

SPN SERIES SPORTS LIGHT NATATORIUM

Client:
 Project:
 Type:
 Quantity:

CONSTRUCTION

Aluminum alloy housing with IK08 impact resistance. Bracket is constructed of ZAM (zinc, aluminum, magnesium alloy) material with a powder coat finish. Fixture is C4 rated for corrosion resistance. 180° rotatable module allows precise adjustment of upward and downward light distribution.

OPTICS

Multiple precision engineered distributions (symmetrical 33°, 43° and asymmetrical intense 35°), optics are designed to shape the distribution, maximizing efficiency and maintaining high levels for various sports field applications.

Light engine available in 5000K (80+ CRI) configurations with high efficacy up to 155 lm/W.

Scalable lumen package from 22,780 to 88,320 lumens.

ELECTRICAL

-30°C minimum to 50°C (-22°F to 122°F) maximum operating temperature.

Class I constant current drivers with expected life of 262,000 hours (L70).

>.9 power factor, <20% total harmonic distortion, built-in 6kV surge protection.

Driver operates at 120-277V input, 0-10V dimmable.

Optional 277-480V input.

SENSOR / CONTROLLER

Optional: Synapse Wireless ProFX Lighting Control System

MOUNTING

Standard 3FT chain mount for suspended installation.

Optional 3/4" NPT adapter for pendant mount.

Optional yoke mount.

STANDARD FINISH

White corrosion resistant powder coat finish, C4-rated corrosion resistance provides added durability in industrial and coastal environments with moderate salt exposure.

CERTIFICATION

IK08 Rating.

IP65 Wet Location Listed.

Meets Buy America Act requirements.

All luminaires are built to UL1598 standards and bear appropriate cULus labels.

WARRANTY

5 year warranty, see Limited Warranty for additional information.



SPN-300



SPN-600

SHIPPING DATA

Product	Measurement	Weight
SPN-300	22"L x 19"W x 9"H	29 lb
SPN-600	26"L x 21"W x 7"H	42 lb



SPN SERIES SPORTS LIGHT NATATORIUM

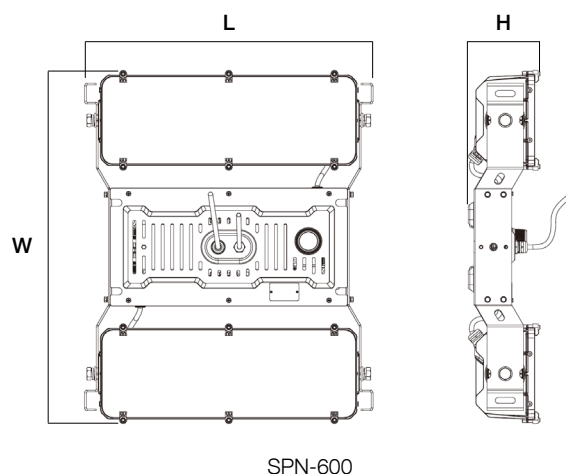
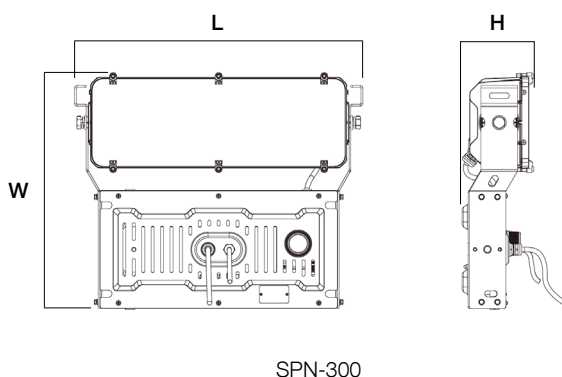
ORDER INFORMATION				EXAMPLE: SPN 600 50 33 YM WH HD			
Fixture	Series	Power & LM	CCT	Distribution	Mounting	Finish	Input
	SPN		50			WH	
Accessories Options							
A	SERIES						
	SPN	Sports Light Natatorium					
B	POWER & LM						
	CODE	POWER		LUMENS			
	300	Field Selectable 150W / 225W / 300W		22,780lm ~ 46,070lm			
	600	Field Selectable 300W / 450W / 600W		46,080lm ~ 88,320lm			
C	CCT						
	50	5000K					
D	DISTRIBUTION						
	33	33° Symmetrical					
	43	43° Symmetrical					
	AI35	35° Asymmetrical Intense					
E	MOUNTING						
	CM	Chain Mount (3FT - Standard)					
	PMK	Pendant Mount Kit - 3/4" NPT Adapter (Rod Provided by Others)					
	YM	Yoke Mount					
F	FINISH						
	WH	White Finish					
G	INPUT						
	UD	120-277V input, 0-10V Dimming					
	HD	277-480V input, 0-10V Dimming					
H	ACCESSORIES/OPTIONS						
	BAA	Assembled in America, compliant with BAA (COTS)					
	SHIELD-SPN-____	Glare Shield for SPN - Symmetrical 33° / 43° Distribution 300W (1:1), 600W (2:1)					
	SHIELD-SPN-AI-____	Glare Shield for SPN - Asymmetrical Intense 35° Distribution 300W (1:1), 600W (2:1)					
	SURGE-LSP4-U / -H	10kV inline Surge Protection for Universal input / U: 120-277V, H: 480V input					
	SYNAPSE	Synapse Wireless ProFX Lighting Control System (Consult factory)					

