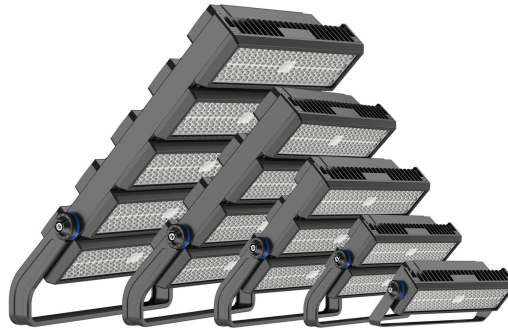




Product Specifications

(TITAN LED HIGH MAST LIGHT)

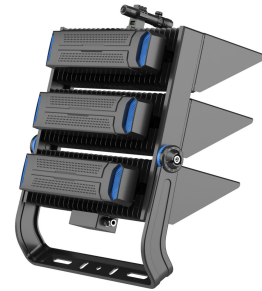
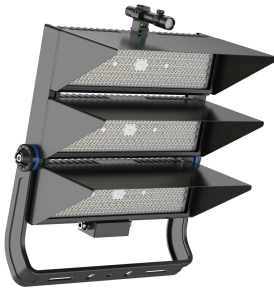


The Titan LED High Mast Light is an advanced lighting solution designed to replace traditional halogen lamps in stadiums, sports fields, wharf, and large outdoor areas. It offers superior illumination, energy efficiency, and durability. With its high-quality LED technology, precise optics, and robust construction, the Titan LED high mast light provides optimal lighting performance. Designed with anti-corrosion painting and additional Hot-Dip Galvanizing (HDG) bracket, it is suitable for harsh sea environments, ensures improved visibility, reduced energy consumption, and a longer lifespan compared to traditional lamps.

Features

- Die-cast Aluminum heat sinking, high thermal conductivity enables rapid heat dissipation to the outside, excellent thermal management & compact structure;
- Separate modular design, maximum 300W system power each modular;
- Packed with reputed brand top quality LED chips and power supply to ensure the product reliability and life expectancy, 5 years warranty;
- IP66 structural waterproof design; Double surge protection: driver & extra 10KV SPD;
- Anti UV optical lens, IK08 and light transmittance > 94%, professional light distribution with different beam angles for various applications;
- Optional tempered glass cover, apply in harsh conditions;
- Optional spill shield to reduce light pollution.

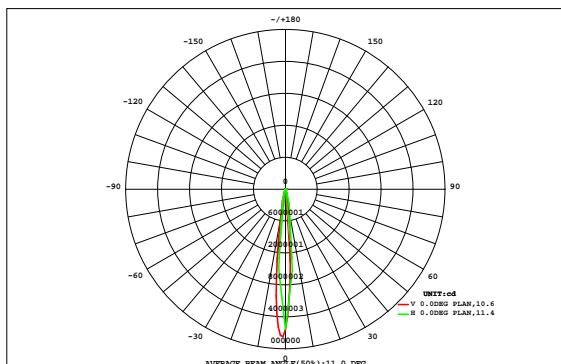
Technical Specifications



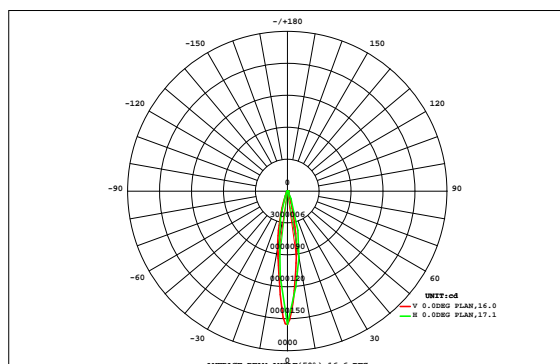
Model No.	LGS-GSTA-250W LGS-GSTA-300W	LGS-GSTA-500W LGS-GSTA-600W	LGS-GSTA-750W LGS-GSTA-900W	LGS-GSTA-1000W LGS-GSTA-1200W	LGS-GSTA-1250W LGS-GSTA-1500W
Power	250/300W	500/600W	750/900W	1000/1200W	1250/1500W
Lumen Output(@5000K)	35,000-48,000lm	70,000-96,000lm	105,000-144,000lm	140,000-192,000lm	175,000-240,000lm
Lumen Efficiency	140lm/w(optional 160lm/w)				
CCT	3000/4000/5000/5700/6500K				
CRI	Ra>80(Ra>90 optional)				
Chip Brand	Lumileds/Osram				
Beam Angle θ/2	10°/15°/25°/45°/60°/90°/65°25°				
Light Decay Rate	Less than 3% in 6,000Hours				
Lifespan	≥50,000Hrs				
Input Voltage	100-240VAC 50/60Hz				
Power Factor	PF>0.95				
THD	<15%				
Driver Brand	Meanwell/Sosen				
Material	Die-cast Aluminum Housing+Polycarbonate Lens+Tempered Glass Cover(on request)				
Degree of Protection	IP66 & IK08				
Dimensions	561*250*148mm	561*447*148mm	561*604*148mm	561*761*148mm	561*918*148mm
Net Weight	7.2kg	14.6kg	20.6kg	26.6kg	32.6kg
Package	1pcs/CTN				
Gross Weight	7.5KG	15KG	22KG	28KG	35KG
Carton Dimensions	630*330*230mm	630*520*230mm	630*680*230mm	630*840*230mm	630*1000*230mm
Finish	Black				
Installation	Mounting				
Working Temperature	-30℃~+50℃				
Storage Temperature	-40℃~+70℃				
Certificate	CE, RoHS				
Warranty	5 years				
Optional Functions	0-10V/PWM/DALI/DMX Available on Request				

