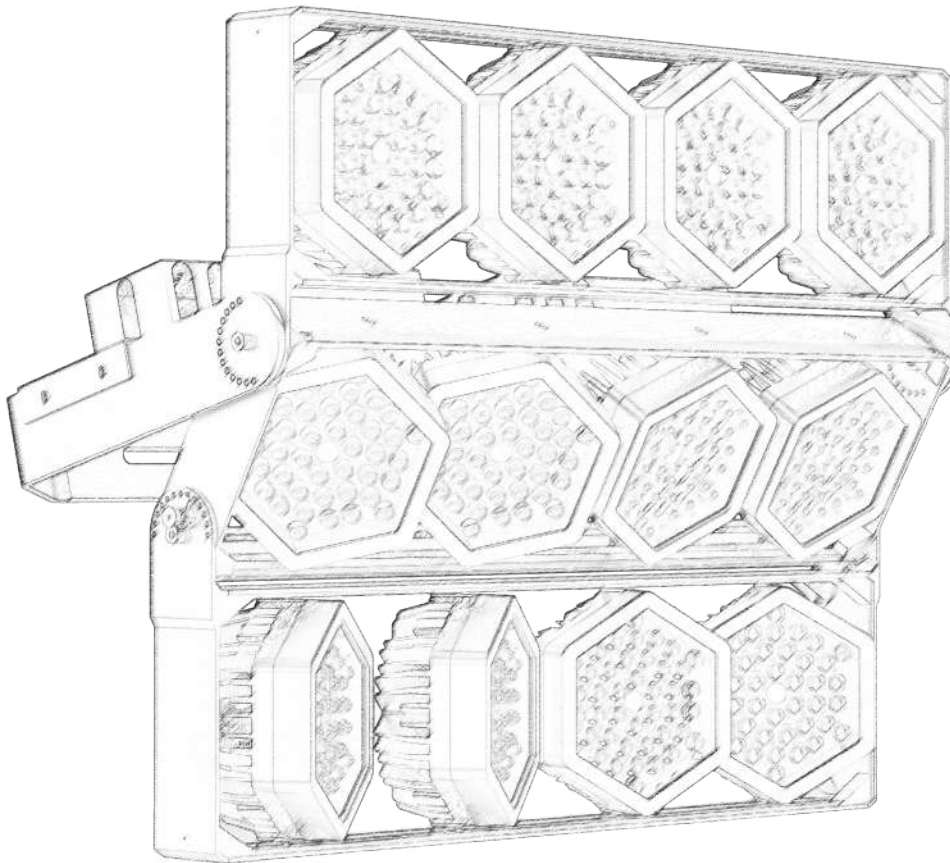


TECHNICAL SPECIFICATION



Specification Revision:		
RevA0	Primary Released	Date: 15-Sep-2023
RevA1 or B0	Updated Notes	Date:
Approved By	Verified By	Drafted By
Mike Lee	Lista Lee	Tyler Hou

Model **FL07-JL-GW**



Electrical Specification

Power	100W	200W	300W	400W	600W	900W	1200W
Driver Brand	MEANWELL						
Input Voltage	85 - 265 VAC						
Power Factor	>0.95						
Dimmable	N/A (Option of DALI / 0-10V / PWM)						
Intelligent Control	N/A (Option of Zigbee Wireless)						
SPD	4KV Line-Line, 6KV Line-Earth						
Working Temperature	-40°C - +70°C						

Photometrical Specification

Luminous Efficacy	140Lm/W
LED CHIP	PHILIPS
Color Temperature	Option of 4000K / 5000K/ 5700K
Color Rendering Index	>80
Beam Angle	Options of 10°/30°/60°/90°/120°
THD	<20%

Mechanical Specification

LED Module QTY	1	2	3	4	6	9	12
LED Module Placement	Horizontal	Horizontal Vertical	Horizontal Vertical	Horizontal Vertical	Horizontal	Horizontal	Horizontal
Body Material	Die Cast Aluminium Housing						
Housing Color	Black						
Mounting Type	Bracket						
Mounting Location	High Mast						
Cable Length	300mm (input)						

