

CONSTRUCTION

Sealed die casting body, low profile 3G vibration rated impact design. Driver enclosure suitable for remote mounting, is completely sealed against moisture and environmental contaminants. Low wind-low design, light weight, EPA friendly.

OPTICS

Available in NEMA 3H x 3V and 4H x 4V distribution, optics are precisely designed to shape the distribution, maximizing efficiency and maintain high light level for various sports field application.

Light engines available in 4000K and 5000K (80+ CRI) configurations. Optional: Scalable lumen package from 35,000 to 160,000 lumens. Optional: RGB LED (consult factory)

ELECTRICAL

-40°C minimum to +55°C (-40°F to 131°F) maximum operating temperature. RoHS compliant electronic Class I drivers expected life of 150,000 hours. >.9 power factor, <20% total harmonic distortion, built-in 10kV surge protector.

SENSOR (OPTIONAL)

CONTROL-AVI-LVFA AVI-ON Bluetooth Mesh Controller.

MOUNTING

Robust designed yoke mount secured with 3/4" bolt, versatile mounting bracket designed for ease of installation and offers precise horizontal and vertical aiming capability.

STANDARD FINISH

UV stabilized polyester powder paint finish.

CERTIFICATION

Wet location label standard. Meets Buy America Act requirements. All luminaires are built to UL1598 standards and bear appropriate cULus labels. DLC® Premium (DesignLights Consortium Qualified)

WARRANTY

10 year warranty, see Limited Warranty for additional information.

Client: Project: Type: Quantity:



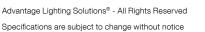


SHIPPING DATA

Product	Measurement	Weight
SPM-500-G2	30"L x 22"W x 17"H	55 lb
SPM-600-G2	30"L x 22"W x 17"H	55 lb
SPM-850-G2	35"L x 25"W x 22"H	64 lb
SPM-1200-G2	35"L x 25"W x 22"H	72 lb







www.alslighting.us +1 909-598-1077 info@alslighting.us

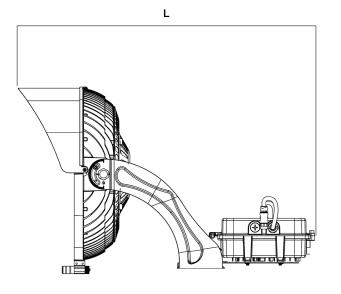


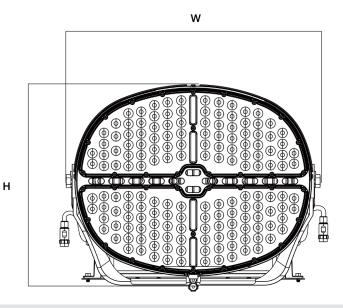
CODE 500-G2 POWER 500W LUMEN 72,000 LPW (AVG.) 140 CODE 850-G2 POWER 850W LUMEN 120,000 LPW (AVG.) 141 C CCT											
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		*see page 6 for sensor	spec								

**For Remote Driver application, PART# CORD-SPM-G2-EXT must be used to meet warranty requirement.

DIMENSIONS (WITH DRIVER ENCLOSURE)







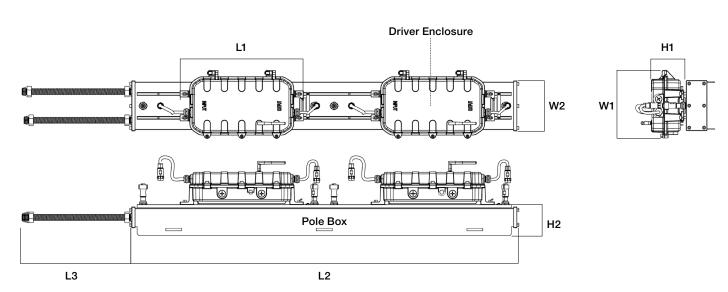
DIMENSIONS (REMOTE DRIVER)

Model	L	w	н	
500W / 600W	18.80" (477mm)	20.80" (530mm)	16.90" (430mm)	
850W / 1200W	21.70" (552mm)	23.80" (605mm)	19.70" (500mm)	
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DIMENSIONS (REMOTE DRIVER ENCLOSURE)

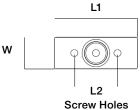




DIMENSIONS (MOUNT-SPM-SF)

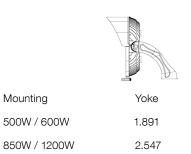
Model	L1	L2	W	H1	H2
MOUNT-SPM-SF	10.31" (262mm)	5.35" (136mm)	3.94" (100mm)	4.25" (108mm)	4.21" (107mm)







EPA (ft²)



