KIRITO



SP30

High-Value LED Sports Light

Purpose-built for Europe's price-conscious padel and pickleball venues. Offering up to 170 lm/W of professional output in a compact, lightweight design, the cost-effective choice for small to mid-sized indoor and outdoor courts.

- IP66
- IK08
- Up to 170lm/W
- C5 anti-corrosion
- CE
- RoHS
- Tennis court
- Padel court



Market Insight

Padel is one of the fastest-growing sports globally, with over 25 million active players across more than 90 countries. Meanwhile, Pickleball has seen explosive growth, becoming the fastest-growing sport in the U.S. for three consecutive years.

This rapid expansion creates enormous demand for cost-effective, professional-grade lighting solutions that meet European EN 12193 standards for both indoor and outdoor courts.

90
Countries

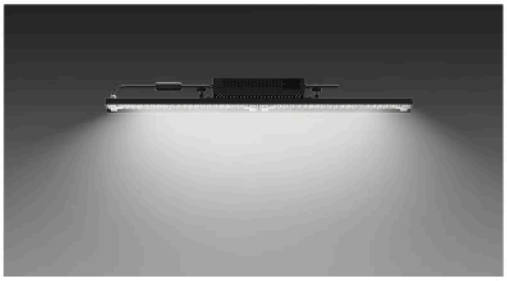
2500
Million members



SP30 was born for this moment: professional performance at an accessible price.



Core Advantages



Energy Efficient

Asymmetric PC lens delivers up to 170 lm/W, precisely directing light onto the playing surface and minimizing spill light. Up to 30% energy savings compared to conventional floodlights.



Robust & Reliable

One-piece die-cast aluminum housing with advanced fin-based thermal management. IP66 waterproof, IK08 impact resistance, and C5 anti-corrosion coating ensure long-term performance in harsh outdoor environments.



Lightweight

Upgraded mounting bracket reduces weight without compromising strength — the 200W model weighs only 4.0 kg, making installation and maintenance significantly easier and faster.

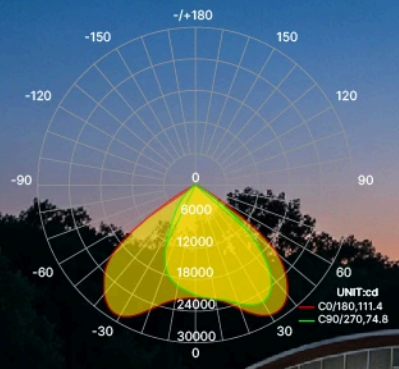


Flexible Options

Four mounting options (Bracket / Ceiling / Suspension / Pole) and three power tiers (200W / 240W / 320W) adapt to any venue layout and lighting requirement.

Precise Light Distribution

The advanced asymmetrical 30° lens is specifically designed for racquet sports courts, providing precise lighting coverage across the entire playing area with exceptional illuminance uniformity.



Padel Court Solutions

Six pre-engineered lighting schemes for standard padel courts (20m×10m, 4 poles×6m, MF=0.9), all verified by DIALux simulation and fully compliant with EN 12193.

Customers can choose the right scheme based on venue type (indoor/outdoor) and competition level (Class I/II/III) — no complex lighting calculation needed.

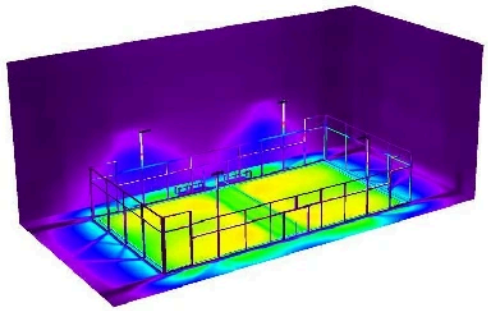
SP30 Padel Lighting Simulations · Scheme Overview & Comparison (Court 20m x 10m = 200 sqm, 4 poles x 6m, maintenance factor MF 0.9)