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DIMENSIONS

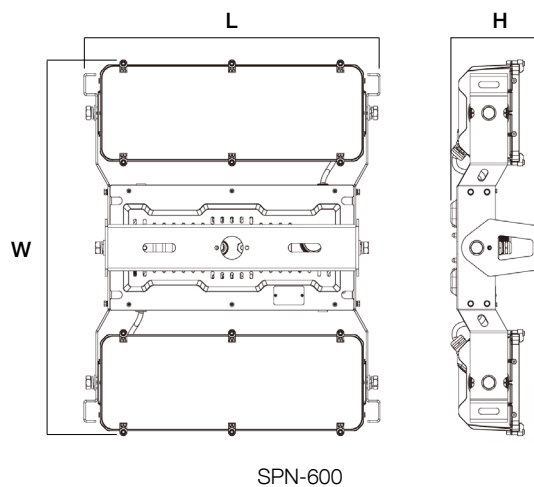
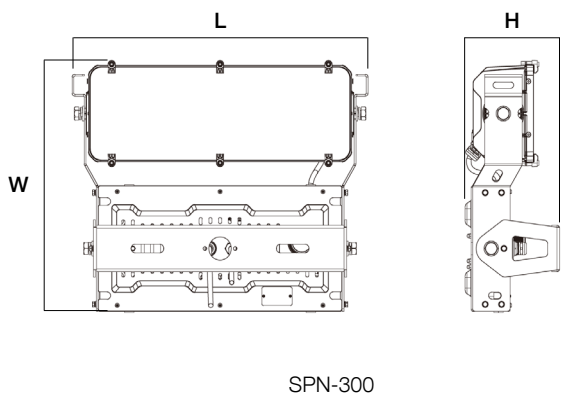
SPN

Model	L	W	H
SPN-300	19.25" (489mm)	15.75" (400mm)	4.8" (122mm)
SPN-600	19.25" (489mm)	23.58" (599mm)	4.8" (122mm)



SPN with bracket for Yoke Mount and Pendant Mount Kit

Model	L	W	H
SPN-300	19.25" (489mm)	15.75" (400mm)	6.14" (156mm)
SPN-600	19.25" (489mm)	23.58" (599mm)	6.14" (156mm)



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MOUNT OPTIONS

SPN-300

CM Chain Mount (3FT)



PMK Pendant Mount Kit - 3/4" NPT Adapter
 (Rod Provided by Others)



YM Yoke Mount



SPN-600

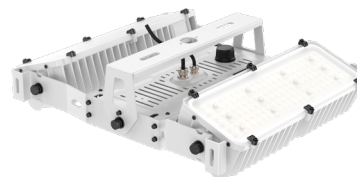
CM Chain Mount (3FT)



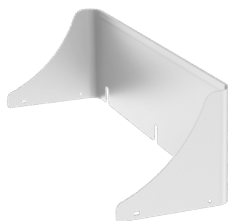
PMK Pendant Mount Kit - 3/4" NPT Adapter
 (Rod Provided by Others)