Light Distribution Curves

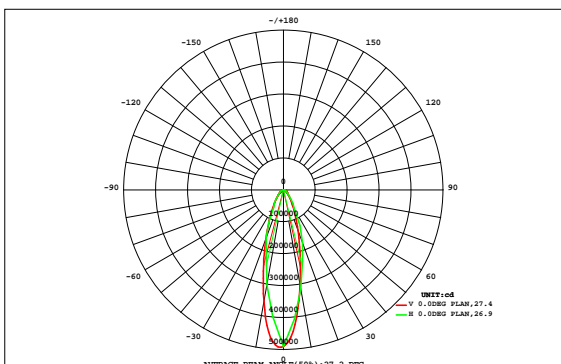
10D



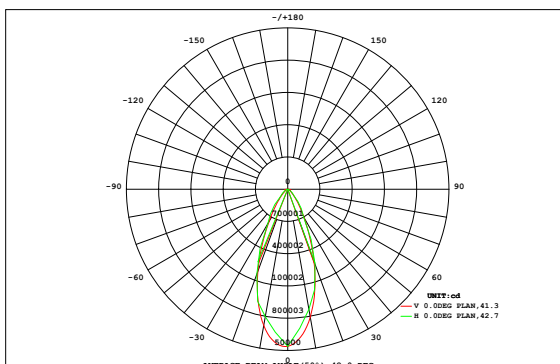
15D



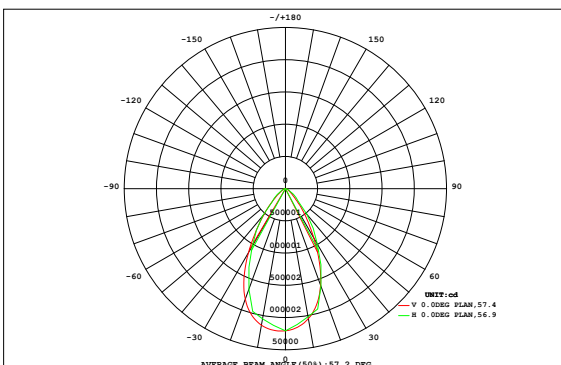
25D



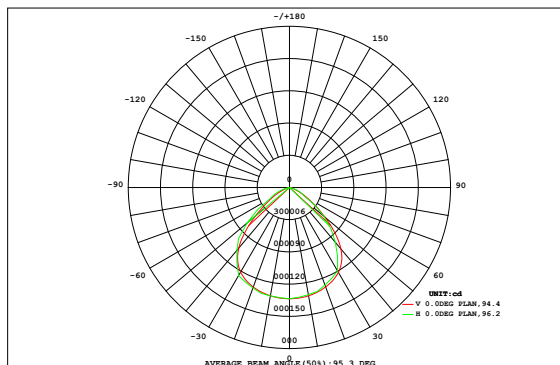
45D



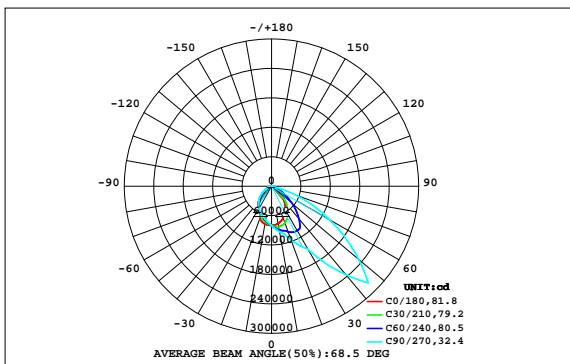
60D



90D

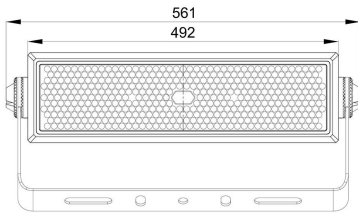


65x25D

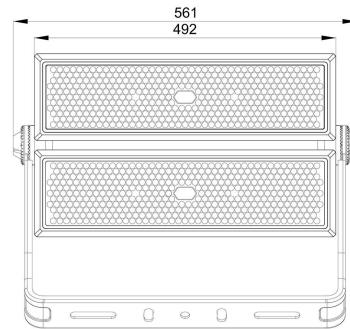
