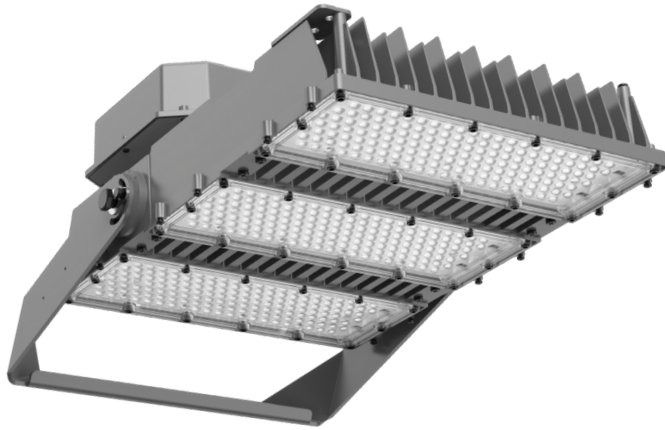




HSP08



LED Sports Light for Safe Environments

Efficient lighting solutions designed as per space requirements

19500 to 163900lm.



+852 3853 3890

www.hazbrite.com



ABOUT US

- Trusted provider of robust LED lighting engineered for the most challenging industrial settings
 - Supporting clients across industries like oil & gas, mining, manufacturing, and marine sectors.
 - Committed to excellence, reliability, and adherence to the highest safety standards.
-

WHY CHOOSE HAZBRITE

⇒ SAFETY YOU CAN COUNT ON :

- Thoroughly tested by experts to meet stringent safety requirements.
- Compliant with industry-leading certifications and protocols.
- Built to deliver long-lasting performance in demanding condition.

⇒ FAST AND RELIABLE DELIVERY OF PRODUCTS :

- Majority of orders fulfilled on time delivery.
- Immediate availability of products for urgent needs.
- Real-time tracking for complete visibility and control.

⇒ EXPERTISE DRIVEN SERVICES :

- Dedicated support team with deep industry knowledge.
- Customized lighting solutions tailored to your project's need.
- Comprehensive after-sales support and maintenance.

⇒ ECO - CONSCIOUS SOLUTIONS ;

- High-efficiency lighting that cuts energy usage.
 - Environmentally responsible design and packaging.
 - Sustainable products that reduce waste and operational costs.
-

**SETTING THE STANDARD IN SAFETY-ORIENTED
LIGHTING FOR CRITICAL, HAZARDOUS & SAFE
OPERATIONS ALIKE.**

DESCRIPTION

SP08 is a super cost-effective sport light, its compact size and light weight make it good choice for both distribution channel and projects. It has popular power range and beam patterns, which can satisfy most recreational sports and area lighting.

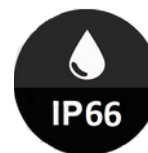
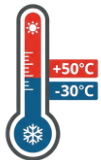
GENERAL INFORMATION

Mounting bracket materials	ZAM for 200 to 600W / SPCC for 800 to 1200W
Mounting bracket finish	Special suace treatment+Powder coating
Electrical class	Class I
CCT selection DIP switch	NO
Power selection DIP switch	NO
Emergency	NO
Sensor	NO
Light source SDCM	<5
Impact resistance	IK08
Ingress protection	IP66
Category of corrosion	C3(ISO 9223:2012)
Certification	CE/CB/ROHS/C-TICK
Warranty (years)	5
Operating Temperature	-30 to +50

Note : Product Specifications and Design subject to change without notice

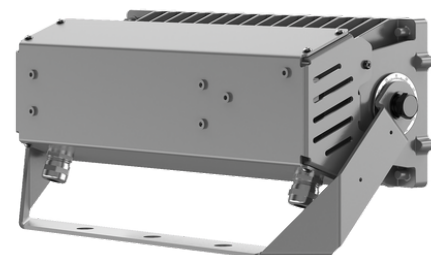
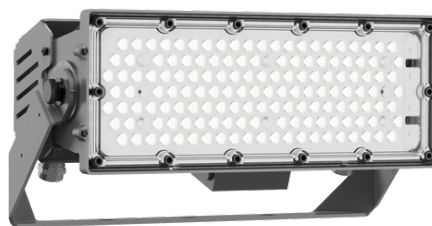
GENERAL INFORMATION

