

G600 LED stadium highbay light

The luminous performances of G600 is very much higher than those of the similar LED highbay products commonly available in the market place. This is attributed by its unique design of optical engineering and highly efficient thermal management system.

In this respect, it is recommended that the unit could be reliably used for high mast and stadium lighting applications.



General Characteristic

Construction	The unit is composed by cone shape housing integrated with highly efficient thermal management device and mounting bracket. Light emission is enhanced by multi-faceted reflector fitted inside the cone shape housing.
Multi-faceted reflector	Available in 25°, 45°, 60°, 90° and 100°
Heatsink structure	Multi-vane aluminium heat dissipation module integrated with copper pipe regulating system
Mounting bracket	216° adjustable angle after installation
Finishing	UV resistant plastic plant
Ingress protection	IP65 compliant
Rated life span	30000 accumulated hours
Industrial standard	EUT complied with EN55015; EN51547;
Certification	CE, RoHS, SAA, TUV-GS

Light Characteristic

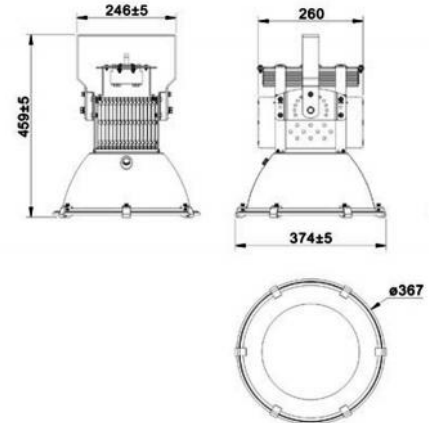
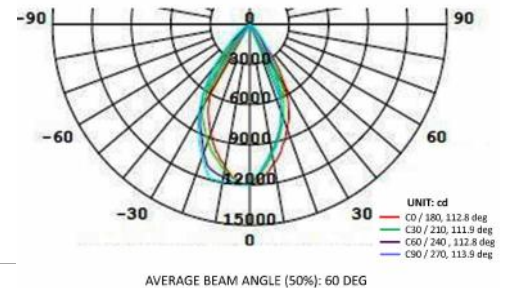
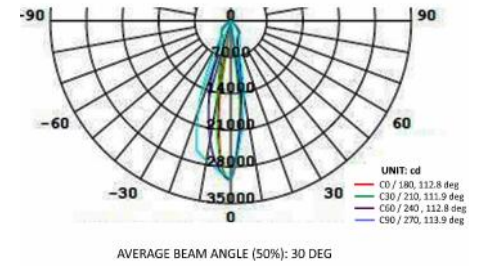
Light source	CREE XP-E HEW high power LED
Color rendering index	CRI≥80 Ra
Color temperature	3200K (K3); 4200K (K4); 6500K (K5)
Beam angle	Available in 30 degree and 60 degree (optional)
Luminous efficiency	≥114 lumen per watt (rated)
Color rendering index	Ra ≥80
P-N junction temperature	Control not exceeding 80°C
Uniformity (u0)	>0.4
RF interference	Free

Electrical Characteristic

Power supply	MEANWELL HLG series or equivalent
Input power	85~265VAC, 50/60Hz
Power factor	≥0.95
Power efficiency	≥85%
Operation temp	-40°C ~+60°C
Overload protection	95%~108% constant current limiting, auto-recovery
Over voltage protection	110%~140% rated output voltage
Operation humidity	≤95% Rh @-20°C to 50°C
Safety standards	UL60950-1, UL1012, TUV EN60950-1, EN61347-1-13 61347
EMC standards	EN55015, EN55022 class B, EN61000-3-2 class C, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN50204, EN61547

Product Brief Specification

Model #	Power (W)		Luminous efficacy	Packing		
	Rated	System		Carton Size	Net	Gross
G60246-033W100Kx	100.0	105.3	9000lm	460 x 460 x 545mm	6.8kg	9.3kg
G60323-050W150Kx	150.0	157.9	13500lm	460 x 460 x 555mm	7.2kg	9.7kg
G60266-068W200Kx	200.0	210.5	18000lm	460 x 460 x 555mm	7.3kg	11.0kg
G60323-100W300Kx	300.0	315.8	27000lm	475 x 475 x 555mm	8.4kg	12.4kg
G60323-134W400Kx	400.0	421.1	36000lm	490 x 490 x 590mm	13.3kg	15.8kg
G60380-167W500Kx	500.0	526.3	45000lm	490 x 490 x 590mm	13.3kg	15.8KG



Typical OA Size

