Space Cannon ™
Stadium LED floodlight

1200W shown in image

Giantlight (PTY) LTD, Tel: +27 11 704 1450 / +27 82 451 5506, 169 Bush Telegraph road. Northlands Business Park, North Riding, Gauteng, South Africa, www.giantlight.co.za, email otto@giantlight.co.za ; wolfgang@giantlight.co.za

FACT FILE:

Mechanical and Electrical file.					
	300W	600W	900W	1200W	1500W
Body Construction	Extruded anodized aluminium with stainless steel bracketry. Powder coated aluminium junction box. Lenses – UV stable polycarbonate with silicone gaskets. Rubber trailing cable used throughout. CCG IP 68 glands used throughout.				
IP rating	IP 67				
Power supply	TCI Vega range				
Input V range	99 -305V AC				
Frequency	50/60 HZ				
Power factor	better than 0,95				
Output ripple	Less than 5%				
Dimming	0-10V and midnight function – standard. (DALI DMX KNX optional)				
Surge protection	20KV across mains in - then additional 6KV – built into each power supply				
Operating T range	-40°C to +60°C				
Overheat protection	Yes				
Insulation class	Class 1				
Weight	8kg	14kg	20kg	26kg	31kg
Performance files					
Lumens exiting light at full temp	Lumens will vary – depending on the lens option selected – please refer to IES files.				
Initial lumens on PCB – at full temp	43800	87600	131400	175200	219000
Total circuit watts – within 3%	300	600	900	1200	1500
Efficacy	146 lumen per W (total circuit wattage) – at full temperature. (Depending on Lens option)				
LED type used	Osram or Lumileds.				
CRI	+80 standard + 90 on request (note that + 90 CRI will reduce the lumen output by approximately 8%)				
CCT	3000K or 4000K or 5000K - 6500K on request				
LM tested?	Yes - test report available – L80 = 60 000 hours/L70 =72000 hours				

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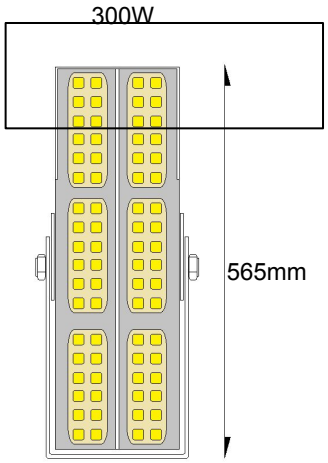
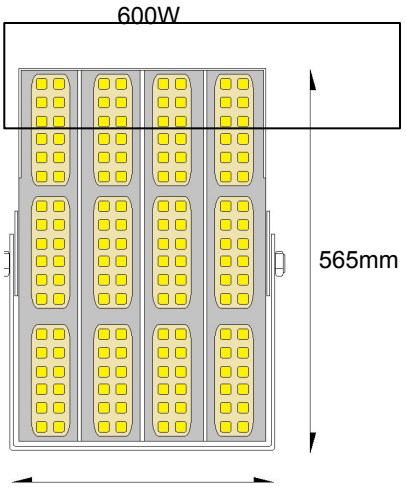
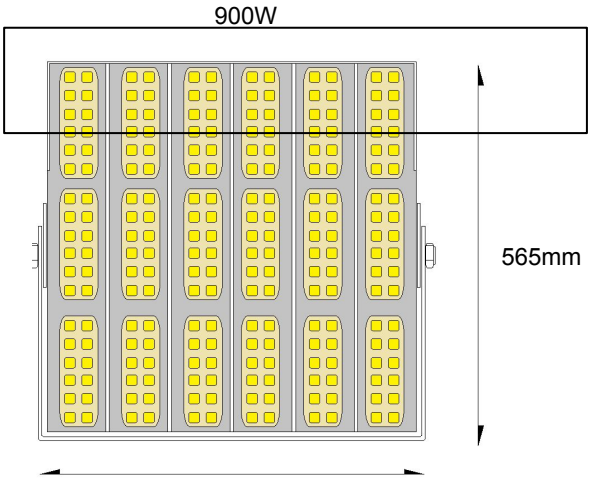


