

Luxtronik



Jupiter (FLS)

400w-1500w

Spec Sheet

Version 1.0
April 20, 2017

Luxtronik Technical Department

Designed for the professional lighting market, Jupiter is one of the world's highest output flood lights made possible by our Industry leading fold fin thermal technology.

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 applications such as;

- High Mast
- Sports stadiums
- Ports
- Indoor arenas
- Railyards
- Airport Apron

Technical Specification

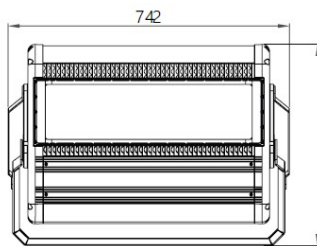
Description	Jupiter LED Flood Light (FLS) Site, area and sports lighting applications					
Recommended Product Location	LUX-FLS-400	LUX-FLS-500	LUX-FLS-600	LUX-FLS-800	LUX-FLS-1000	LUX-FLS-1500
Model						
LED Max Power (W)	400	500	580	800	1000	1400
Typical System Power (W)	440	550	640	880	1100	1550
Typical Luminous Flux (lm)	48,000	60,000	70,500	92,000	116,000	162,800
Dimensions (mm)	742x528x166	832x528x166	623x724x166	743x724x166	833x724x166	833x724x166
Weight (kg)	23.6	27	28	35.8	41	41
Light Source	Lumileds Luxeon TX (default) / Osram Oslon 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 HLG					
Input Voltage Range	100-305VAC 50/60Hz					
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

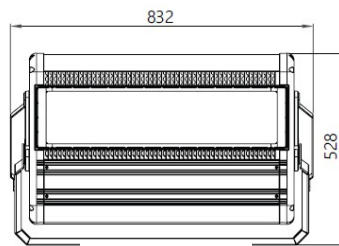
Sensor compatible

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

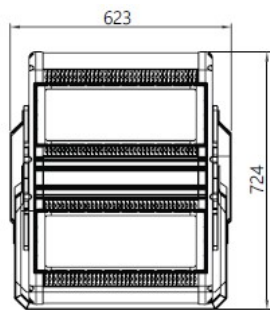
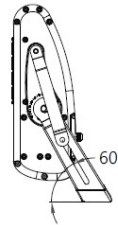
Dimensions



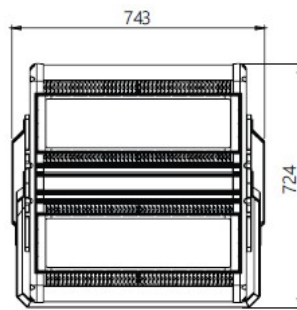
LUX-FLS-400



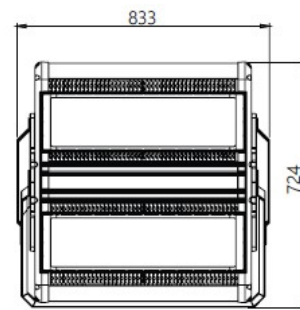
LUX-FLS-500



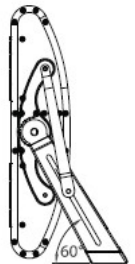
LUX-FLS-600



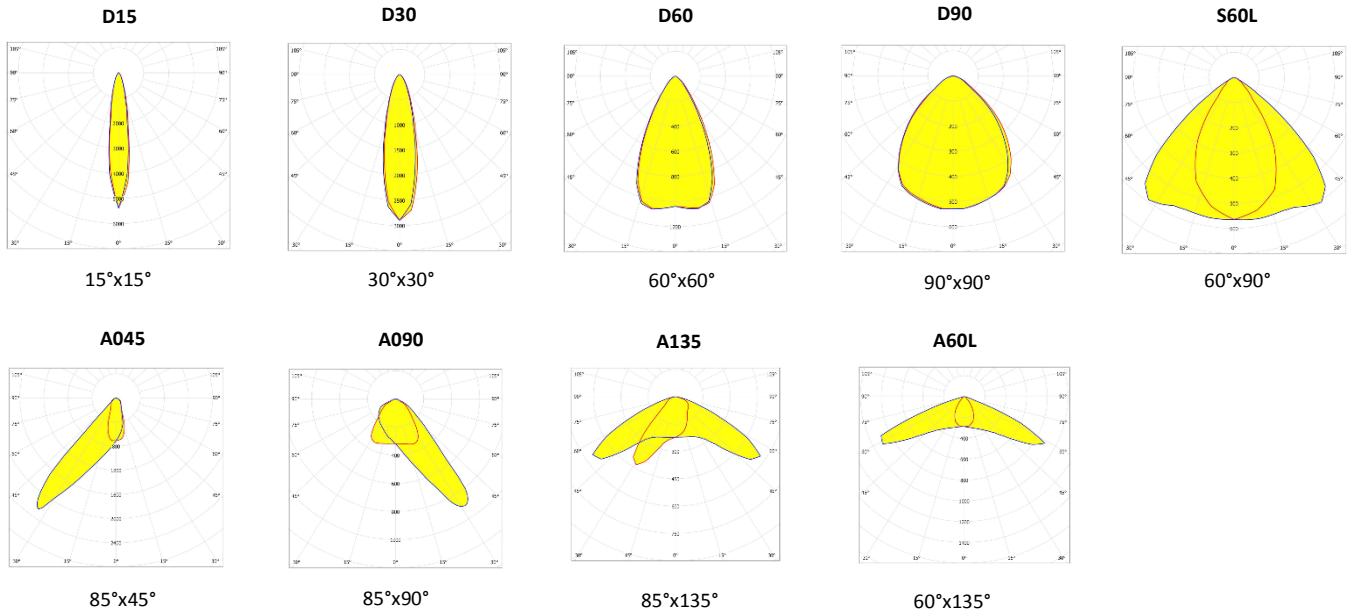
LUX-FLS-800



LUX-FLS-1000 / 1500



Photometrics



Ordering Information

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

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.