LUMAX Defines the Future of Sports Lighting

LUMAX LED floodlight is a powerful and versatile lighting solution. It's a revolutionary floodlight system for sports and area lighting with unrivaled performance, efficiency and light quality.

With advanced optics and LED technology, the lumen efficiency is up to 180lm/W, which provides exceptional illumination for sports fields, arenas and large outdoor spaces. Its modular design allows for easy installation and maintenance.

Thanks to low copper aluminum alloy body and special powder coating, the luminaire can withstand harsh environments, making it a reliable choice for high mast lighting solutions worldwide.



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Designed for Reliability

Long-lasting performance.

Innovative magnetic aiming-device greatly saves mounting time and labor costs.

Low copper aluminum alloy with excellent anti-corrosive ability, making the luminaire a reliable choice for harsh environment.



Additional lamp shield provides excellent spill light control

Safety wire



Stepless adjustment bracket adjust the tilt angle accurately, enable the optimal lighting results.

Robust and tought bracket with special powder coating, pass 1500hours salt spray test.

With advanced optics and LED technology, lumen efficiency is up to **180lm/W**.

20KV SPD

Reduce SKU and Tariffs Costs

LUMAX's modularity enables the flexibility in higher power wattage with stocking different modules. The module with different optics can be powered by same driver, which can help to reduce the SKU and manage the inventory easily. What's more, import as SKD can help to reduce the tariffs.



Most Cost-effective Way for Maintenance

Individual module design ensure continuous function when one module failure caused by a short or open circut, effectively reducing maintenance costs.

Flexibility - both in terms of application and user needs

High level of efficiency both in terms of cost and performance

Future-proof

Easy to install and maintain



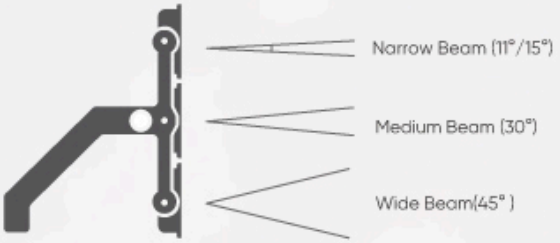


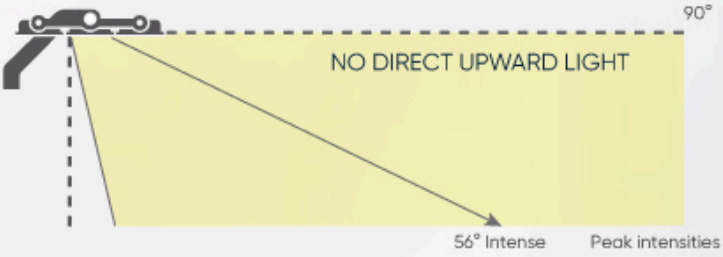
Optical System

LUMAX combines maximum optical efficiency and flexibility with minimum light spill, the lumen efficacy is up to 180lm/W at symmetrical optics and up to 154lm/W at asymmetric optics.

To help with uniformity on medium and large-scale outdoor sports fields, the ASYM 56° intense version is available. Coming soon there will be other asymmetric intense light distributions for small-size outdoor and indoor sports fields.

Symmetrical Lighting Distributions	Asymmetrical Lighting Distribuions
11°/ 15°/ 30°/ 45°	A56

