

EVA

FLOODLIGHT

EVA is a Made-in-USA LED floodlight designed for use with Photonus Wattowa or Altara solar power systems. It offers flexible optics, mounting options, and adjustable aiming for dependable outdoor illumination across a range of applications.

COMPATIBILITY NOTICE

EVA operates on a remote driver and is intended for use with a Photonus **Wattowa** or **Altara** solar power system. Wiring is stranded XLPE, 18GA, 600V, 150°C, rated to UL3321.



LIGHT SOURCE

Source	LED Chip on Board Technology
CCT	2700K, 3000K, 3500K, 4000K
CRI	>80 (RA>80, R9>16)
Lumen Output	600 Lm – 2,300 Lm
Wattage	3.6 W – 15.8 W
L70 Life	50,000 hours
Remote Driver	For use with Photonus Wattowa or Altara

OPTICAL

Optics	Spot (15°), Flood (35°), Wide Flood (60°)
Lens Type	Clear (Standard), Soft Focus, Rectilinear
Louver	Optional Honeycomb Baffle
Cap Style	45°, 90°, Flush

GENERAL

Mounting	Canopy, Stake
Material	Copper-free aluminum (6061-T6)
Finish	Powder Coating. RoHS compliant. Custom colors available. Optional Marine Grade Finish (for applications within two blocks of saline environment)
Warranty	5-Year Limited Warranty
Certification and Listing	UL tested to IESNA LM-79. UL Listed. RoHS compliant. Suitable for indoor or outdoor use, in wet locations. IP66 Rated. Made in the USA with sustainable processes

ORDER CODE

MODEL	CCT	WATTAGE	OPTIC	LENS TYPE	LOUVER	CAP STYLE	MOUNTING	FINISH	OPTIONS
EVA	27 2700K	P01 16 W / 2300 Lm	SP Spot 15° Angle	9 Clear (Standard)	00 None	A 45°	SMB1 Rectangular Canopy	BLP Satin Black	00 None
	30 3000K	P02 8 W / 1200 Lm	FL Flood 35° Angle	12 Soft Focus	11 Honeycomb Baffle	B 90°	SMB2 Round Canopy	BZP Satin Bronze	MGP Marine Grade Primer
	40 4000K	P03 4 W / 600 Lm	WFL Wide Flood 60° Angle	13 Rectilinear		C Flush	ST Stake	WHP Satin White	
							WM Wall Mount — upon request only	SAP Satin Aluminum	
								BLW Black Wrinkle	
								BZW Bronze Wrinkle	
								WHW White Wrinkle	
								VER Verde	
								CUS Custom	

Mounting Finish to match Fixture Finish as Standard.

SPECIFY YOUR CODE — example values shown in grey

EVA

MODEL

CCT

30

WATTAGE

P01

OPTIC

FL

LENS

9

LOUVER

00

CAP

A

MOUNT

ST

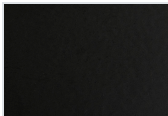
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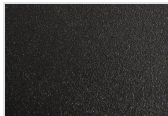
BLP

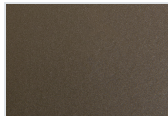
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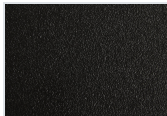
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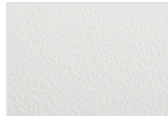

BLP
Satin Black


BLW
Black Wrinkle

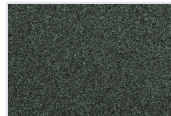

BZP
Satin Bronze


BZW
Bronze Wrinkle


WHP
Satin White


WHW
White Wrinkle


SAP
Satin Aluminum


VER
Verde

Powder Coating. RoHS compliant. CUS Custom colors available. Mounting finish to match fixture finish as standard.