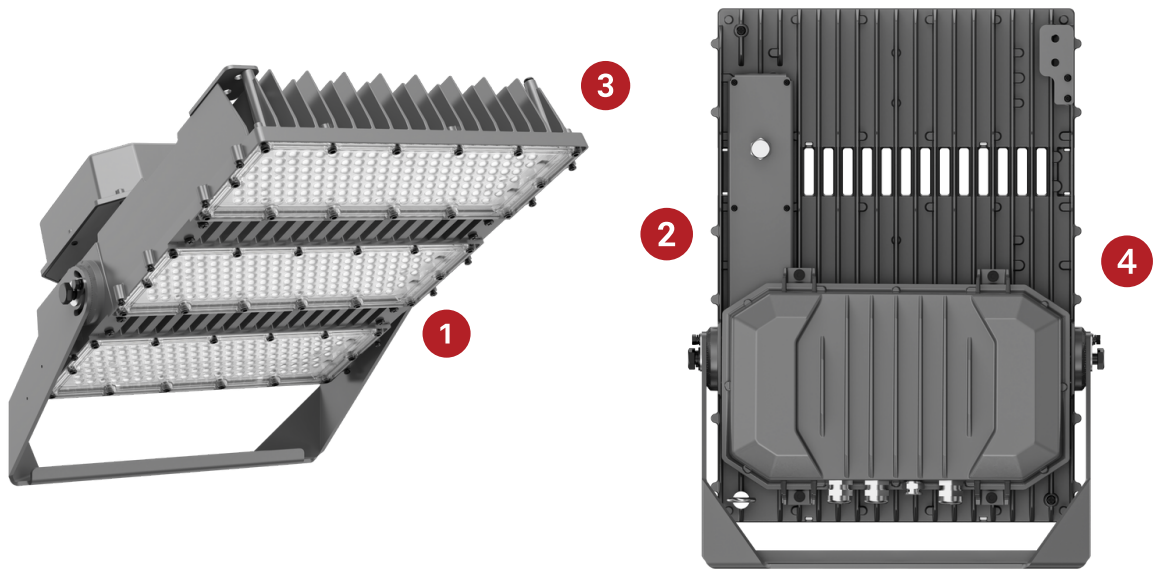
Lifespan of LED @Ta=25°C(hrs)	36,000-L90B10	
	96,000-L80B10	
	152,600-L70B10	
Suffix	DALI	Example 200W
/D	✓	SP08-200/D



STANDARD MATERIALS

- Housing materials - Aluminium Alloy
- Housing finish - Powder Coating
- Optic materials - Polycarbonate(PC)
- Fixture color - Gray RAL870-3





KEY FEATURES

1. Popular power range, 200W 400W 600W 800W 1200W, lumen package from 19500 to 163900lm.
2. Compact size and light weight, easy for installation and maintenance.
3. Small size, good choice for relamping project.
4. Symmetric and asymmetric beam patterns optional.

ADDITIONAL FEATURES

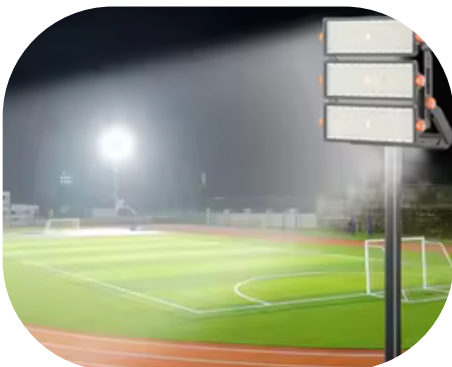
- Nominal Voltage : 120-240Vac, 50/60Hz
- Power Factor : >0.95
- CCT Adjustable : 3000K/4000K/5000K/5700K)
- Surge Protection : 10KV L-N, 10KV L/N-E
- Control : ON/OFF or DALI
- CRI(Ra) : Ra70 / Ra80
- Operating temperatures : -30 to +50
- Wall mounting options