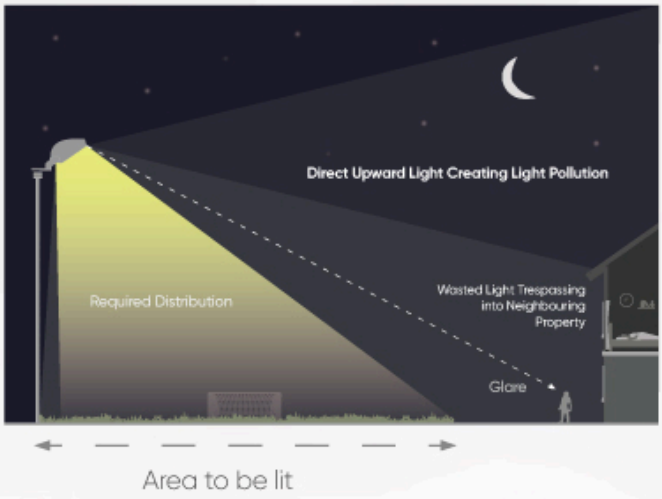




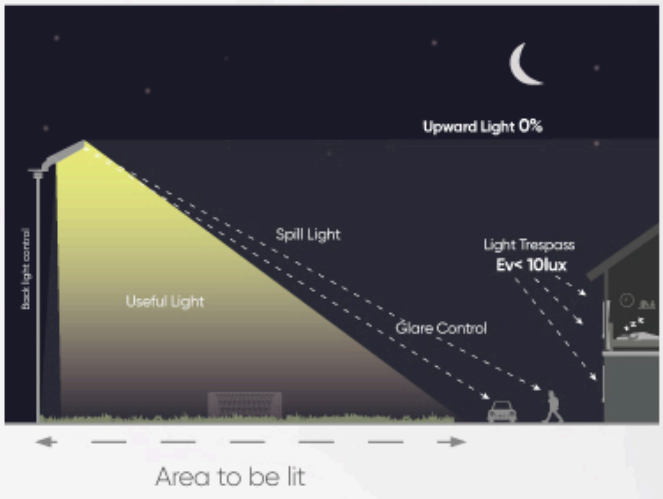
Keeping Your Neighbours Happy

Thanks to our full cut-off technology, the impossible becomes possible. The stray light is cut off through perfect light bundling. The ULR is 0% in horizontal alignment, it also ensure less light trespass to neighbours.

Other Floodlights



SP12 Floodlight

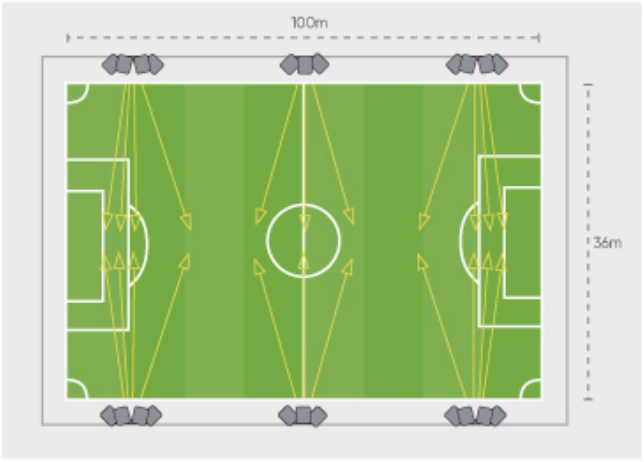


Illumination Class I

High-performance competitions

Floodlight Type	SP12-1K8-5770-F16013
Initial Lamp Lumens	261413 lm
Quantities	22pcs
Poles	6×18m
System Power	39.6kW

Design	ACHIEVED	REQUIRED
Illuminance (Eh ave)	520	500
Uniformity min/ave	**0.7**	0.7
Glare rating (max)	42	50
Upward Light Ratio	**0%**	
Maintenance factor	0.8	

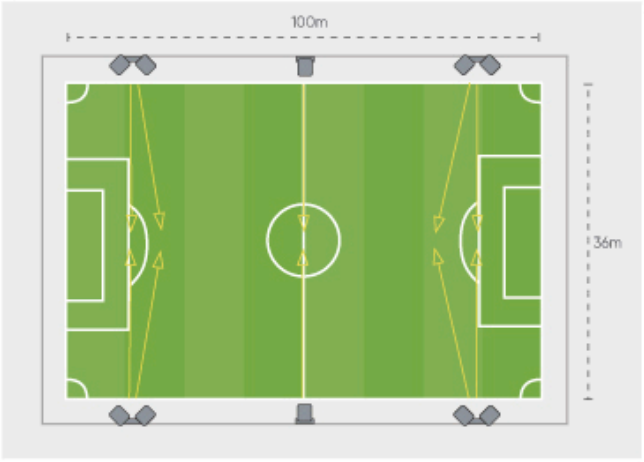


Illumination Class II

Medium-level competitions

Floodlight Type	SP12-1K8-5770-F16014
Initial Lamp Lumens	260032 lm
Quantities	10pcs
Poles	6×18m
System Power	18.0kW

