

# LED SPORTS LIGHT

## SP17

Unique light born for stadiums



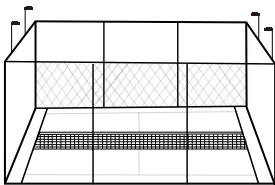
## Description

The SP17 Stadium Light is a professional lighting solution for sports field and high mast area lighting. With high lumen output, fewer fixtures are needed to achieve the same lighting effect, reducing your purchase, installation, and commissioning costs. The professionally designed beam angle can target specific areas, minimizing glare and maintaining uniformity. The lamp body is made from low-copper die-cast aluminum, the bracket is made of ZAM/SPCC steel, and the lens is made from high-transmittance PC material. The LED chips are equipped with high-level lightning protection. The installation angle can be infinitely adjusted through a rotatable mechanism. It supports standard bracket installation, as well as horizontal and vertical clamp or sleeve-type pole installations.

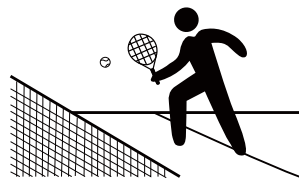
## Key Features

- Full range of power options: 400W, 600W, 800W, 1200W. Full range of beam angles: 12°, 17°, 22°, 30°, 45°, 60°.
- High luminous efficacy up to 175 LM/W, with a CRI ≥70.
- IP66 waterproof and IK08 impact-resistant.
- 3-level power adjustment via DIP switch.
- External driver, flicker-free operation.
- Equipped with Zhaga base, compatible with Synapse dimming module.
- Default housing color: gray sand texture (RAL870-3).

## Applications



Padel courts



Tennis courts





Series constant	Lamp code	Power	Power selectable	CCT/CRI	Beam distribution	Voltage	Example
SP	17	400=400W	WS=Power selectable	4070=4000K Ra70	F24001/F24002/F24023/ F24003/F24004/F24006	U=120-277V	SP17-400WS-4070-F24001-U
		600=600W		5070=5000K Ra70	F34801/F34802/F34823/ F34803/F34804/F34806	V=200-480V	SP17-600WS-5070-F34801-V
		800=800W			F43201/F43202/F43223/ F43203/F43204/F43206		SP17-800WS-5070-F43201-V
		1K2=1200W			F64801/F64802/F64823/ F64803/F64804/F64806		SP17-1K2WS-5070-F64801-V

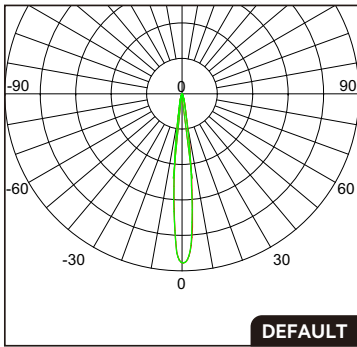
## GENERAL INFORMATION

Housing materials	Aluminum alloy
Mounting bracket materials	ZAM/SPCC
Housing finish	Powder coating
Mounting bracket finish	Special surface treatment+Powder coating
Optic materials	Polycarbonate
Fixture color	Gray(RAL870-3)
Electrical class	Class I
CCT selection DIP switch	NO
Power selection DIP switch	Yes
Emergency	NO
Sensor	NO
Light source SDCM	<5
Impact resistance	IK08
Ingress protection	IP66
Category of corrosion	480H
Certification	UL/DLC
Warranty(years)	5