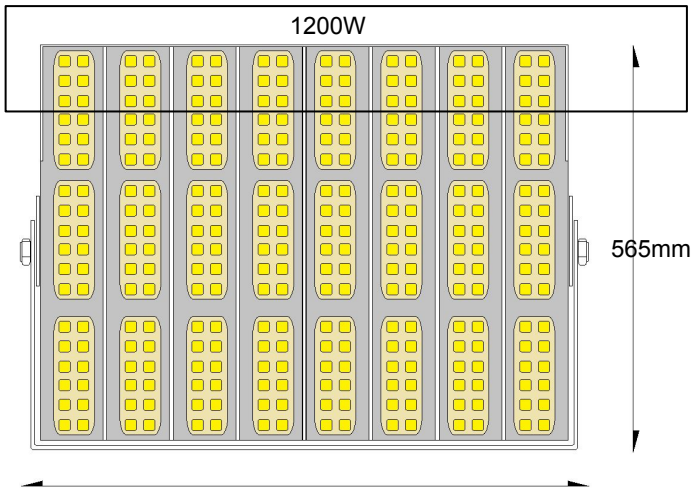
Weight - 8 kg



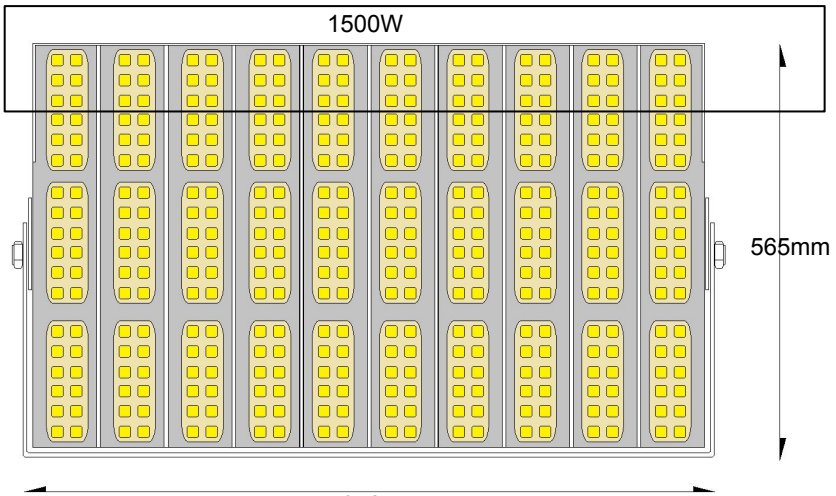
Weight - 14 kg



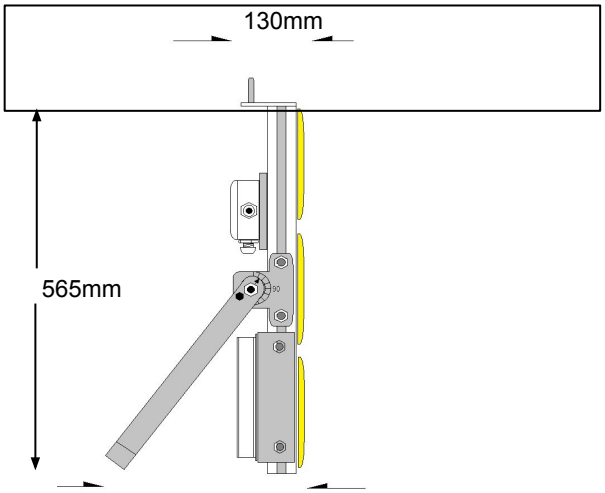
Weight - 20 kg



Weight - 26 kg

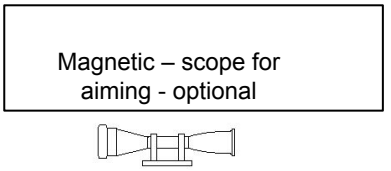


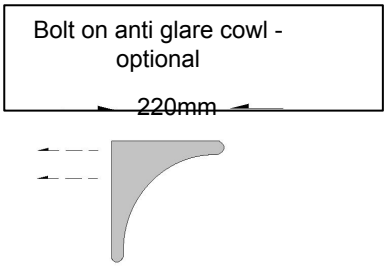
Weight - 31 kg



From 130mm if stirrup is facing down – up to 420mm if stirrup is at 90 degrees

Side view