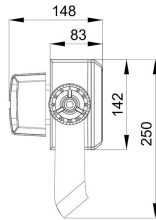


Dimensions and Drawings

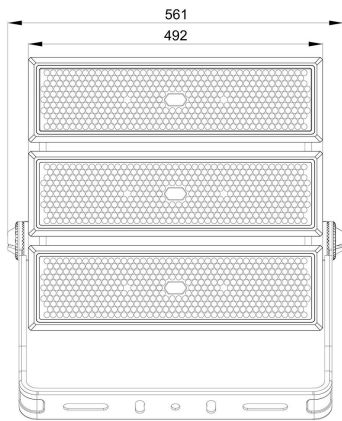
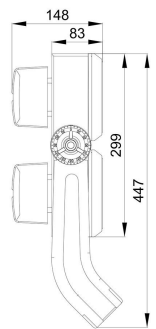
Unit: mm



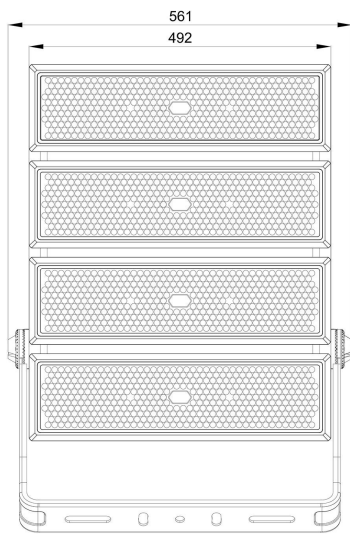
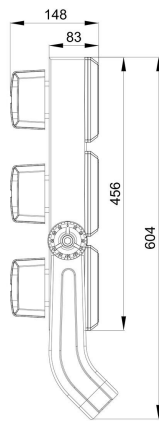
250/300W



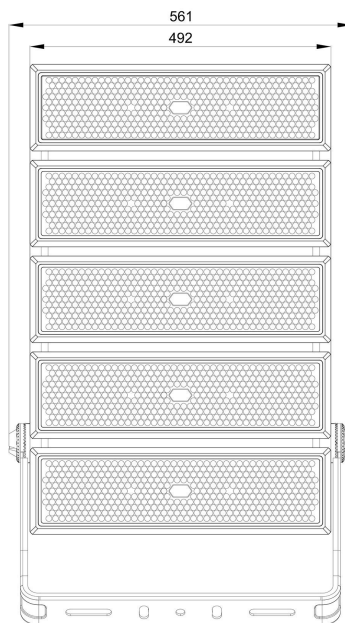
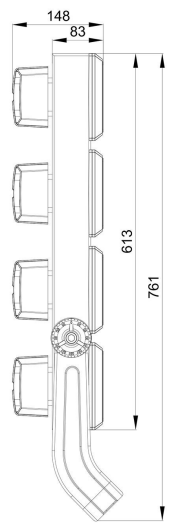
500/600W