Scheme	Slide	Scene	EN Class	EN12193 Eh req. (lx)	Luminaire config (model·CCT·optics)	Qty	Unit power (W)	System power (W)	Simulated Eh ave (lx)	U1 Emin/ Eave	U2 Emin/ Emax	Ra	Max GR	ULR	MF	Poles / height
A	S1	Indoor	Class III	300	4xSP30 240W 5000K F08101	4	240	960	417	0.87	0.8	70	32	0	0.9	4 poles x 6m
B	S2	Indoor	Class II	500	4xSP30 320W 5000K F08101	4	320	1280	572	0.86	0.78	70	32	0	0.9	4 poles x 6m
C	S3	Indoor	Class I	750	8xSP30 240W 5000K F08101	8	240	1920	777	0.89	0.81	80	32	0	0.9	4 poles x 6m
D	S4	Outdoor	Class II	300	4xSP30 200W 5000K F08101	4	200	800	338	0.85	0.78	70	40	0	0.9	4 poles x 6m
E	S5	Outdoor	Class II	300	4xSP30 240W 5000K F08101	4	240	960	390	0.86	0.79	70	41	0	0.9	4 poles x 6m
F	S6	Outdoor	Class I	500	4xSP30 320W 5000K F08101	4	320	1280	534	0.85	0.76	70	41	0	0.9	4 poles x 6m

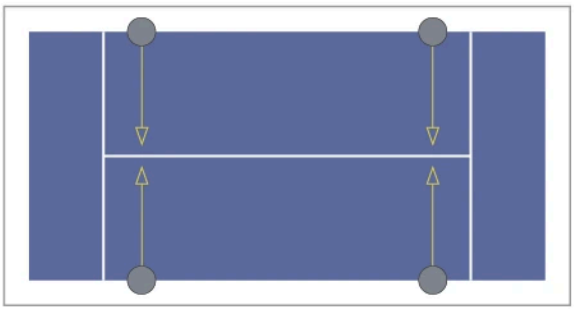
Indoor Padel,Class I

EN12193:E h ave >750 lux





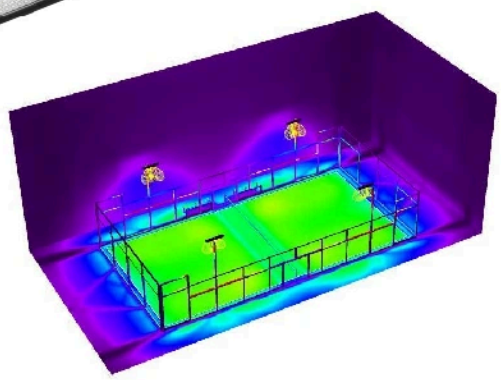
Poles	4×6m		
Floodlight	8×SP30 240W 5000K F08101		
System Power	1.92KW		
Eh ave	777lux		
Emin/Eave	0.89	Emin/Emax	0.81
Ra	80	GR Max	32
ULR	0.0%	MF	0.9