OVERVIEW AND DETAILS

FIXTURE

Wattage	3.6 W – 15.8 W
Lumens	600 Lm – 2300 Lm
Wiring	Stranded XLPE, 18GA, 600V, 150°C, wire rated to UL3321.
Remote Driver	For use with Photinus Wattowa or Altara.
Material	Furnished in copper-free aluminum (6061-T6).
Body	Unibody design with enclosed, water-proof wireway and integral heat sink is fully machined from solid billet.
Knuckle	Features a mechanical taperlock, allowing full 180° vertical adjustment, with a ½" pipe thread for mounting. Biaxial source control additionally provides 360° horizontal rotation in addition to vertical adjustment. Aim & Lock technology allows precision adjustment of knuckle screw. Hardware is stainless steel with black oxide treatment for additional corrosion resistance.
Cap	Fully machined and accommodates two (2) lens or louver media.
Lens	Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.
LED	Integrated solid state system and modular design with electrical disconnects allow for easy field upgrade and maintenance. LM-80 certified. Title 24, JA8 compliant. Minimum 50,000 hour rated life at 70% of initial lumens (L70).
Color Management	>80 (RA>80, R9>16)
Finish	Powder Coating. RoHS compliant. Optional Marine Grade Finish (for applications within two blocks of saline environment).
Warranty	5-Year Limited Warranty.
Certification and Listing	UL tested to IESNA LM-79. UL Listed. RoHS compliant. Suitable for indoor or outdoor use, in wet locations. IP66 Rated. Made in the USA with sustainable processes.

OPTICS

SP Spot	15°	FL Flood	35°	WFL Wide Flood	60°
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OPTIONS

9 / 12 / 13 Lens Type

The fixture cap accommodates two (2) lens or louver media. **9 Clear** is standard; **12 Soft Focus** and **13 Rectilinear** modify the beam without changing the optic.

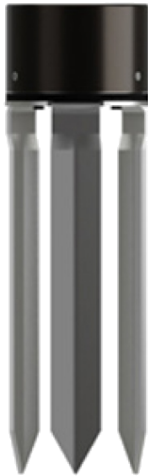
11 Honeycomb Baffle

Optional louver media, fitted in the cap to control glare and spill.

MGP Marine Grade Primer — additional corrosion protection for coastal and high-salt environments.

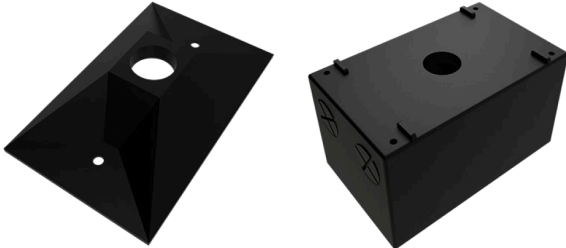
MOUNTING

MOUNTING I — STAKE

	ST Stake	
	Installation	Provides a clean, splice compartment and mounting system for low voltage lighting fixture. For stake mounting into soil. Stake allows for repositioning as necessary.
	Canopy	Furnished in copper-free aluminum (6061-T6). 2 1/4" diameter. Machined from solid billet with chamfered edge. 7/8" dia. slip hole for use with 1/2" IP threaded nipple.
	Mounting Stake	Stainless steel with machined, black annodized anchor base. 7/8" dia. through hole for low voltage wiring. High temperature, silicone 'O' Ring.
	Hardware	Tamper-resistant, stainless steel hardware.
	Finish	Powder Coating. RoHS compliant. Optional Marine Grade Finish (for applications within two blocks of saline environment).
	Warranty	5-Year Limited Warranty
	Certification and Listing	UL Listed. Suitable for indoor and outdoor use. RoHS compliant. Made in USA with sustainable processes.

MOUNTING II — RECTANGULAR CANOPY

SMB1 Rectangular Canopy

	
Material	Cast Aluminum.
Hardware	Tamper-resistant, stainless steel mounting hardware. Black oxide treated for additional corrosion resistance.
Finish	Polyester powder coating. RoHS compliant. Optional Marine Grade Finish (for applications within two blocks of saline environment).
Warranty	5-Year Limited Warranty
Certification and Listing	Suitable for indoor and outdoor use. RoHS compliant. Made in USA with sustainable processes.