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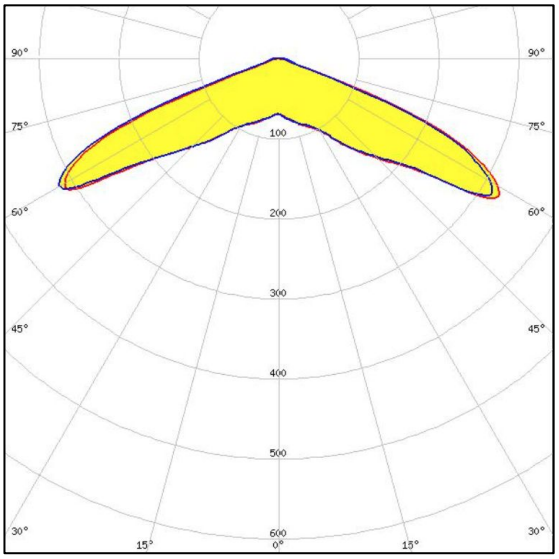
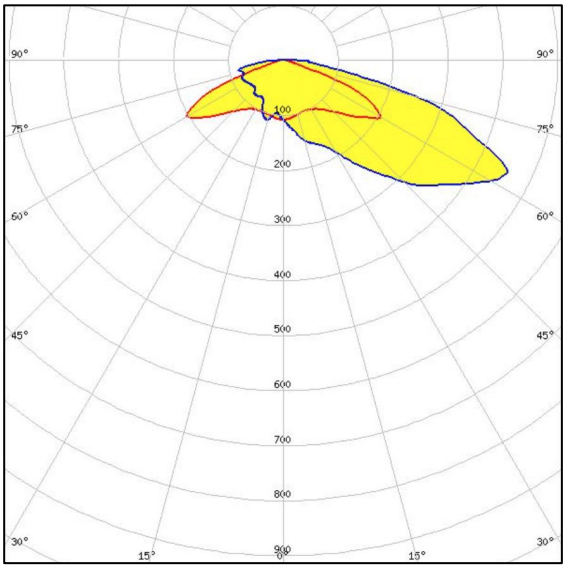
Polar Diagrams

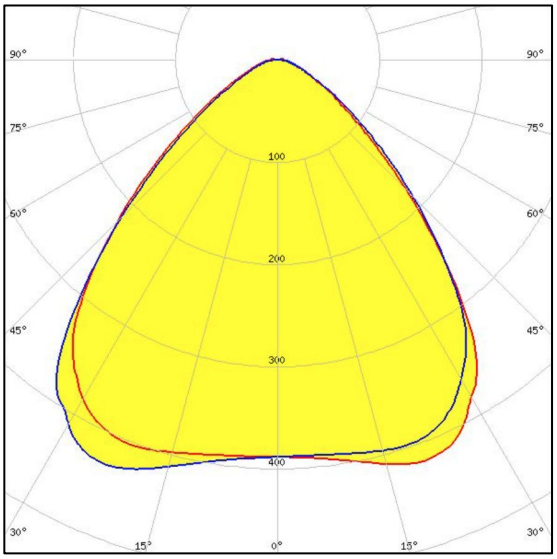
Typical polar curves



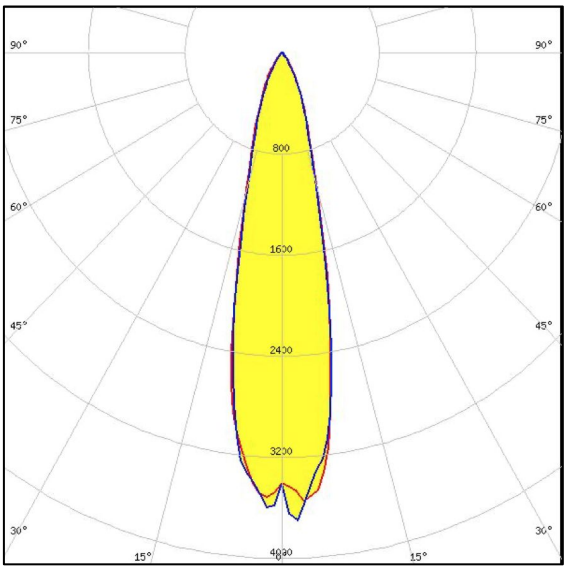
Batwing distribution



Asymmetrical distribution



Symmetrical distribution



Narrow distribution

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