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PERFORMANCE DATA

			400	оок	50	000К
SYSTEM WATTS	VOLTAGE	DIST. TYPE	LUMEN	LPW	LUMEN	LPW
50014/	100-277V, 480V	33	73247	146	73051	146
500W	100-277V, 480V	44	72275	145	73113	146
600W	100-277V, 480V	33	92352	154	92562	154
	100-277V, 480V	44	92378	154	92688	154
05014	100-277V, 480V	33	122485	144	122076	144
850W	100-277V, 480V	44	122344	144	121679	143
10001/	100-277V, 480V	33	162090	135	162363	135
1200W	100-277V, 480V	44	161952	135	161272	134

DLC Code

Part Number	DLC Part Nnumber	DLC Class
SPM - 500-G2 40 33 - XX BK UD / HD	Pending	Premium
SPM - 500-G2 50 33 - XX BK UD / HD	Pending	Premium
SPM - 500-G2 40 44 - XX BK UD / HD	Pending	Premium
SPM - 500-G2 50 44 - XX BK UD / HD	Pending	Premium
SPM - 600-G2 40 33 - XX BK UD / HD	Pending	Premium
SPM - 600-G2 50 33 - XX BK UD / HD	Pending	Premium
SPM - 600-G2 40 44 - XX BK UD / HD	Pending	Premium
SPM - 600-G2 50 44 - XX BK UD / HD	Pending	Premium
SPM - 850-G2 40 33 - XX BK UD / HD	Pending	Premium
SPM - 850-G2 50 33 - XX BK UD / HD	Pending	Premium
SPM - 850-G2 40 44 - XX BK UD / HD	Pending	Premium
SPM - 850-G2 50 44 - XX BK UD / HD	Pending	Premium
SPM - 1200-G2 40 33 - XX BK UD / HD	Pending	Premium
SPM - 1200-G2 50 33 - XX BK UD / HD	Pending	Premium
SPM - 1200-G2 40 44 - XX BK UD / HD	Pending	Premium
SPM - 1200-G2 50 44 - XX BK UD / HD	Pending	Premium



SENSOR SPEC

Model	Туре	Mounting	Coverage	Input	Function	Programmable
CONTROL-AVI-LVFA (see page 7 for detail)	Fixture Controller	-	-	12V DC	Bluetooth Mesh On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App



CONTROL-AVI-LVFA



CONTROL-AVI-LVFA SPEC

Status LEDs & Config Button

Quick and easy validation of wiring and network

Direct Connect[™] Sensor Port

Simple and cost-effective addition to Avi-on sensors



 Avi-on Sensor Interface
 WKA NT ANT 1 CHANNEL Mode AMB-URF-12-2MDC 10H Input Whatpe Range 12X0C - 2MDC Input What

Internal Antenna

Improved performance and eliminates risk of accidentally cutting a hanging wire

Terminal Blocks & Mounting Tabs

Faster, easier and lower cost installation eliminating connectors

SPECIFICATIONS

WIRING DIAGRAM

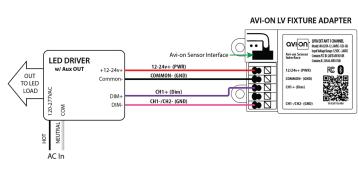
INPUT VOLTAGE:	12-24VDC
CURRENT:	15mA without a Sensor
	19mA with a DC PIR Sensor
	48mA with a DC Microwave Sensor
0-10V DIMMING:	12-24VDC
SIZE:	2.30in x 1.43in x 0.75in
	(58.2mm x 36.4mm x 19mm)
MOUNTING:	Removable mounting tabs
WEIGHT:	0.45 oz (16g)
OPERATING TEMF	: -22°F to +158°F (-30°C to + 70°C)

RADIO FREQUENCY: WIRELESS STANDARD: POINT TO POINT RANGE*:

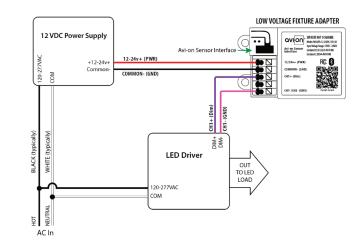
SECURITY:

WARRANTY: REGULATORY: 2.4GHz BLE 4.2 with Mesh 80ft with obstructions 350ft unobstructed AES 128-bit encryption for device to device communication AES 256-bit encryption for device to cloud communication 5 years; 10 years optional FCC: 2AFZI-AVI1010 B IC: 20544-AVI1010 B BQB: D031801, DID: 86303 UL 916, 2043 (Plenum Rated)

*When communicating through the mesh, range is essentially unlimited (5000ft+)



Fixture adapter powered by LED driver auxiliary output



Fixture adapter connected to LED driver and using power supply