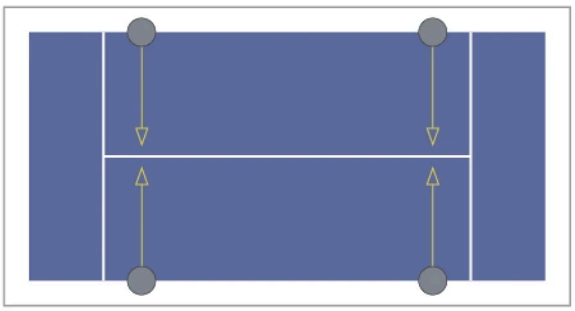
Indoor Padel,Class II

EN12193:E h ave >500 lux





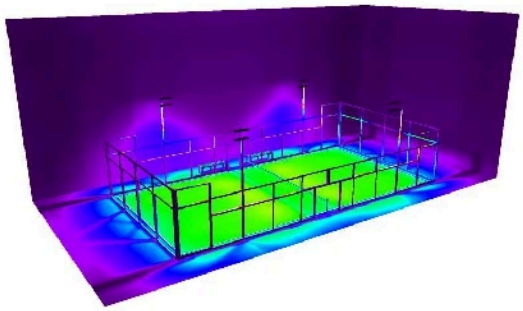
Poles	4×6m		
Floodlight	4×SP30 320W 5000K F08101		
System Power	1.28KW		
Eh ave	572lux		
Emin/Eave	0.86	Emin/Emax	0.78
Ra	70	GR Max	32
ULR	0.0%	MF	0.9



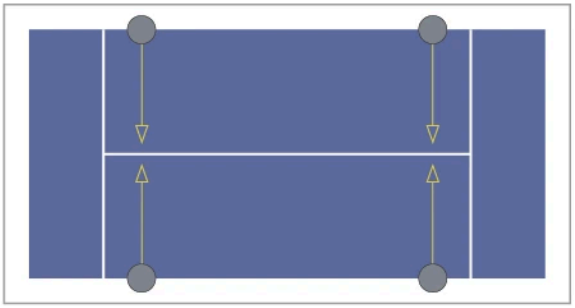
Indoor Padel,Class III

EN12193:E h ave >300 lux





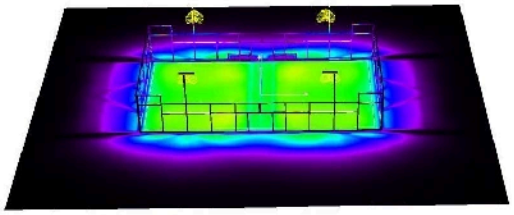
Poles	4×6m		
Floodlight	4×SP30 240W 5000K F08101		
System Power	960W		
Eh ave	417lux		
Emin/Eave	0.87	Emin/Emax	0.80
Ra	70	GR Max	32
ULR	0.0%	MF	0.9



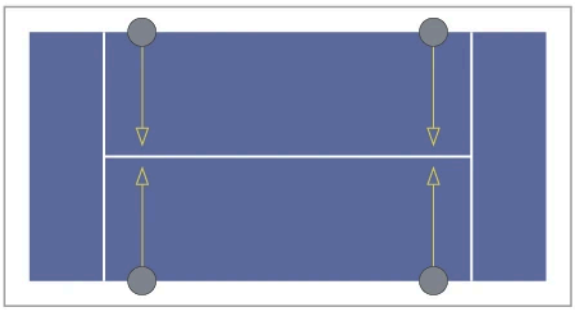
Outdoor Padel,Class I

EN12193:E h ave >500 lux





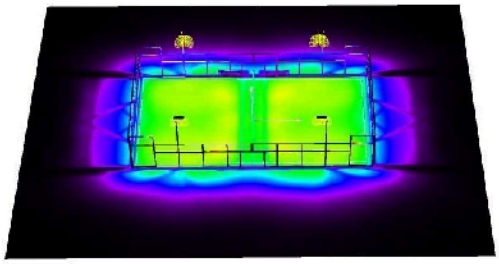
Poles	4×6m		
Floodlight	4×SP30 320W 5000K F08101		
System Power	1.28KW		
Eh ave	534lux		
Emin/Eave	0.85	Emin/Emax	0.76
Ra	70	GR Max	41
ULR	0.0%	MF	0.9