Design	ACHIEVED	REQUIRED
Illuminance (Eh ave)	210	200
Uniformity min/ave	**0.74**	0.6
Glare rating (max)	41	50
Upward Light Ratio	**0%**	
Maintenance factor	0.8	

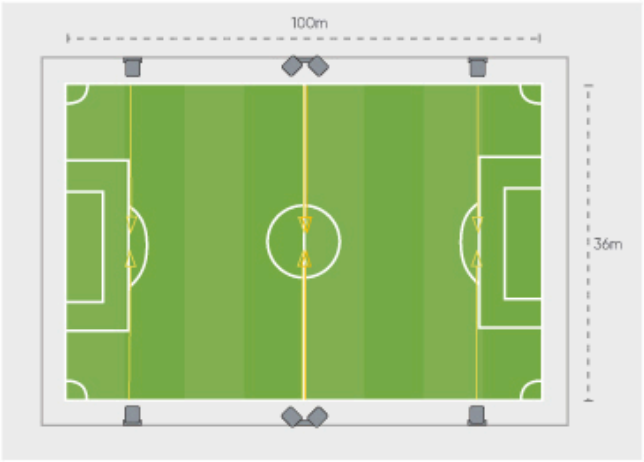


Illumination Class III

General training and recreational sports

Floodlight Type	SP12-750-5770-F16013/F16014
Initial Lamp Lumens	103087 lm
Quantities	8pcs
Poles	6×18m
System Power	6kW

Design	ACHIEVED	REQUIRED
Illuminance (Eh ave)	76	75
Uniformity min/ave	**0.61**	0.5
Glare rating (max)	41	50
Upward Light Ratio	**0%**	
Maintenance factor	0.8	



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ADDITIONAL PRODUCT SPECIFICATIONS

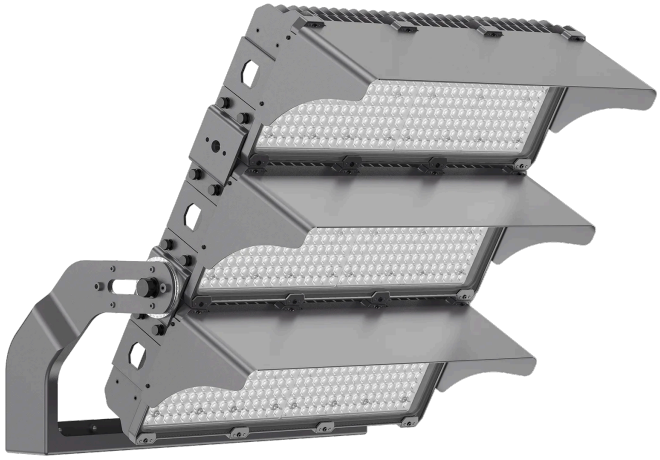
Series Code	SP12
Power	600W, 750W, 1200W, 1500W, 1800W
Efficacy	Up to 180
Input Voltage	220-420VAC, 50 / 60 Hz
Power Factor	>0.97
CCT	3000K, 4000K, 5700K
CRI(Ra)	70, 80, 90
Control	0-10V dimmable, DALI, DMX optional
IP Rating	IP66
IK Rating	IK08
Mounting Option	Bracket Mounting
Warranty	5 Years
Surge Protection	20KV line-earth
Operating Temperature	-30°C to + 50°C

Lumax is specifically designed for large, demanding spaces like sports facilities and industrial zones. With up to 180lm/W efficacy, it significantly reduces the number of fixtures needed for optimal lighting. Its adjustable design and movable mounting bracket ensure easy installation, precise light distribution, and uniform coverage. Featuring 20kV surge protection and C5-class corrosion resistance, Lumax ensures long-lasting performance in challenging conditions.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4

PRODUCT VIEWS



VIEW 5



VIEW 6