YM Yoke Mount

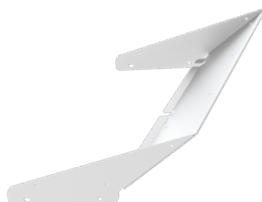


ACCESSORIES



SHIELD-SPN

Glare Shield for SPN -
 Symmetrical 33° / 43° Distribution



SHIELD-SPN-AI

Glare Shield for SPN -
 Asymmetrical Intense 35° Distribution



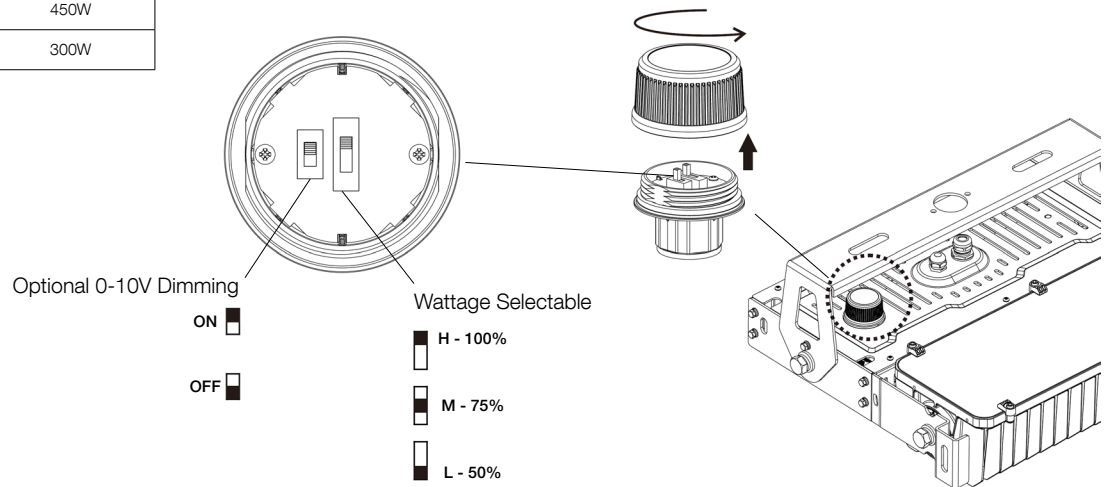
3/4" NPT Adapter

For PMK - Pendant Mount Kit
 (Rod Provided by Others)

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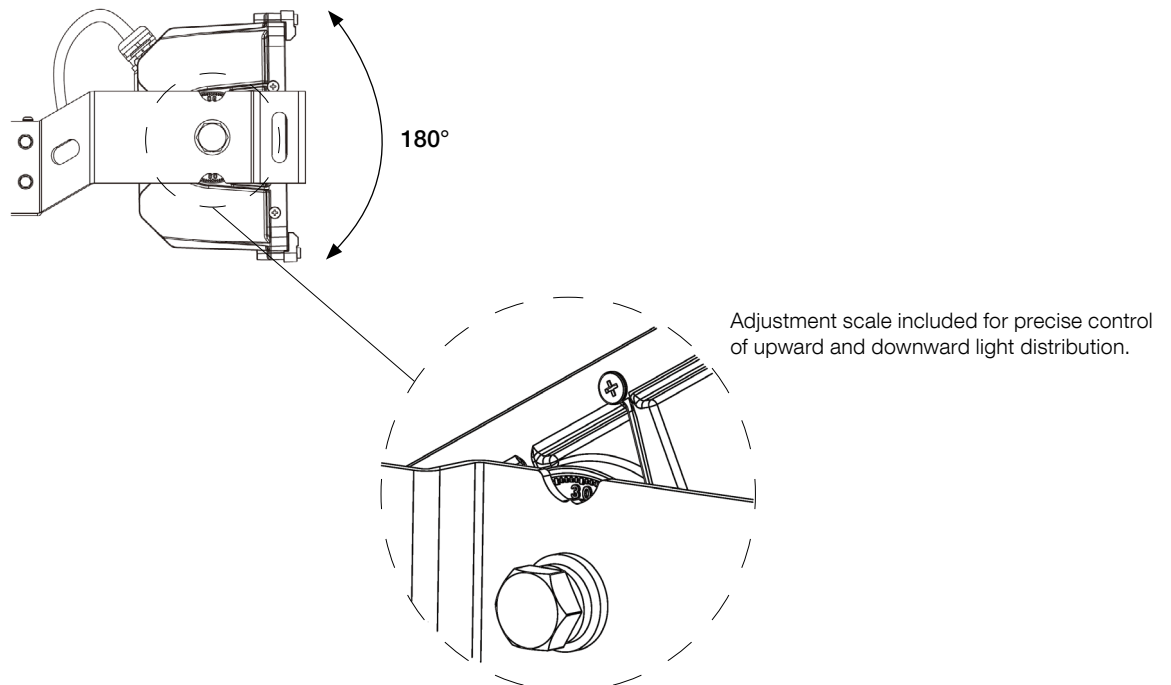
POWER SELECTION