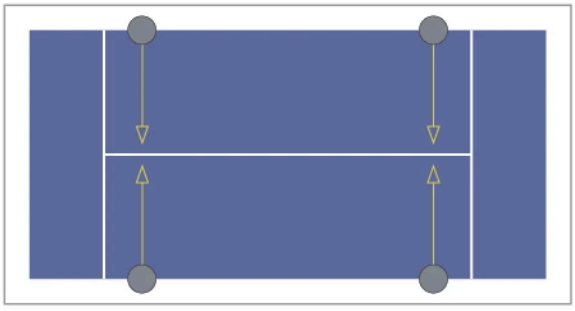
Outdoor Padel,Class II

EN12193:E h ave >300 lux





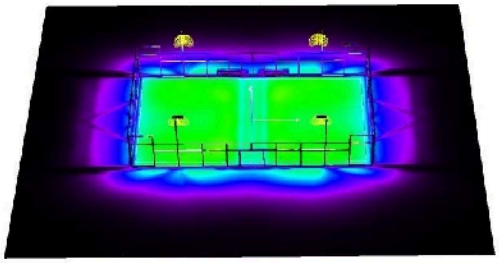
Poles	4×6m		
Floodlight	4×SP30 240W 5000K F08101		
System Power	960W		
Eh ave	390lux		
Emin/Eave	0.86	Emin/Emax	0.79
Ra	70	GR Max	41
ULR	0.0%	MF	0.9



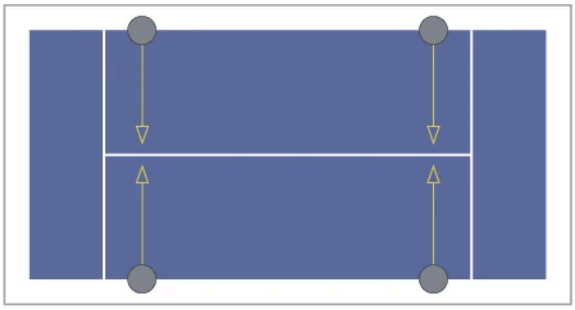
Outdoor Padel,Class II

EN12193:E h ave >300 lux





Poles	4×6m		
Floodlight	4×SP30 200W 5000K F08101		
System Power	800W		
Eh ave	338lux		
Emin/Eave	0.85	Emin/Emax	0.78
Ra	70	GR Max	40
ULR	0.0%	MF	0.9



Application Inspiration

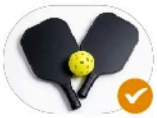
While SP30 is engineered for padel and pickleball, its compact design, high efficacy, and flexible mounting make it a versatile solution for a wide range of sports and recreational venues.



Racket Sports



- **Padel Courts (Indoor/Outdoor)**
  6 pre-engineered schemes, EN 12193 Class I-III



- **Pickleball Courts**
  Ideal for both indoor clubs and outdoor community courts



- **Tennis Courts (Club/Recreational)**
  4-6 fixtures per court for training and recreational play



- **Badminton Courts**
  Suspension mounting for high-ceiling halls, glare-free for overhead shots

Multi-sport & Recreation



- **Multi-sport Halls**
  One fixture type covers badminton, table tennis, volleyball, basketball training



- **School Gymnasiums**
  Cost-effective solution for educational facilities, dimmable for assembly mode



- **Community Sports Centers**
  Indoor/outdoor courts, fitness areas, and walking tracks

One product, endless possibilities. Let your venue shine.

ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	SP30
Power	200W, 240W, 320W
Efficacy	170lm/W
Power Factor	>0.95
CCT	5000K
CRI(Ra)	70
Control	0-10V
Corrosion Class	C5
Class Electrical Equipment	Class I
IP Rating	IP66
IK Rating	IK08
Mounting Option	Bracket Mounting, Wire Suspension, Pole Mounting, Ceiling Mounting
Warranty	5 Years
Operating Temperature	-30°C to + 50°C

Engineered for padel and pickleball courts, the SP30 LED sports light delivers high performance at an accessible investment. Its lightweight build pairs with PC lenses to achieve an efficacy of up to 170 lm/W, cutting energy costs while providing bright, uniform court lighting. Built to withstand outdoor conditions, it features IP66 weatherproofing, IK08 impact resistance, and C5 corrosion resistance. Flexible bracket, ceiling, suspension, and pole mounting options make installation straightforward across any indoor or outdoor facility layout.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4