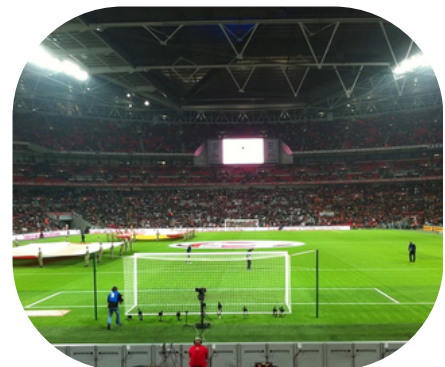
APPLICATIONS



Tennis Court



Sport Fields



Football Court

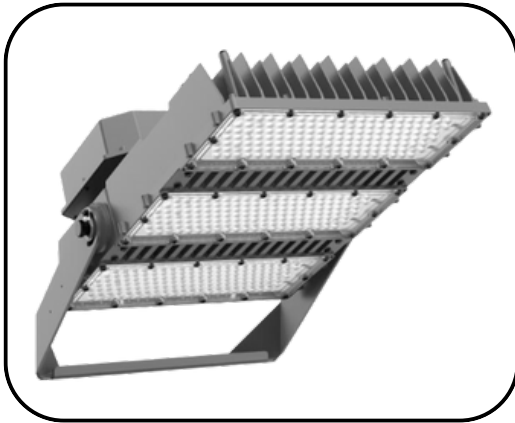
TECHNICAL DATA

Model No.		HSP08-200	HSP08-400	HSP08-600	HSP08-800	HSP08-1K2
Nominal wattage(W) ±5%		200	400	600	800	1200
Driver type		Constant current(CC)				
Control		ON/OFF or DALI				
Nominal voltage(V)		120-240Vac, 50/60Hz				
Power factor(at full load)		>0.92		>0.95		
Flicker factor		<1%				
THD		<20%@277V				
Surge protection		10KV L-N, 10KV L/N-E				
Light source		LED 3030				
Color rendering index		Ra70 / Ra80				
General luminous efficacy(lm/W)		136lm/W@5700K Ra70				
Color temperature(K)		1-CCT: 3000K/4000K/5000K/5700K				
Luminous flux(lm) ±10% Ra70	1-CCT	22000-27000lm	46600-54400lm	67600-82000lm	94000-109100lm	137600-163900lm
Luminous flux(lm) ±10% Ra80	1-CCT	19500-24400lm	41200-49300lm	59400-74200lm	83600-98800lm	121000-148100lm
Beam angle		F14502/ F14503/ F14504/ F14505/ F14506				

TECHNICAL DATA

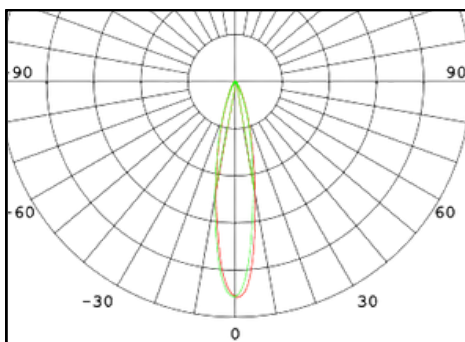
Luminaire windage area (SCx)(m ²)	at 0°	0.05	0.07	0.07	0.13	0.13
	at 20°	0.06	0.09	0.09	0.18	0.18
	at 40°		0.10	0.13	0.21	0.27
	at 60°		0.11	0.17	0.22	0.33
Operating temperature (°C)		-30 to +50				
Lifespan of LED @Ta=25°C(hrs)		36,000-L90B10				
		96,000-L80B10				
		152,600-L70B10				

