JASSTECH

The future is bright

SPORTS ULTRA II
LED Flood Lighting System

The **SPORTS ULTRA** continues to be one of the world's highest output flood lights in its class. It is the perfect solution for both retrofit and new projects.

Since its release in 2012 the **SPORTS ULTRA** has been installed on over a thousand sports fields and infrastructure projects across Europe; the Americas; and Australasia.

Efficient, rugged design and years of proven reliability means the **SPORTS ULTRA** is ideal for harsh environments as well as challenging installations.

This is all made possible through industry-leading optical design and our patented 'fold-fin' thermal technology. The result is excellent heat dissipation and market-leading performance.

BENEFITS

- ✓ From 400W to 1,500W and over 180,000 luminous flux
- ✓ 9 Optical packages mean the perfect solution for your application
- ✓ Exceptional heat dissipation using Fold-fin thermal technology
- ✓ Durable UV stabilised powder coated finish
- ✓ Rugged and reliable IP65 and IK08 protection
- ✓ Easy retrofit using the existing mast, wiring, and mounting arms
- ✓ No exposed cables and J-Box 'easy-connect' as standard
- ✓ Simple one step aiming means reduced installation costs
- ✓ Ultimate control and reduced glare with spill visors supplied as standard
- ✓ Suitable for mast heights from 4m to 20m
- ✓ Wireless control-ready and 0-10V, PWM andDALI Dimmable drivers as standard
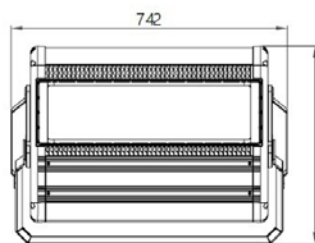

APPLICATIONS

Ideal Solution For:

- ➢ Sports courts, Fields and Tracks
- ➢ Indoor Sports Halls
- ➢ Aquatic Centres
- ➢ Parks and Playgrounds

- ➢ Road, Rail and Port Infrastructure Hubs
- ➢ Airport Aprons
- ➢ Carparks
- ➢ Industrial yards

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Technical Specification

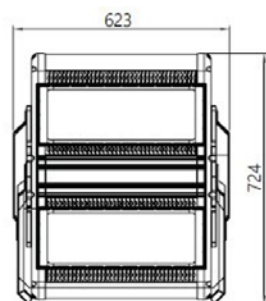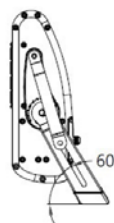| Model	FLS---400	FLS---500	FLS---600	FLS---800	FLS---1000	FLS---1500
LED Max Power (W)	400	500	580	800	1000	1400
Typical System Power (W)	440	550	640	880	1100	1550
Typical Luminous Flux (lm)	49,000	61,000	72,000	96,000	120,000	180,000
Module Package Dimensions (mm)	742x528x166	832x528x166	623x724x166	743x724x166	833x724x166	833x724x166
Total Luminaire Mass (kg)	19	22	23	31	36	36
Correlated Colour Temperature (CCT)	~5000K (other options available)					
Colour Rendering Index (CRI)	>Ra80					
System Efficacy (LER)	>110 lm/W					
LED Junction Temp. (@ Ta=25ºC)	≤75ºC					
Driver Position	Remote or on-board					
Input Voltage Range	240V and 415V options available					
Power Factor	>0.90					
Electrical Class	Class I					
Flicker Rate	<2%@100% power					
Dimming Control Options	1-10V, PWM, DALI, Wireless					
Ambient Operating Temperature	-40ºC to +45ºC					
Module Package Material	Aluminium (low copper content), SS 316 fasteners					
Optical Cover	Tempered Glass					
Finish	Black powder coated (customized RAL colour available upon request)					
Ingress Protection (IP)	Module Package=IP65/ Junction Box=IP66/ Driver=IP67					
IK (Impact) Rating	IK08					
Certifications	CE, CB, SAA, ETL					
Minimum Warranty	5-year/35,000-hour					

