

Luxtronik



Apollo (FL)

60w-800w

Spec Sheet

Version 1.0
April 20, 2017

Luxtronik Technical Department

Apollo is Luxtronik's flagship product, engineered with our Industry leading fold fin thermal technology and designed for the high-end outdoor lighting market.

Features & Benefits

- Up to 800W and over 90,000 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

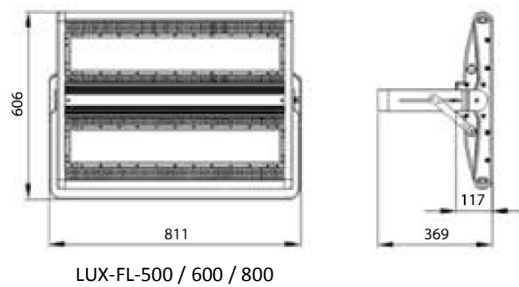
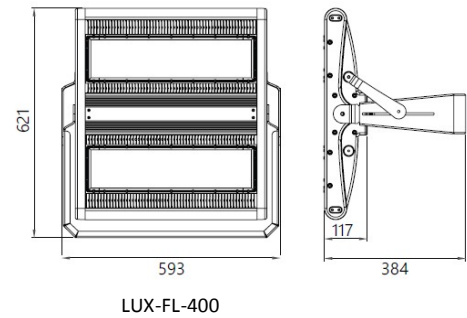
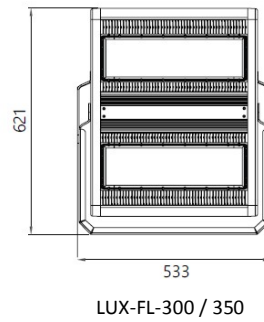
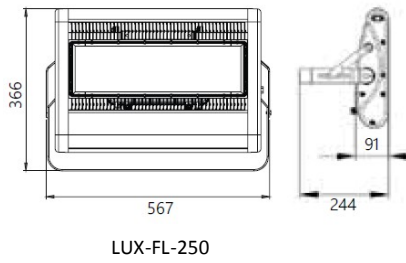
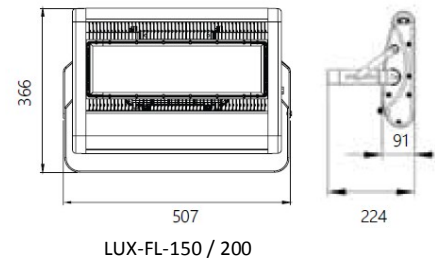
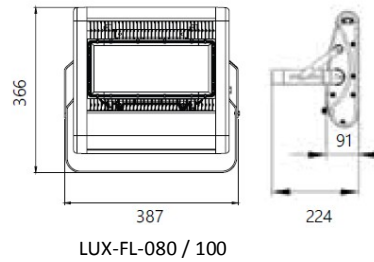
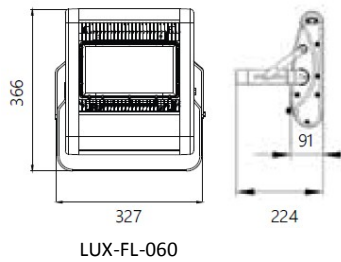
Description	Apollo LED Flood Light (FL)											
Recommended Product Location	Sports, site and area lighting applications											
Model	LUX-FL-060	LUX-FL-080	LUX-FL-100	LUX-FL-150	LUX-FL-200	LUX-FL-250	LUX-FL-300	LUX-FL-350	LUX-FL-400	LUX-FL-500	LUX-FL-600	LUX-FL-800
LED Max Power (W)	60	80	100	150	200	250	300	350	400	500	580	800
Typical System Power (W)	66	90	110	170	220	280	330	390	440	550	640	880
Typical Luminous Flux (lm)	7,200	9,600	12,000	18,000	24,000	30,000	36,000	42,000	48,000	60,000	70,500	96,800
Dimensions (mm)	327x91x366	387x91x366	387x91x366	507x91x366	507x91x366	567x91x366	533x91x621	533x91x621	593x91x621	811x117x606	811x117x606	811x117x606
Weight (kg)	5	6	6.5	8	8	9	17	17.5	19	27	27.5	29.5
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											
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

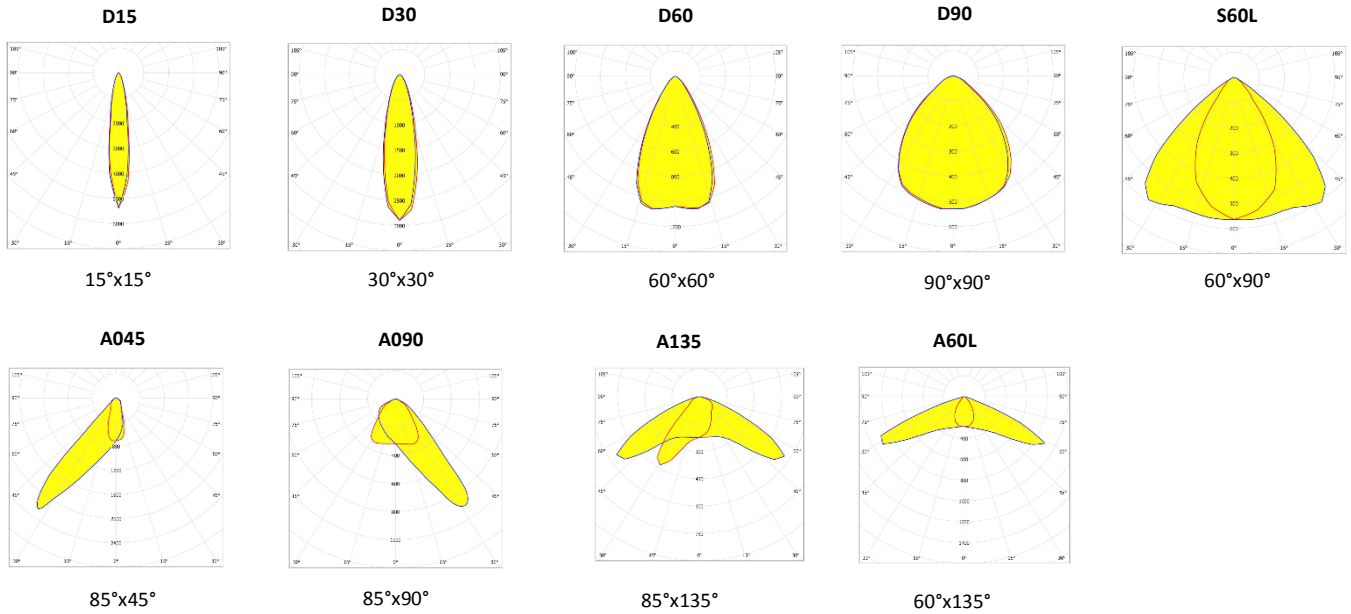
Sensor compatible

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

Dimensions



Photometrics



Ordering Information

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

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.