MOUNTING OPTIONS

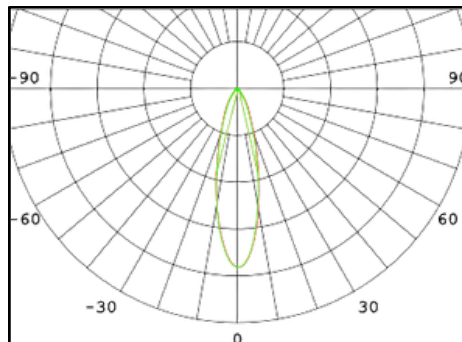


Bracket mounting

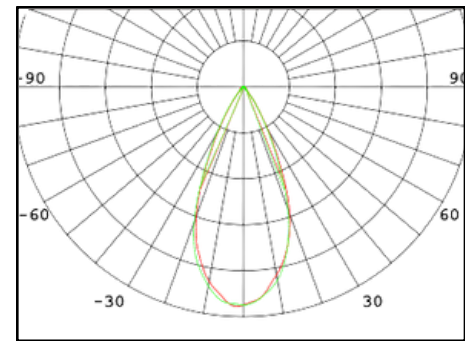
BEAM DISTRIBUTION DATA



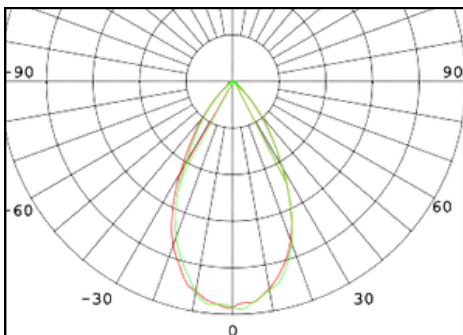
Symmetrical 18° F14502



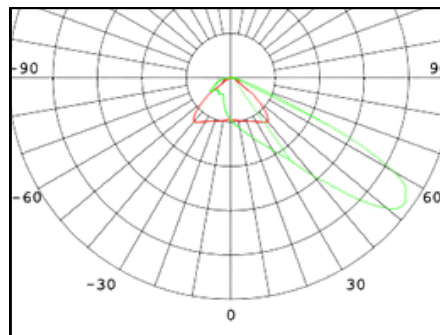
Symmetrical 30° F14503



Symmetrical 45° F14504

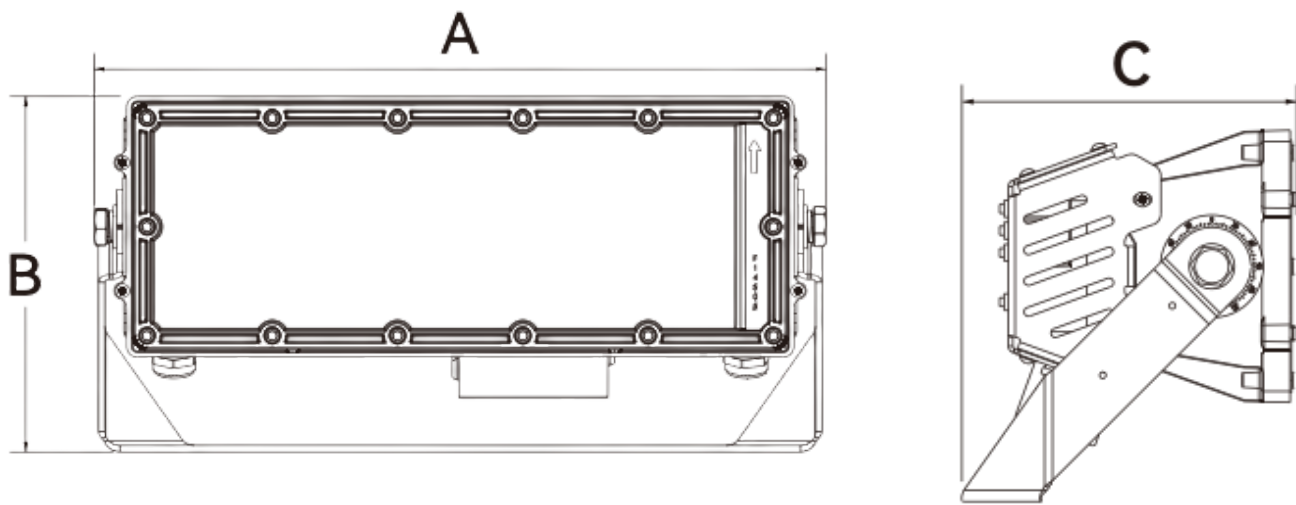


Symmetrical 60° F14505



Asymmetrical intense 56°
F14506

DIMENSIONS



Product code	Luminaire dimensions AxBxC (mm)	Product weight(kg) ±6%	Package weight(kg) ±6%	Carton size (mm)	Qty/ CTN
		N.W/PC	G.W/CTN		
SP08-200	343x166x150	4.37	5.17	395x265x160	1
SP08-400	365x327x230	9.1	10.2	460x425x200	
SP08-600	365x491x230	11.3	12.6	540x425x200	
SP08-800	698x330x243	18.4	20.1	770x475x200	
SP08-1K2	698x494x243	22.9	25.1	775x555x200	

CONTACT THE HAZBRITE TEAM FOR MORE ENQUIRIES.

HAZBRITE

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Disclaimer

The information provided is accurate to the best of Hazbrite's knowledge at the time of publication. However, customers and end-users should consult the latest product specifications, installation guides, terms, and warranties available at www.hazbrite.com, which shall take precedence in case of any discrepancies or conflicts.