



Floodlight FL-A 60-600W

Floodlight FL-J 800-1500W

Specification Sheet

The FL-A and FL-J floodlights are the manufacturer's flagship products, engineered with industrial leading fold fin thermal technology and designed for the higher end outdoor lighting market.

Features & Benefits

- Up to 1500W and over 160,000 luminous flux
- Unique, fold fin heatsink technology greatly reduces thermal density and maintains a low LED junction temperature
- Full range of optics for a wide variety of professional lighting applications
- Protective UV stabilized powder coated finish
- IP65 weather resistant
- 0-10V or DALI Dimming options and compatible with all leading lighting control systems

Applications

Designed for sports, site and area applications such as;

- Class I, II & III outdoor sports fields & courts
- Indoor arenas
- Signage & Billboards
- Ports & Depots
- Building facades
- Heavy industrial and wet locations

Technical Specification

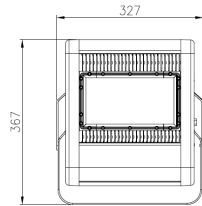
Description	LED Flood Light										
Recommended Product Location	Sports, site and area lighting applications										
FL-A Series											
Model	FL-A-060	FL-A-080	FL-A-100	FL-A-150	FL-A-200	FL-A-250	FL-A-300	FL-A-350	FL-A-400	FL-A-500	FL-A-600
LED Max Power (W)	60	80	100	150	200	250	300	350	400	500	580
Typical System Power (W)	66	90	110	170	220	280	330	390	440	550	640
Typical Luminous Flux (lm)	7,600	10,350	12,650	19,500	25,300	32,000	37,900	44,800	50,600	63,200	73,600
Dimensions (mm)	327x91x367	327x91x367	387x91x367	387x91x367	507x91x367	567x91x367	567x91x367	533x117x621	533x117x621	593x117x621	593x117x621
Weight (kg)	6.5	7	7.5	8	9	10.5	11	17.5	18	21	21.5
FL-J Series											
Model	FL-J-800	FL-J-1000	FL-J-1250	FL-J-1500							
LED Max Power (W)	800	1000	1200	1320							
Typical System Power (W)	880	1100	1320	1450							
Typical Luminous Flux (lm)	101,200	121,500	146,500	161,000							
Dimensions (mm)	833x117x621	743x170x764	788x161x665	788x161x665							
Weight (kg)	29	38	* 27.4	* 27.4							
Remark	* FL-J-1250/1500 comes with remote driver box at 10.5 kg.										
Light Source	Lumileds Luxeon TX (default) / Osram Osion Square / Cree XPG3										
Correlated Colour Temperature	3000K, 4000K, 5000K, 5700K, 6500K										
Colour Rendering Index	>70 (or >80 available)										
System Efficacy	>110 lm/w										
LED Junction Temp.	≤75°C (@ Ta=25°C)										
Light Distribution Options	15°x15°, 30°x30°, 60°x60°, 90°x90°, 60°x90° 85°x45°, 85°x90°, 60°x135°, 85°x135°										
Driver	Meanwell / Inventronics										
Input Voltage Range	100-305VAC 50/60Hz (347-480VAC available upon request)										
Power Factor	> 0.90										
Electrical Class	Class I										
Dimming Control (optional)	0-10V, DALI										
Ambient Operating Temperature	-40°C to +45°C										
Ambient Storage Temperature	-25°C to +80°C										
Material	Aluminium										
Optical Cover	Tempered Glass										
Finish	Black powder coated (customized RAL colour available upon request)										
Ingress Protection (IP)	IP65										
Batch Coded	Yes										
Certification	CE, CB, SAA, ETL										

Accessories

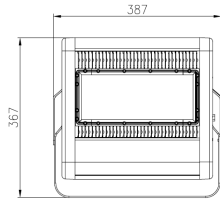
Sensor compatible

Bracket design can be custom made for different sensors
(ordered separately)

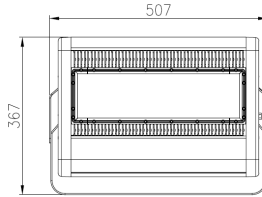
Dimensions



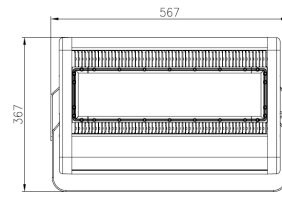
FL-A-060 & FL-A-080



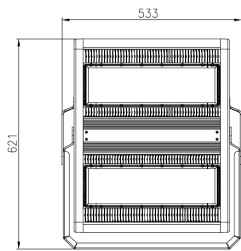
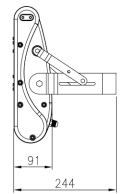
FL-A-100 & FL-A-150



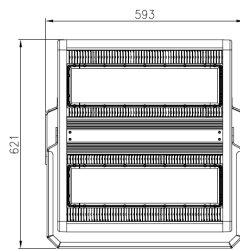
FL-A-200



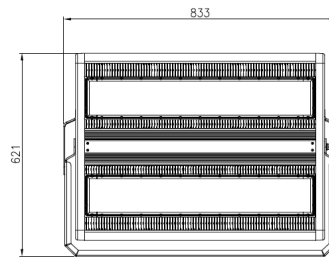
FL-A-250 & FL-A-300



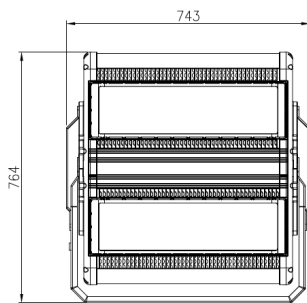
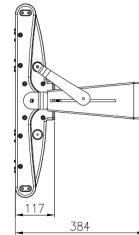
FL-A-350 & FL-A-400