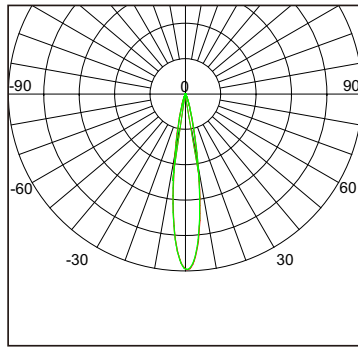
Code		SP17-400WS	SP17-600WS	SP17-800WS	SP17-1K2WS	SP17-600R	SP17-800R	SP17-1K2R	
Nominal wattage ±5%		400/300/200W selectable	600/500/400W selectable	800/600/400W selectable	1200/1000/800W selectable	600W	800W	1200W	
Driver type		Constant current(CC)				Constant current(CC)			
Control		3-level power adjustment via DIP switch/ 0-10V/Synapse/DMX/DALI D4i				0-10V/PWM/DMX/RDM			
Nominal input voltage(V)		120~277Vac/200~480Vac, 50/60Hz				200~480Vac, 50/60Hz			
Power factor(at full load)		>0.97							
Flicker factor		<1%							
THD		<20%				<15%			
Surge protection		10KV L-N, 20KV L/N-E				20KV L-N, 20KV L/N-E			
Light source		LED 3737/LED 5050				LED3535-RGB/RGBW			
Color rendering inde		Ra70/Ra80				-			
General luminous efficacy	LED 3737	165lm/W@5000K Ra70				-			
	LED 5050	175lm/W@5000K Ra70				-			
Color temperature		5000K(4000K optional)				RGB	RGB/RGBW		
Luminous flux ±10% @5000K Ra70 / lm		400W: 66900~69100 300W: 52100~53100 200W: 36600~37700	600W: 97800~103600 500W: 83800~88700 400W: 68800~72700	800W: 132800~135800 600W: 102100~104800 400W: 70400~72300	1200W: 198200~205100 1000W: 169900~176100 800W: 139200~144700	-	-	-	
Beam angle		F24001/F24002/ F24023/F24003/ F24004/F24006	F34801/F34802/ F34823/F34803/ F34804/F34806	F43201/F43202/ F43223/F43203/ F43204/F43206	F64801/F64802/ F64823/F64803/ F64804/F64806	F34801/F34802/ F34803/F34804/ F34806	F43201/F43202/ F43203/F43204/ F43206	F64801/F64802/ F64803/F64804/ F64806	
Luminaire windage area (SCx)	at 20°	0.077m <sup>2</sup> (0.827ft <sup>2</sup> )	0.097m <sup>2</sup> (1.046ft <sup>2</sup> )	0.120m <sup>2</sup> (1.292ft <sup>2</sup> )	0.155m <sup>2</sup> (1.666ft <sup>2</sup> )	0.097m <sup>2</sup> (1.046ft <sup>2</sup> )	0.120m <sup>2</sup> (1.292ft <sup>2</sup> )	0.155m <sup>2</sup> (1.666ft <sup>2</sup> )	
	at 40°	0.102m <sup>2</sup> (1.098ft <sup>2</sup> )	0.131m <sup>2</sup> (1.408ft <sup>2</sup> )	0.174m <sup>2</sup> (1.873ft <sup>2</sup> )	0.227m <sup>2</sup> (2.441ft <sup>2</sup> )	0.131m <sup>2</sup> (1.408ft <sup>2</sup> )	0.174m <sup>2</sup> (1.873ft <sup>2</sup> )	0.227m <sup>2</sup> (2.441ft <sup>2</sup> )	
	at 60°	0.120m <sup>2</sup> (1.292ft <sup>2</sup> )	0.157m <sup>2</sup> (1.692ft <sup>2</sup> )	0.214m <sup>2</sup> (2.299ft <sup>2</sup> )	0.281m <sup>2</sup> (3.023ft <sup>2</sup> )	0.157m <sup>2</sup> (1.692ft <sup>2</sup> )	0.214m <sup>2</sup> (2.299ft <sup>2</sup> )	0.281m <sup>2</sup> (3.023ft <sup>2</sup> )	
	at 80°	0.128m <sup>2</sup> (1.382ft <sup>2</sup> )	0.167m <sup>2</sup> (1.795ft <sup>2</sup> )	0.228m <sup>2</sup> (2.454ft <sup>2</sup> )	0.305m <sup>2</sup> (3.281ft <sup>2</sup> )	0.167m <sup>2</sup> (1.795ft <sup>2</sup> )	0.228m <sup>2</sup> (2.454ft <sup>2</sup> )	0.305m <sup>2</sup> (3.281ft <sup>2</sup> )	
Operating temperature (°F)	120~277Vac	-30 to +45°C(-22 to +113°F)		-30 to +40°C(-22 to +104°F)		-			
	200~480Vac	-30 to +50°C(-22 to +122°F)							
Lifespan of LED 3737 @Ta=25°C		>100,000hrs-L90B10@led3737				-			
		>100,000hrs-L80B10@led3737				-			
		>100,000hrs-L70B10@led3737				-			
Lifespan of LED 5050 @Ta=25°C		>67,000hrs-L90B10@led5050				-			
		>165,000hrs-L80B10@led5050				-			
		>258,000hrs-L70B10@led5050				-			

**400W**

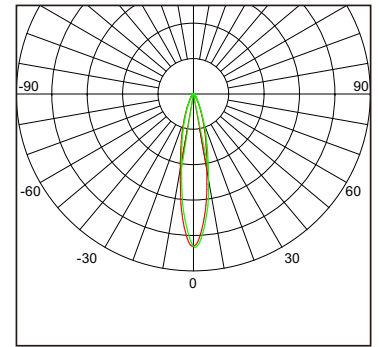
**RECOMMENDED**



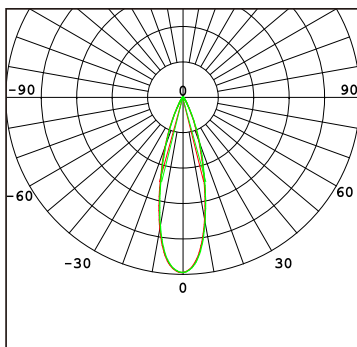
12°(NEMA 2Hx2V) LED3737 optics  
F24001



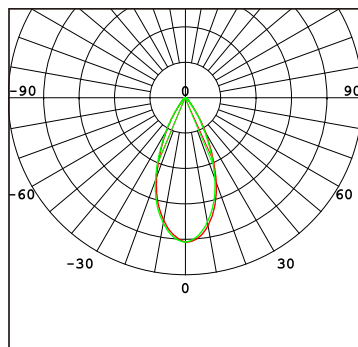
17°(NEMA 3Hx3V) LED3737 optics  
F24002



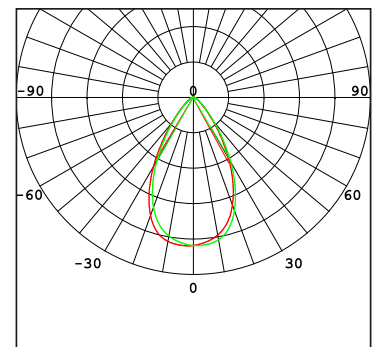
22°(NEMA 4Hx4V) LED5050 optics  
F24023



30°(NEMA 4Hx4V) LED5050 optics  
F24003



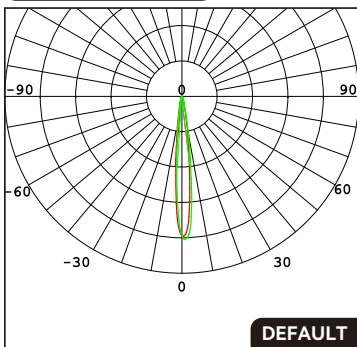
45°(NEMA 5Hx5V) LED5050 optics  
F24004



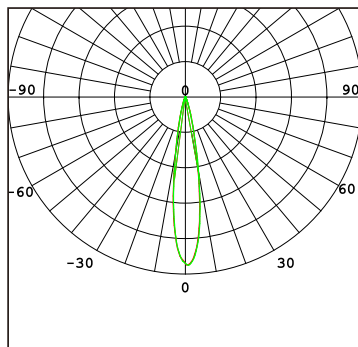
60°(NEMA 5Hx5V) LED5050 optics  
F24006

**600W**

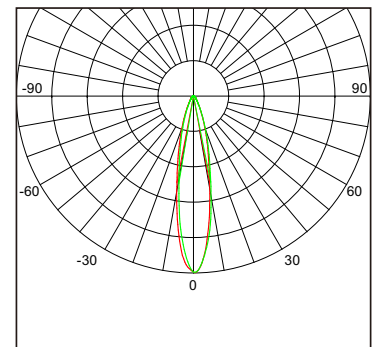
**RECOMMENDED**



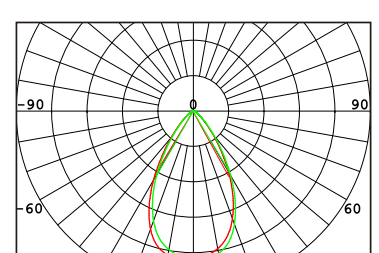
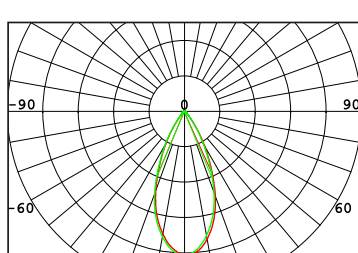
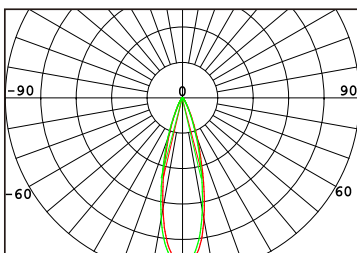
12°(NEMA 2Hx2V) LED3737 optics  
F34801