	MODEL	
POWER	SPN-300	SPN-600
100%	300W	600W
75%	225W	450W
50%	150W	300W



ANGLE ADJUSTMENT

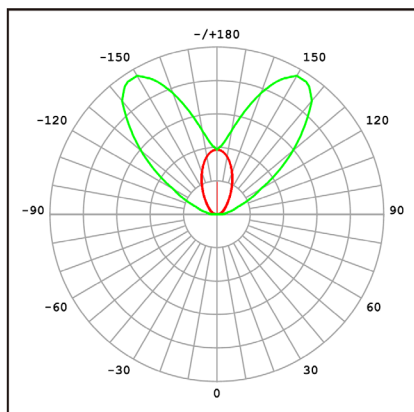
180° Rotatable Module



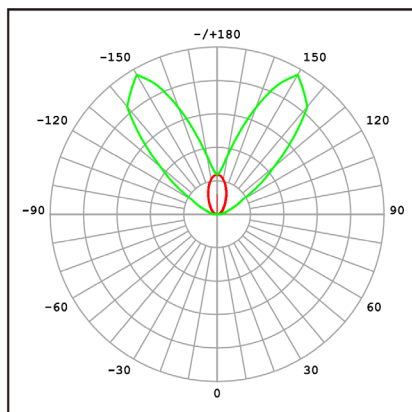
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PERFORMANCE DATA

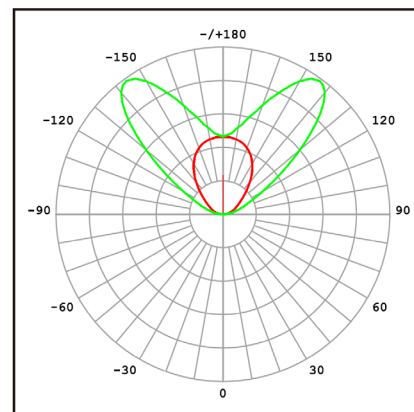
SYSTEM WATTS	DISTRIBUTION	5000K	
		LUMEN	LPW
SPN-300 @ 150W	33	24360	150
SPN-300 @ 225W	33	35420	157
SPN-300 @ 300W	33	45739	152
SPN-300 @ 150W	43	24898	166
SPN-300 @ 225W	43	36145	161
SPN-300 @ 300W	43	46599	155
SPN-300 @ 150W	AI35	22798	150
SPN-300 @ 225W	AI35	32900	146
SPN-300 @ 300W	AI35	42671	142
SPN-600 @ 300W	33	49657	165
SPN-600 @ 450W	33	70700	157
SPN-600 @ 600W	33	91859	153
SPN-600 @ 300W	43	49690	166
SPN-600 @ 450W	43	72276	161
SPN-600 @ 600W	43	91931	153
SPN-600 @ 300W	AI35	46494	155
SPN-600 @ 450W	AI35	66699	148
SPN-600 @ 600W	AI35	85988	143



SPN-600
 Symmetrical 43° (Dual Module Tilt @ 30°)



SPN-600
 Symmetrical 33° (Dual Module Tilt @ 30°)



SPN-600
 Asymetrical Intense 35°