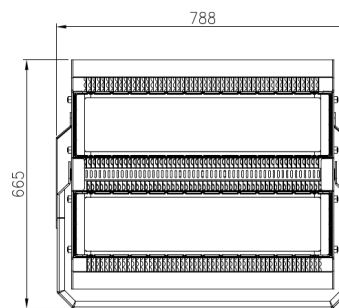
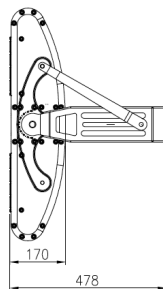
FL-A-500 & FL-A-600



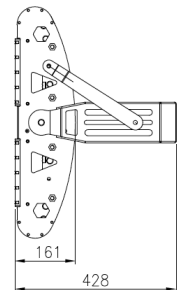
FL-J-800



FL-J-1000

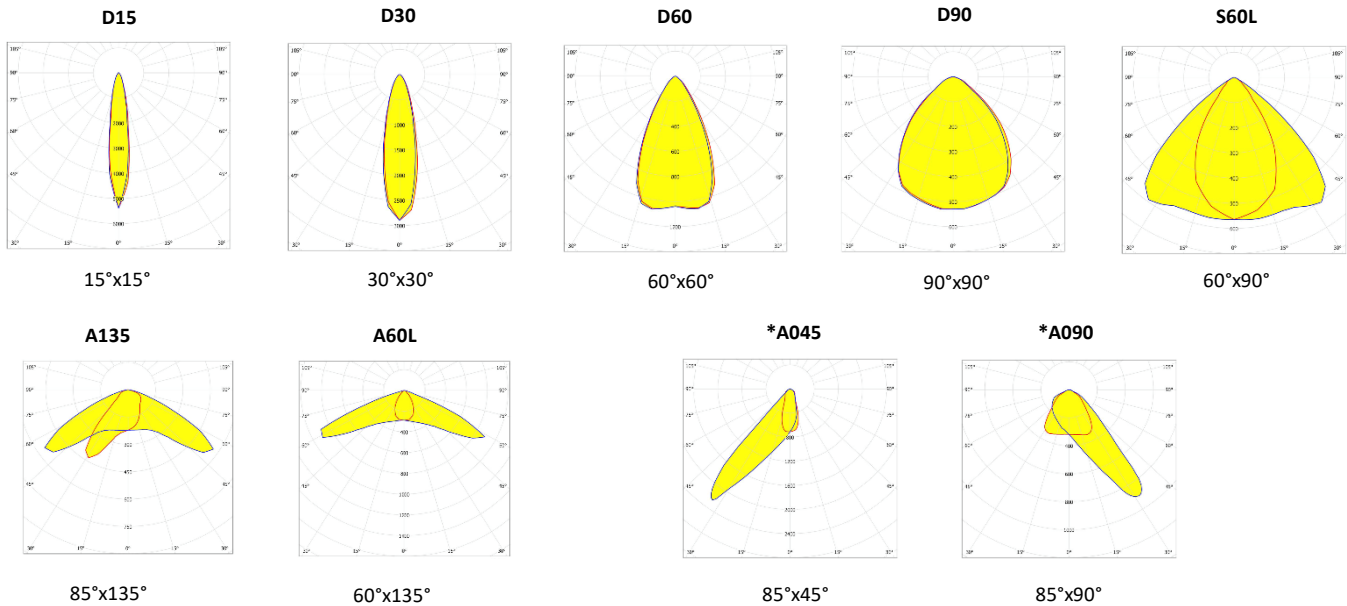


FL-J-1250 & FL-J-1500



* Remark: Please contact our sales representatives for detail dimensions of remote driver box used in FL-J-1250 & FL-J-1500.

Photometrics



* Remark: A045 and A090 optics will require larger PCB footprint and lead to price increase, please contact our sales representatives for detail information.

Ordering Information

Product ID	LED Power	Color Temp	CRI	Optics	Control
FL-A	060 = 60W 080 = 80W 100 = 100W 150 = 150W 200 = 200W 250 = 250W 300 = 300W 350 = 350W 400 = 400W 500 = 500W 600 = 600W	30K = 3000K 40K = 4000K 50K = 5000K 57K = 5700K 65K = 6500K	70 = Min 70 80 = Min 80	D15 = 15°x15° D30 = 30°x30° D60 = 60°x60° D90 = 90°x90° S60L = 60°x90° A045 = 85°x45° A090 = 85°x90° A135 = 85°x135° A60L = 60°x135°	ND = Non-Dimmable VD = 0-10V Dimmable DD = DALI Dimmable
FL-J	800 = 800W 1000 = 1000W 1250 = 1250W 1500 = 1500W				

Note: Actual performance may differ as a result of end-user environment and application. All values are typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.