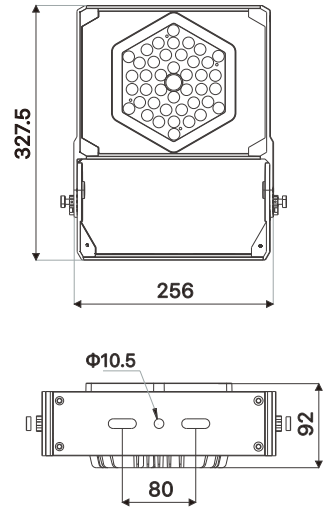
Standards & Certificates

Ingress Protection	IP67
IK	IK08
Salt Spray	C1 Anti-Corrosion
Certificates	CE, ROHS
Warranty	7 Years

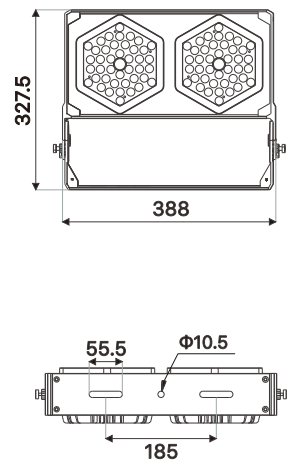
Dimension & Weight

Fixture Dimension (mm)	/						
Fixture Weight (kg)	4.02	/	13.6	15.42 25.14	27.01	/	/
Packing	1						
Carton Dimension(mm)	410*320*175	485*395*165 /	920*360*170 /	820*390*150 660*505*460	660*505*460	/	/
Gross Weight (Kg)	4.6	8.12	15.42	16.34 27.49	29.36	45	54

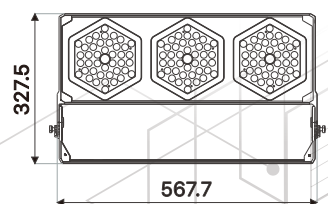
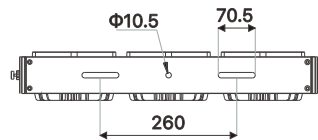
FL07-JL-100W



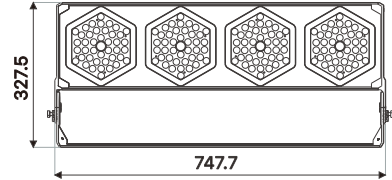
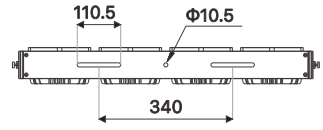
FL07-JL-200W



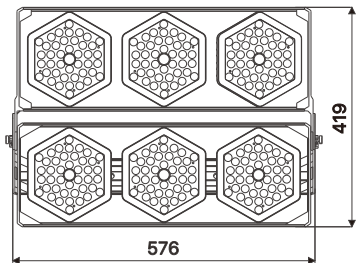
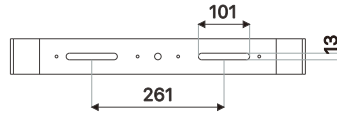
FL07-JL-300W



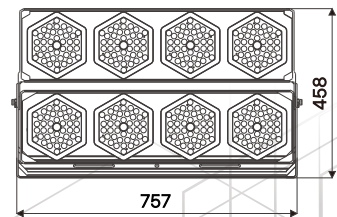
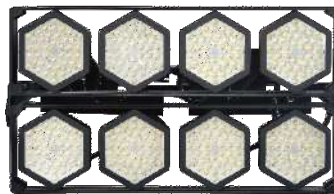
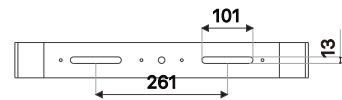
FL07-JL-400W



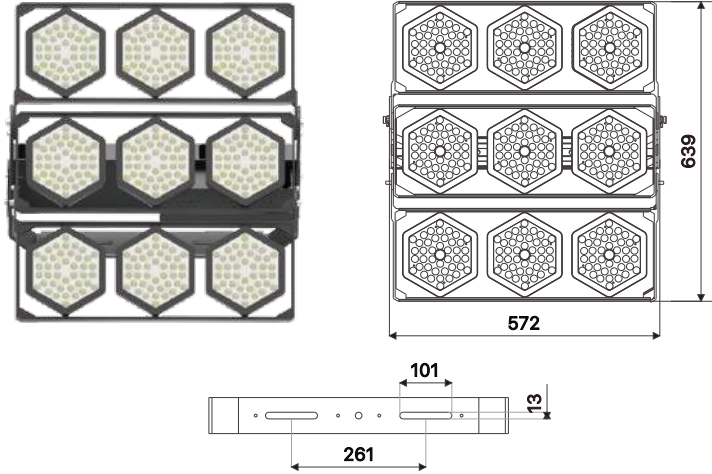
FL07-JL-600W



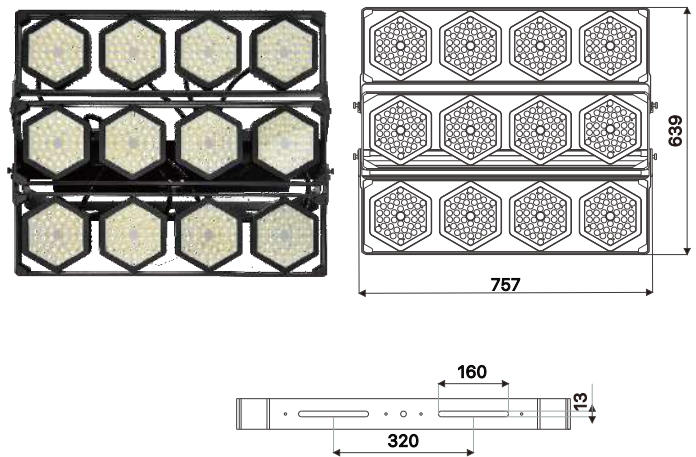
FL07-JL-800W



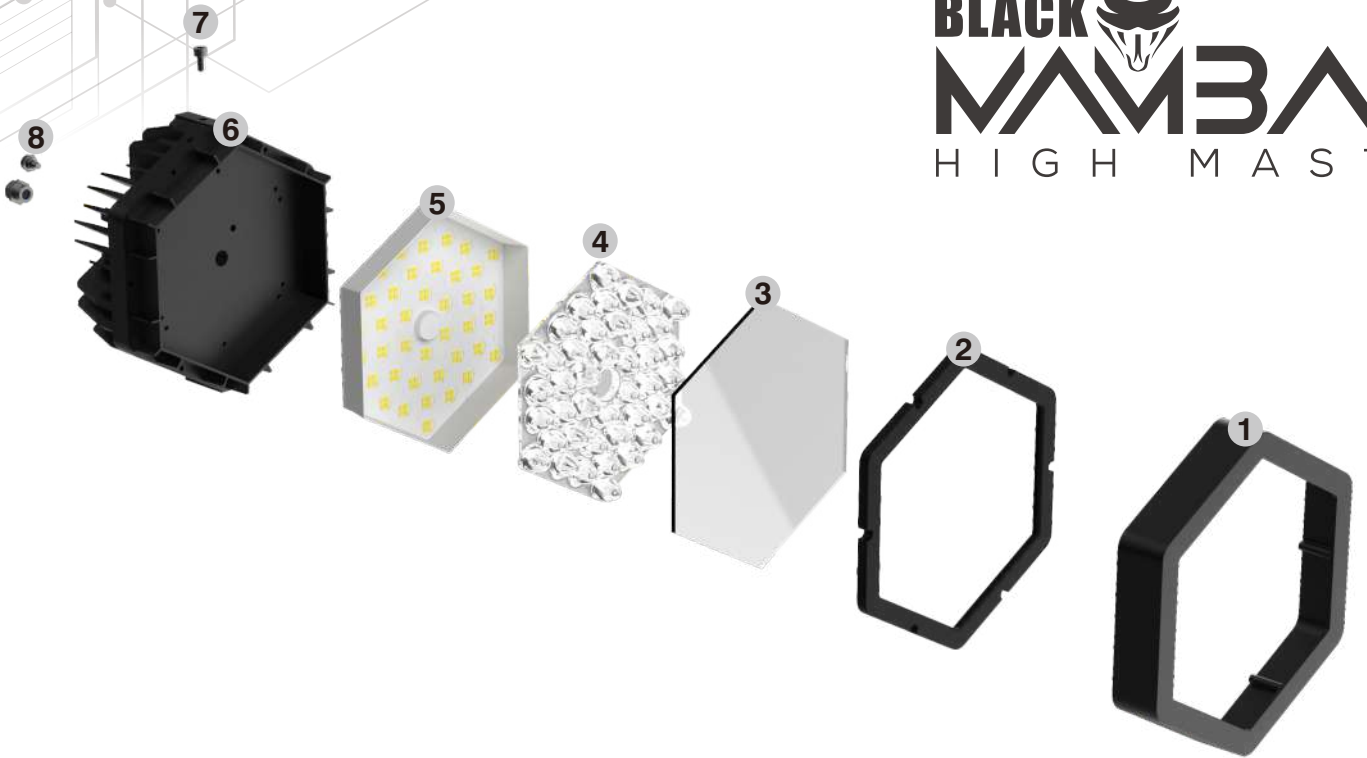
FL07-JL-900W



FL07-JL-1200W



BLACK MAMBA HIGH MAST



1. Lens Cover

2. Waterproof Seal

3. Tempered Glass Fascia

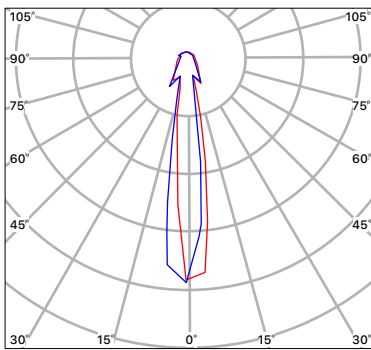
4. Optical Lenses

5. LED CHIP

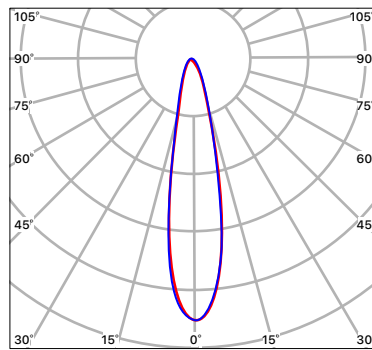
6. Patented Heatsink

7. 360° Pivot Screw

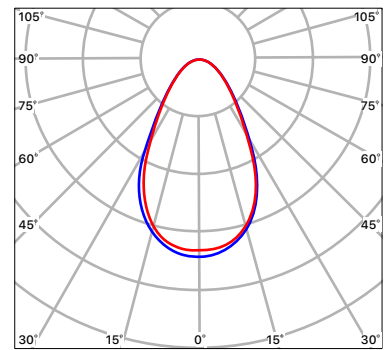
8. Breather Screw



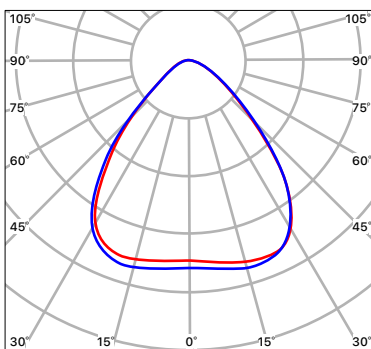
10°



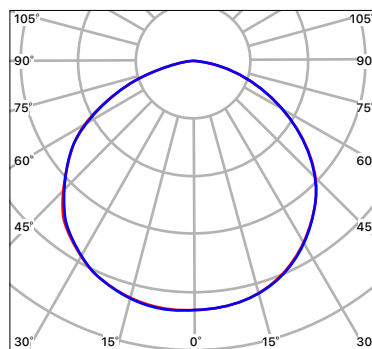
30°



60°



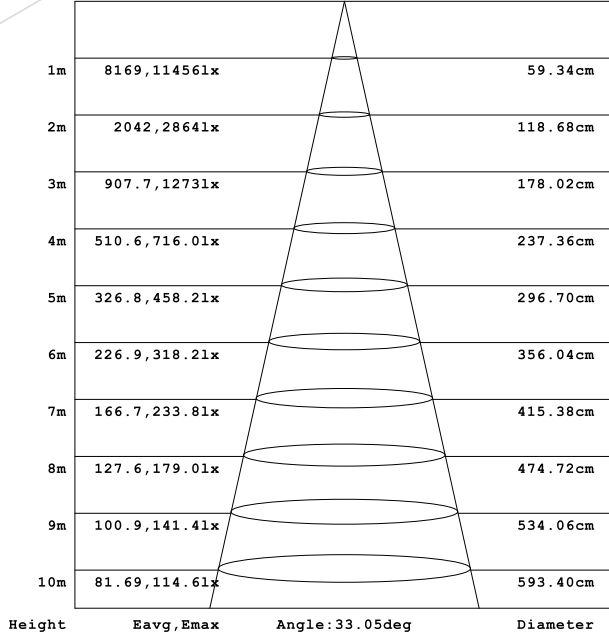
90°



120°

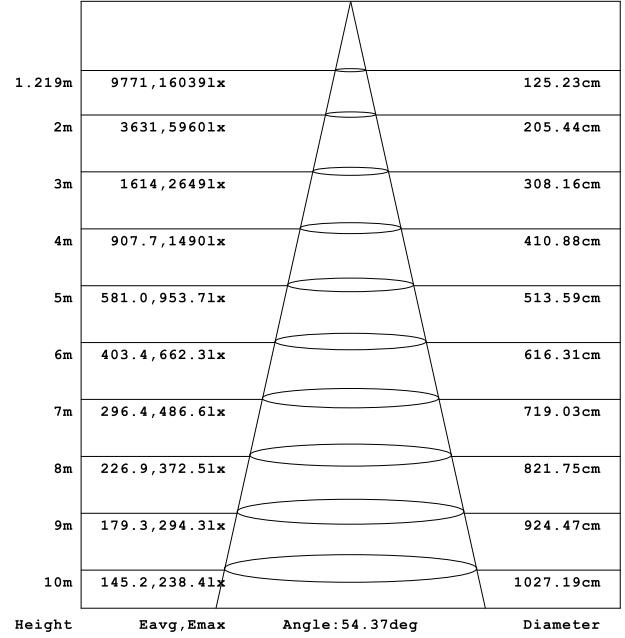
Luminous Efficacy 140Lm/W

Flux out:2399 lm



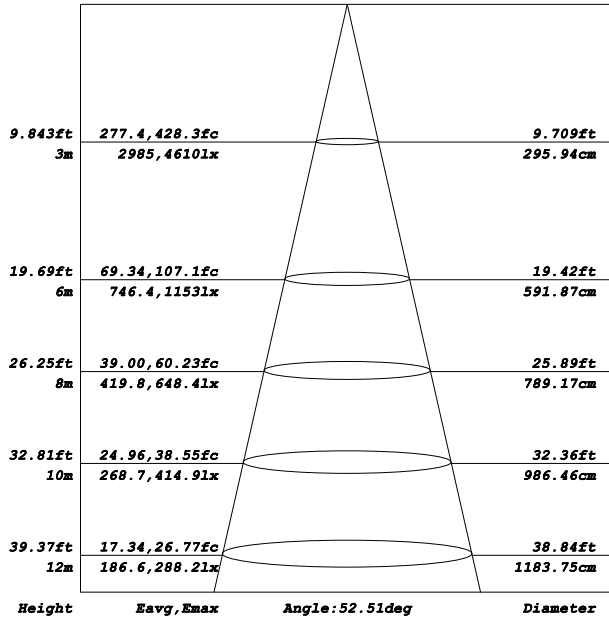
100W

Flux out:12900 lm



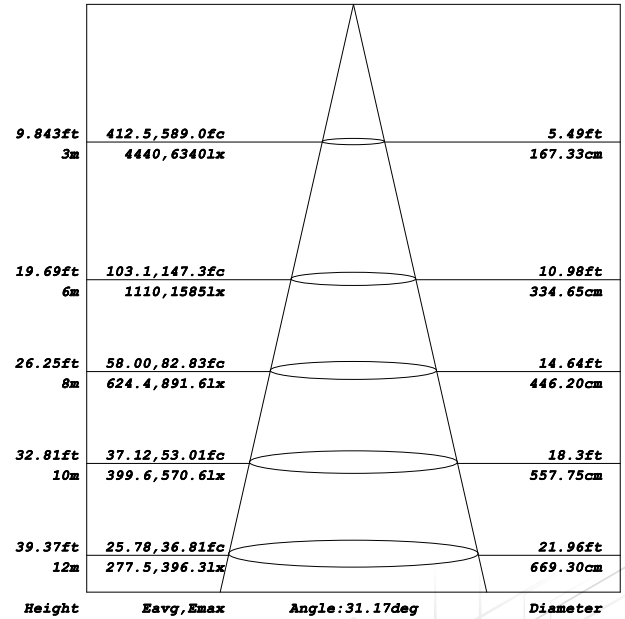
200W

Flux out:21915 lm



300W

Flux out:10322 lm



400W