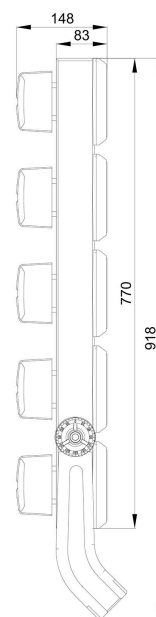
750/900W



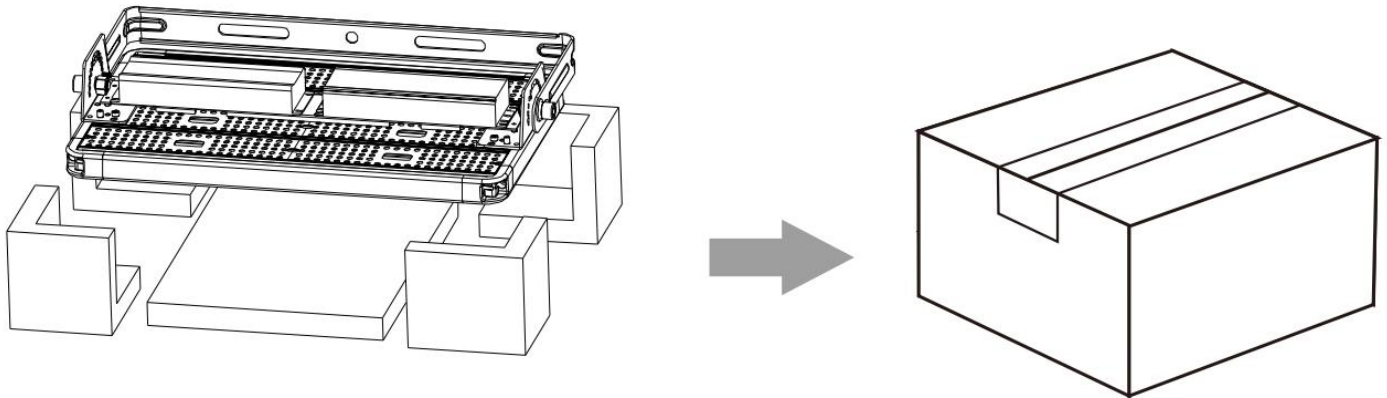
1000/1200W



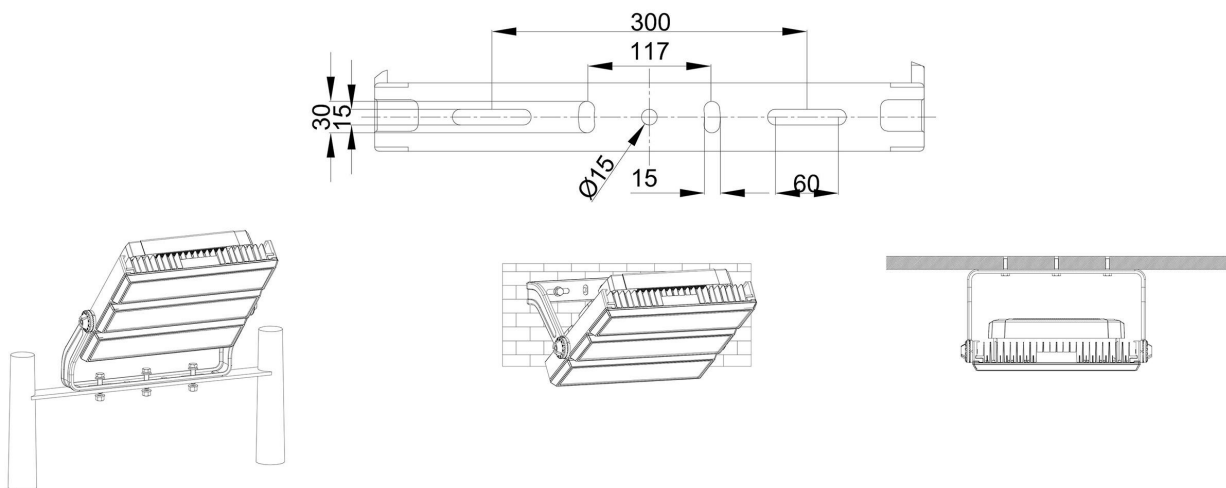
1250/1500W



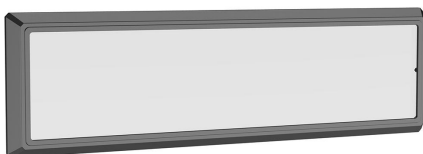
Package



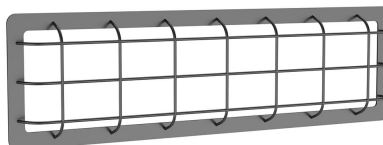
Installations



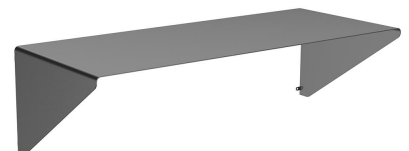
Optional Accessories



Tempered Glass Cover



Anti-Collision Iron Fence



Light Overflow Mask



Surge Protector



Laser Pointer



Waterproof Wire Connection Box

Installation Requirements

1. Power off before installation, and read the instruction carefully;
2. Make sure the installation material can endure the lamp weight;
3. Please prepare two sets of expansion bolts, and drill holes in the installation body, then install the lamp, finally screw down expansion bolts and bracket screws;
4. Connect lamp wire to match power wire, and seal the joint with insulation;
5. The lamp must be installed reliably to prevent loosening and falling off.

Notice

1. Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
2. Please confirm the input voltage, frequency before use;
3. This product must be installed by professionals;
4. If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use;
5. Dangerous high voltage, non-professionals are not allowed to maintain the product;
6. If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger.