



HiLumz VaultLight

SP60

Excellent indirect lighting for any sports venue, airport,
high bay industrial, other



Description

The VaultLight adjustable upward and downward lighting with a 180° rotatable heatsink for flexible spatial adaptation and a cutoff visor. It offers 3-level power adjustment and 0-10V dimming in a single product, reducing inventory needs. Three installation options (bracket, pendant rod, or chain) are provided for various scenarios.

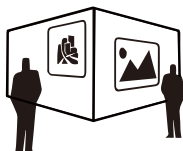
Key Features

- Modular design with a 180° rotatable heatsink, featuring a scale for precise optical adjustment.
- High light efficacy: 155 lm/W.
- IP65, IK08.
- Dimming options: 3-level DIP switch power selection or 0-10V dimming.
- Optional visor minimizes light spill for improved visual comfort.
- Bracket made of ZAM material and heatsink of aluminum alloy, both passing 1000 hours salt spray test.
- Etched frosted glass delivers soft and uniform light, with no yellowing in upward emission.

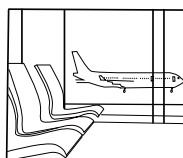
Applications



Indoor Sport Fields



Exhibition center



Airport



Tennis courts



Natatorium

FUNCTION TABLE

Series constant	Lamp code	Power	Power selectable	CCT/CRI	Beam distribution	Voltage
HLSP	60	300=300W	WS=Power selectable	5080=5000K Ra80	F04001	U=120-277V
		600=600W			F04003	V=277-480V
					F04004	

GENERAL INFORMATION

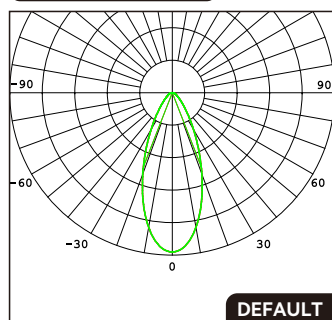
Housing materials	Aluminum alloy
Mounting bracket materials	ZAM
Housing finish	Powder coating
Mounting bracket finish	Powder coating
Optic materials	Polycarbonate
Fixture color	White RAL9016
Electrical class	Class I
CCT selection DIP switch	NO
Power selection DIP switch	Yes
Emergency	NO
Sensor	NO
Light source SDCM	<5
Impact resistance	IK08
Ingress protection	IP65
Category of corrosion	C4 (ISO 9223:2012)
Certification	UL/DLC 6.0
Warranty(years)	5

TECHNICAL DATA

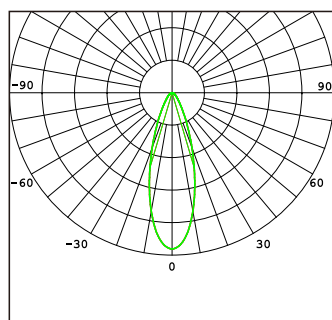
Code		SP60-300WS	SP60-600WS
Nominal wattage ±5%		300/225/150W selectable	600/450/300W selectable
Driver type		Constant current(CC)	
Control		0-10V	
Nominal input voltage(V)		120-277Vac, 277-480Vac,50/60Hz	
Power factor(at full load)		>0.9	
Flicker factor		<1%	
THD		<20%@277 V	
Surge protection		L-N: 6KV, L/N-E: 6KV	
Light source		LED 5050	
Color rendering inde		Ra80	
General luminous efficacy		155lm/W@5000K Ra80	
Color temperature		1-CCT: 5000K	
Luminous flux (lm) ±10% Ra80	1-CCT	300W:41870-46070lm 150W:22780-24820lm	600W:81930-88320lm 300W:46080-49700lm
Beam angle		F04001/F04003/F04004	
Operating temperature (°C/°F)		-30to +50(-22 to +122)	
Lifespan of LED@ Ta=25°C(hrs)		88700-L90B10	
		173900-L80B10	
		262200-L70B10	

OPTICS

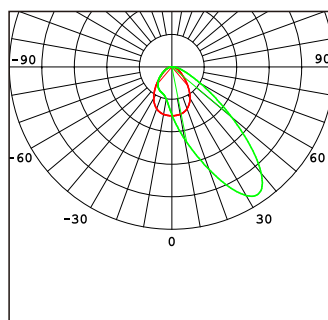
RECOMMENDED



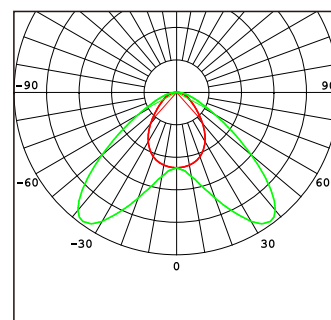
Symmetrical 43°
F04004



Symmetrical 33°
F04003



Asymmetrical intense 35°
F04001@300W

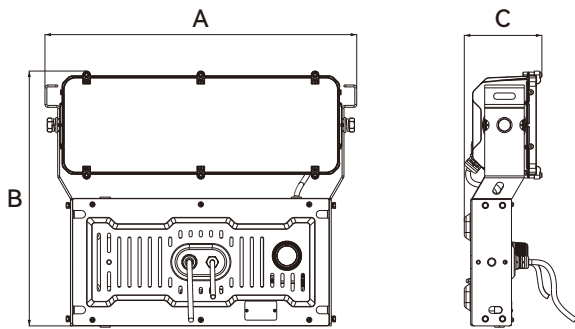


Asymmetrical intense 2Tilt35°
F04001@600W

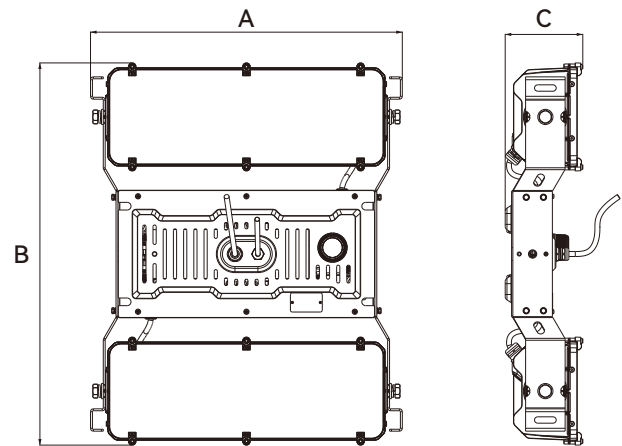
MEASUREMENT

Suspension mount

300W



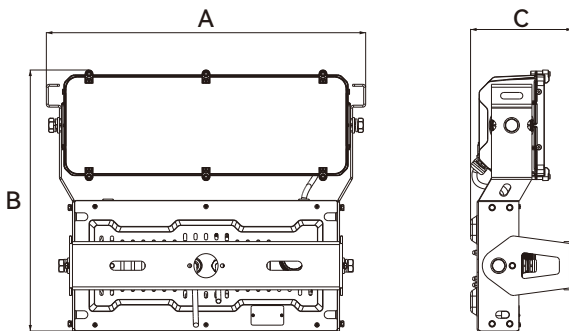
600W



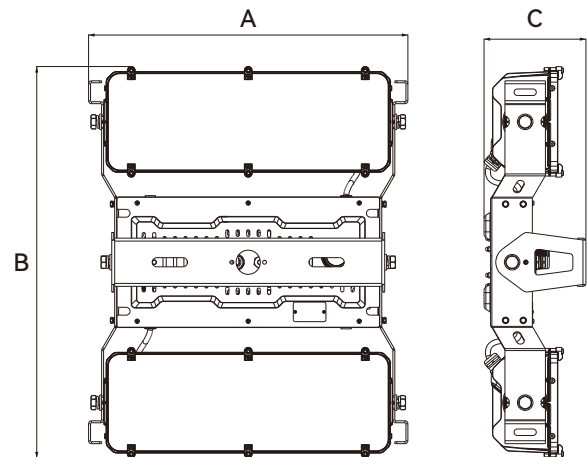
Product code	Luminaire dimensions AxBxC(mm/inch)	Product weight(kg/Lbs) ±6%		Carton size(mm/inch)	Qty/ CTN
		N.W/PC	G.W/CTN		
SP60-300WS	489x400x122 (19.25x15.75x4.8")	10.2 (22.49)	12.6 (27.78)	550x475x215 (21.65x18.7x8.46")	1
SP60-600WS	489x599x122 (19.25x23.58x4.8")	16.1 (35.49)	18.7 (41.23)	670x530x185 (26.38x20.87x7.28")	1

Yoke mount

300W

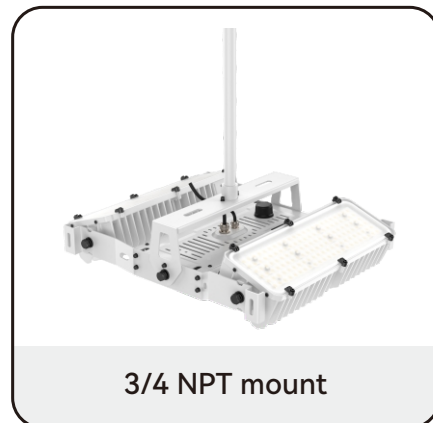
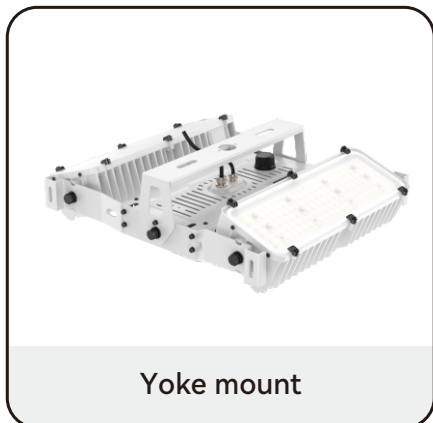


600W



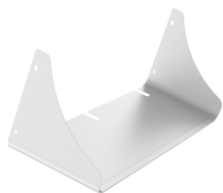
Product code	Luminaire dimensions AxBxC(mm/inch)	Product weight(kg/Lbs) ±6%		Carton size(mm/inch)	Qty/ CTN
		N.W/PC	G.W/CTN		
SP60-300WS	489x400x156 (19.25x15.75x6.14)	11.5 (25.35)	13.1 (28.88)	550x475x215 (21.65x18.7x8.46")	1
SP60-600WS	489x599x156 (19.25x23.58x6.14)	17.4 (38.36)	19.1 (42.11)	670x530x185 (26.38x20.87x7.28")	1

MOUNTING OPTIONS



ACCESSORIES

SP04-L130w for F04004, F04003



Code	Product weight(kg/Lbs)±6%		Package weight(kg/Lbs)±6%		Carton size(mm/inch)	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP04-L130W	0.6(1.32)	0.73(1.61)	6.3(13.89)	7.8(17.20)	680x195x455 (26.77x7.68x17.91")	10

SP04-L80W for F04001



Code	Product weight(kg/Lbs)±6%		Package weight(kg/Lbs)±6%		Carton size(mm/inch)	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
SP04-L80W	0.54(1.19)	0.66(1.46)	3.1(6.83)	4.5(9.92)	450x280x250 (17.72x11.02x9.84")	5

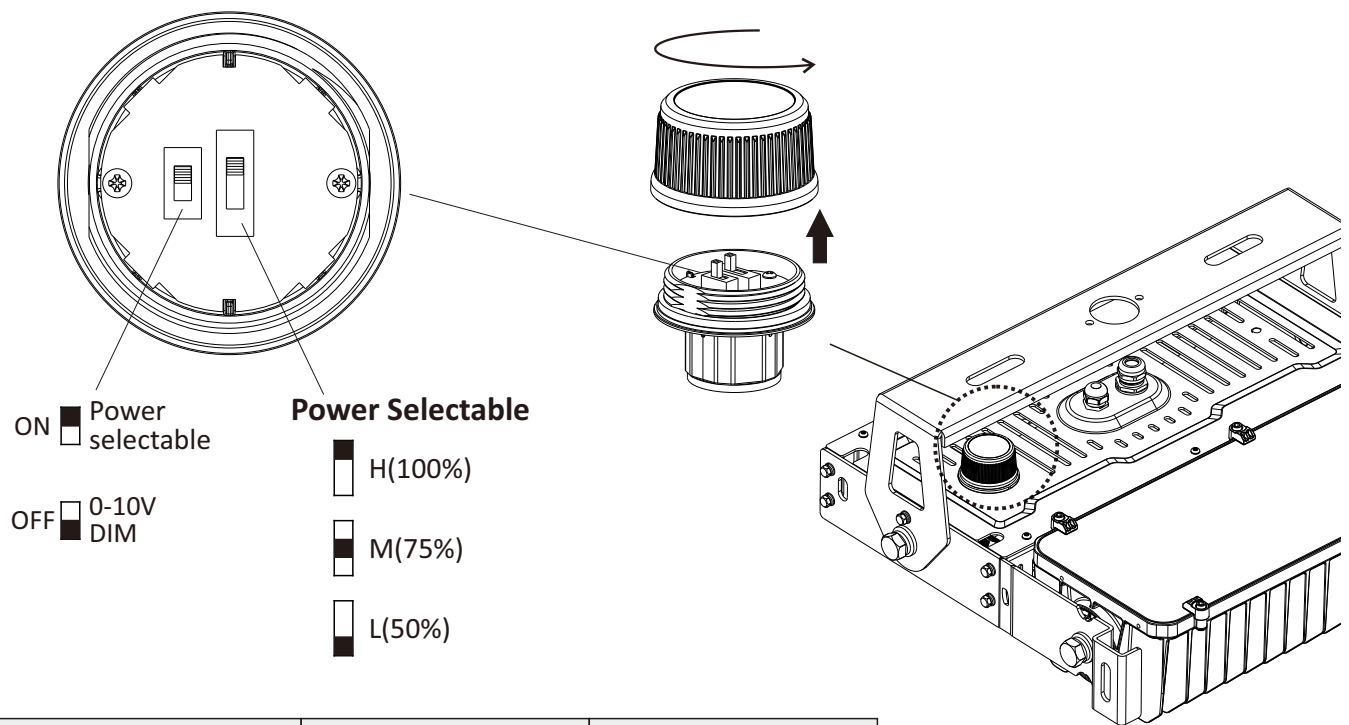
3/4 NPT adapter



Code	Product weight(kg/Lbs)±6%		Package weight(kg/Lbs)±6%		Carton size(mm/inch)	Qty/ CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F70-07	0.11(0.24)	0.12(0.26)	5.5(12.13)	6.6(14.55)	390x390x130 (15.35"x15.35"x5.12)	50

POWER SELECTABLE

Power select and 0-10V dim function optional.
 Default setting:Power select function with 100% brightness.



Power Power percent	300W	600W
100%	300W	600W
75%	225W	450W
50%	150W	300W