM01-0720-NP-CCRA	23.5KG	25.0KG	560mmX460mmX150mm	1PCS	700mmX570mmX255mm
HM01-1080-NP-CCRA	37.0KG	39.0KG	670mmX560mmX200mm	1PCS	850mmX680mmX280mm
HM01-1440-NP-CCRA	47.0KG	50.0KG	880mmX560mmX200mm	1PCS	1060mmX680mmX280mm

! Notice:

- 1.Please read the specification first, to make sure the service environment matches the conditions in the specification before using;
- 2.Please confirm input voltage, frequency before using;
3. The lamp must be installed by professionals;
4. The lamp can't be used if the power wire, housing are damaged;
5. The lamp can't be maintained by non-professionals;
- 6.If the exterior flexible cable or wire is damaged, it must be exchanged by the supplier, its agent or other relevant qualified personnel to avoid dangers;
- 7.Using environment: -20℃-35℃.