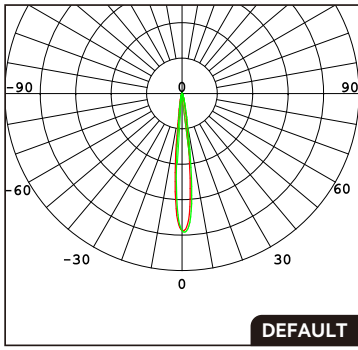
17°(NEMA 3Hx3V) LED3737 optics  
F34802



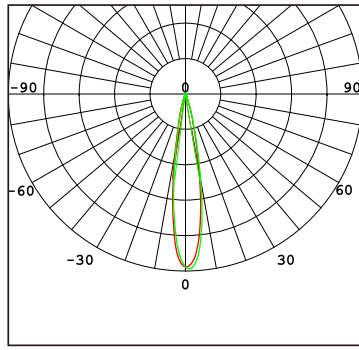
22°(NEMA 4Hx4V) LED5050 optics  
F34823



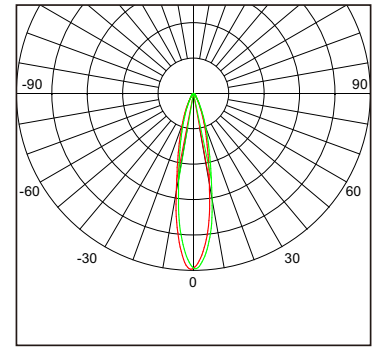
**RECOMMENDED**



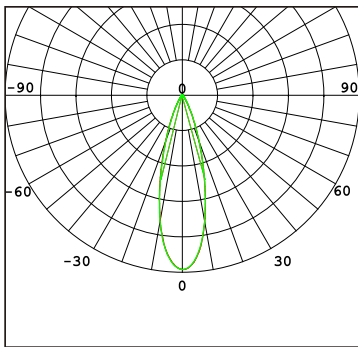
12°(NEMA 2Hx2V) LED3737 optics  
F43201



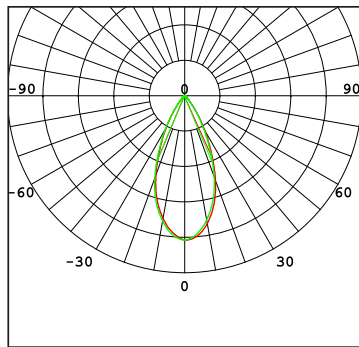
17°(NEMA 3Hx3V) LED3737 optics  
F43202



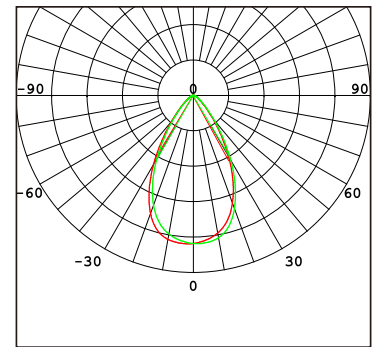
22°(NEMA 4Hx4V) LED5050 optics  
F43223



30°(NEMA 4Hx4V) LED5050 optics  
F43203



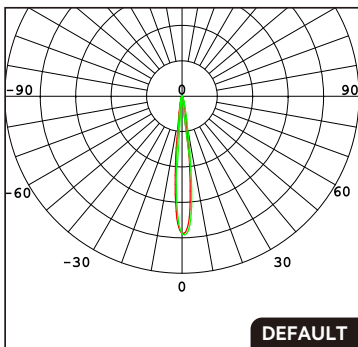
45°(NEMA 5Hx5V) LED5050 optics  
F43204



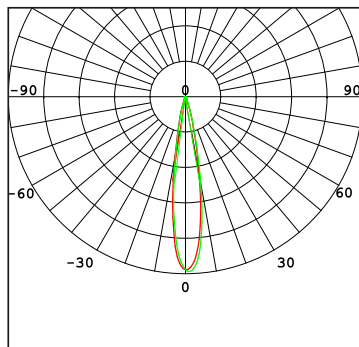
60°(NEMA 5Hx5V) LED5050 optics  
F43206

**1200W**

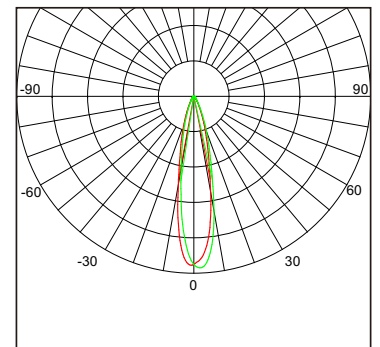
**RECOMMENDED**



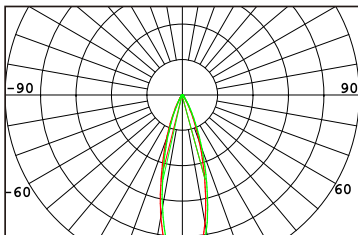
12°(NEMA 2Hx2V) LED3737 optics  
F64801



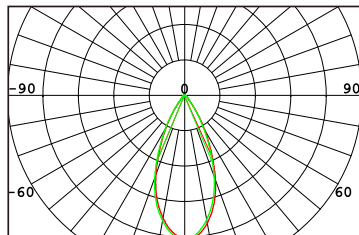
17°(NEMA 3Hx3V) LED3737 optics  
F64802



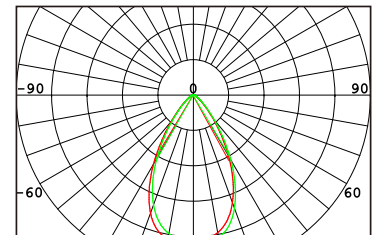
22°(NEMA 4Hx4V) LED5050 optics  
F64823



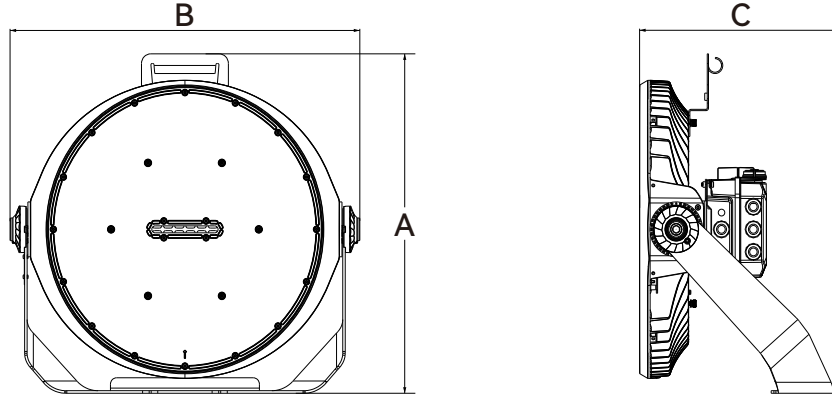
30°(NEMA 4Hx4V) LED5050 optics  
F64803



45°(NEMA 5Hx5V) LED5050 optics  
F64804



60°(NEMA 5Hx5V) LED5050 optics  
F64806



	Product code	Luminaire dimensions AxBxC	Product weight ±6%		Package weight ±6%		Carton size	Qty/CTN
			N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
120~277Vac	SP17-400	400x429x246mm (15.75x16.89x9.68")	9.90kg 21.83lbs	11.59kg 25.55lbs	9.90kg 21.83lbs	11.59kg 25.55lbs	500x485x235mm (19.68x19.09x9.25")	1
	SP17-600	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs	15.09kg 33.27lbs	12.96kg 28.57lbs	15.09kg 33.27lbs	570x520x235mm (22.44x20.47x9.25")	
	SP17-800	526x564x326mm (20.71x22.20x12.83")	17.41kg 38.38lbs	20.88kg 46.03lbs	17.41kg 38.38lbs	20.88kg 46.03lbs	670x610x240mm (26.38x24.02x9.45")	
	SP17-1K2	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs	28.88kg 63.67lbs	25.14kg 55.42lbs	28.88kg 63.67lbs	755x695x275mm (29.72x27.36x10.83")	
200~480Vac	SP17-400	400x429x246mm (15.75x16.89x9.68")	10.83kg 23.88lbs	12.52kg 27.60lbs	10.83kg 23.88lbs	12.52kg 27.60lbs	500x485x235mm (19.68x19.09x9.25")	
	SP17-600	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs	15.09kg 33.27lbs	12.96kg 28.57lbs	15.09kg 33.27lbs	570x520x235mm (22.44x20.47x9.25")	
	SP17-800	526x564x326mm (20.71x22.20x12.83")	17.60kg 38.80lbs	21.07kg 46.45lbs	17.60kg 38.80lbs	21.07kg 46.45lbs	670x610x240mm (26.38x24.02x9.45")	
	SP17-1K2	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs	28.88kg 63.67lbs	25.14kg 55.42lbs	28.88kg 63.67lbs	755x695x275mm (29.72x27.36x10.83")	
	SP17-600/R	426x490x291mm (16.77x19.29x11.46")	14.07kg 31.02lbs	16.2kg 35.71lbs	14.07kg 31.02lbs	16.2kg 35.71lbs	570x520x235mm (22.44x20.47x9.25")	
	SP17-800/R	526x564x326mm (20.71x22.20x12.83")	18.48kg 40.74lbs	21.95kg 48.39lbs	18.48kg 40.74lbs	21.95kg 48.39lbs	675x590x245mm (26.57x23.23x9.65")	
	SP17-1K2/R	581x648x332mm (22.87x25.51x13.07")	25.31kg 55.80lbs	29.05kg 64.04lbs	25.31kg 55.80lbs	29.05kg 64.04lbs	755x670x245mm (29.72x26.38x9.65")	

## MOUNTING OPTIONS



**Precision aiming device**


Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-S17-02	0.39kg 0.86lbs	0.58kg 1.28lbs	0.39kg 0.86lbs	0.58kg 1.28lbs	135x93x84mm 5.31x3.66x3.31"	1

**Slipfitter**


Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP-S17-01	1.48kg 3.26lbs	1.68kg 3.70lbs	14.80kg 32.60lbs	17.8kg 39.24lbs	690x280x220mm 27.17x11.02x8.66"	10

**Quick Clamp adapter (Universal bracket)**


Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-S17-01	3.40kg 7.50lbs	3.50kg 7.72lbs	20.40kg 45.00lbs	21.00kg 46.32lbs	460x340x315mm 18.11x13.39x12.40"	6

**Square Beam Mounting Kit (Universal bracket)**


Code	Product weight(kg/Lbs)±6%		Package weight(kg/Lbs)±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-S80-01	6.70kg 14.77lbs	7.0kg 15.43lbs	13.40kg 29.54lbs	14.5kg 31.96lbs	360x285x160mm 14.17x11.22x6.30"	2

**SP17 400W Visor**


Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP17-L205	1.00kg 2.20lbs	1.08kg 2.38lbs	5.00kg 11.00lbs	5.40kg 11.90lbs	640x405x155mm 25.20x15.95x6.10"	5

**SP17 600W Visor**


Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP17-L275	1.78kg 3.92lbs	1.88kg 4.14lbs	8.90kg 19.60lbs	9.40kg 20.70lbs	770x530x200mm 30.31×20.87×7.87"	5

**SP17 1200W Visor**



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP17-L325	2.35kg 5.18lbs	2.46kg 5.42lbs	11.75kg 25.90lbs	12.30kg 27.10lbs	835x615x235mm 32.87×24.21×9.25"	5

**50M Extension Power Cable**



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
PG-A00-01	7.8kg 17.2lbs	8.35kg 18.41lbs	7.8kg 17.2lbs	8.35kg 18.41lbs	355x355x120mm 13.98x13.98x4.72"	1

**25M Extension Power Cable**



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
PG-A00-02	3.96kg 8.73lbs	4.27kg 9.41lbs	3.96kg 8.73lbs	4.27kg 9.41lbs	270x270x105mm 10.63x10.63x4.13"	1

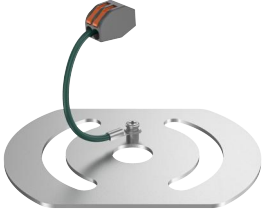
**Clamp Mount Bracket For 400W-800W Remote Driver Box**



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-S02-04	1.11kg 2.45lbs	1.11kg 2.45lbs	2.22kg 4.9lbs	2.22kg 4.9lbs	550x480x100mm 21.65x18.9x3.94"	2

**Clamp Mount Bracket For 1200W Remote Driver Box**

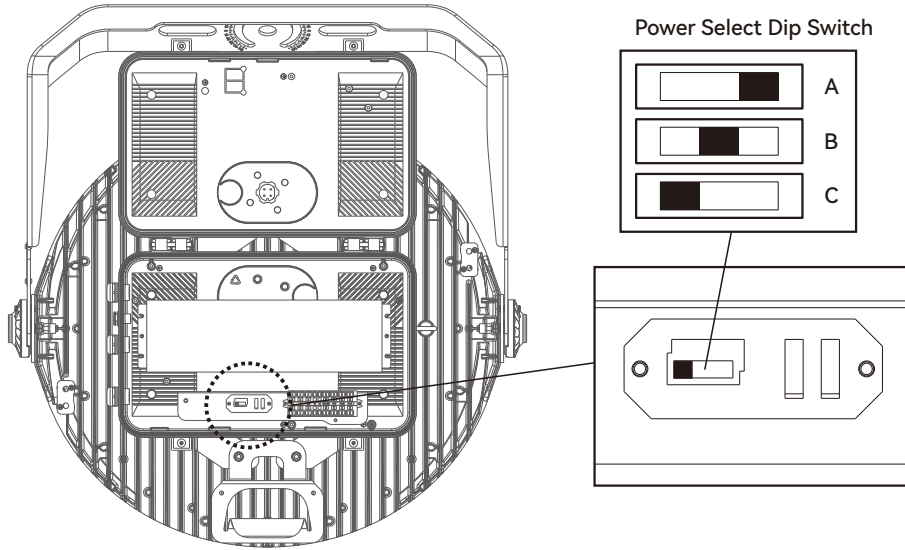
Code	Product weight±6%	Package weight±6%	Carton size	Qty/ CTN



Code	Product weight±6%		Package weight±6%		Carton size	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-S17-05	0.05kg 0.11lbs	0.053kg 0.117lbs	0.05kg 0.11lbs	0.053kg 0.117lbs	250x200x15mm 9.84x7.87x0.591"	1

## POWER SELECTABLE

Factory set:  
100% brightness



Percentage \ Power	400W	600W	800W	1200W
A	400W	600W	800W	1200W
B	300W	500W	600W	1000W
C	200W	400W	400W	800W



# LIGHT YOUR WAY