Dimensions

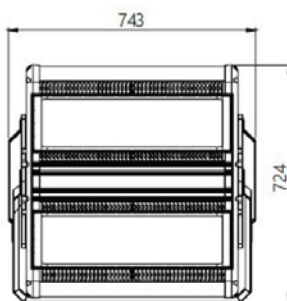
LUX-FLS-400
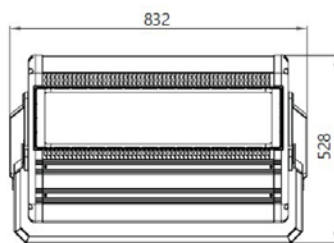
LUX-FLS-500

LUX-FLS-600

LUX-FLS-800

LUX-FLS 1000 / 1250 / 1500

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Photometrics

D15	D30	D60	D90	S60L
15°x15°	30°x30°	60°x60°	90°x90°	60°x90°

A045	A090	A135	A60L
85°x45°	85°x90°	85°x135°	60°x135°
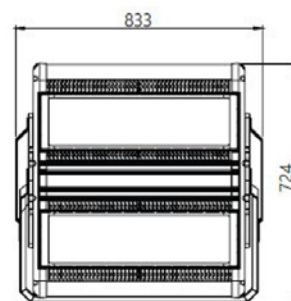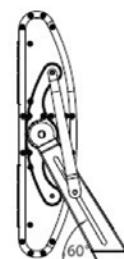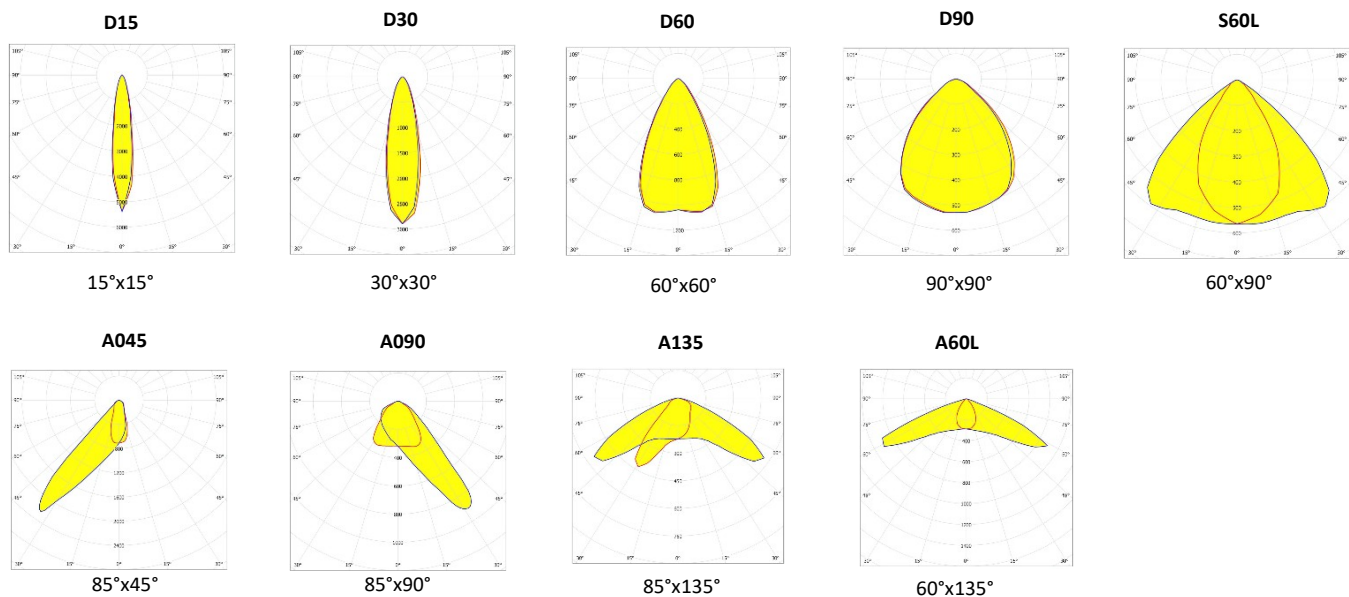
Ordering Information

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°	
	1250 = 1250W			**A045** = 85°x45°	
	1500 = 1500W			**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.