MOUNTING III — ROUND CANOPY

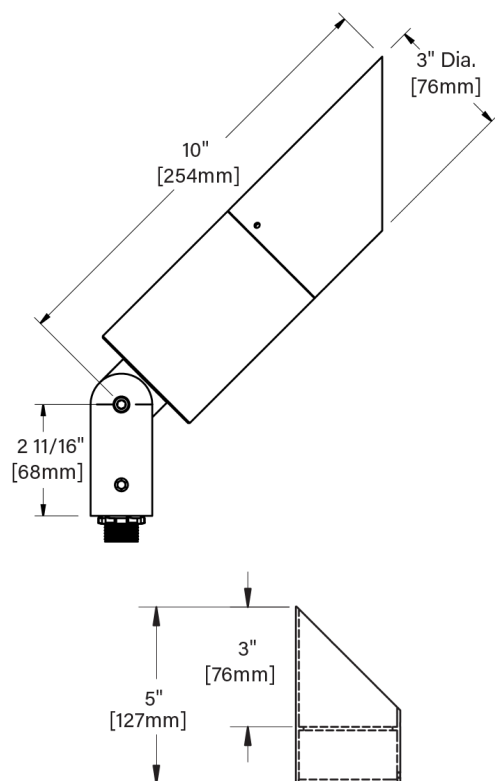
SMB2 Round Canopy

	
Material	Cast aluminum.
Hardware	Tamper-resistant, stainless steel mounting hardware. Black oxide treated for additional corrosion resistance.
Finish	Polyester powder coating. RoHS compliant. Optional Marine Grade Finish (for applications within two blocks of saline environment).
Warranty	5-Year Limited Warranty
Certification and Listing	Suitable for indoor and outdoor use. RoHS compliant. Made in USA with sustainable processes.

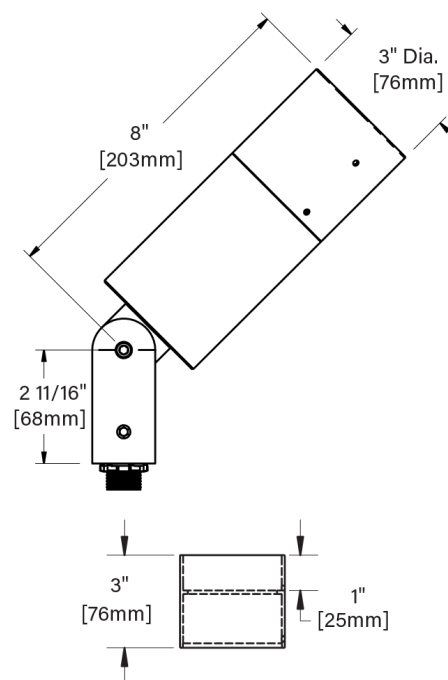
WM Wall Mount is available upon request only. Mounting dimensions are on pages 5 and 6.

DIMENSIONS AND CAP STYLE

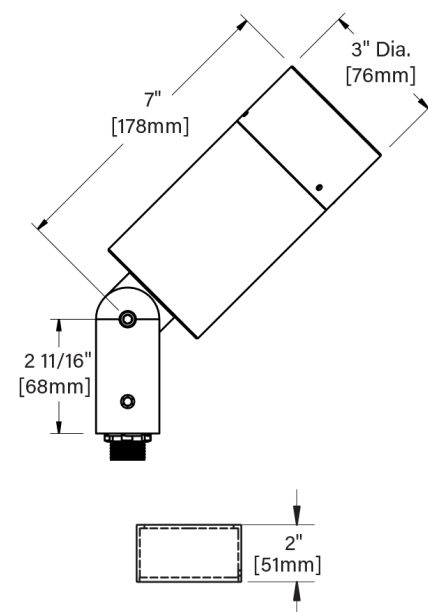
A 45° Cap Style



B 90° Cap Style

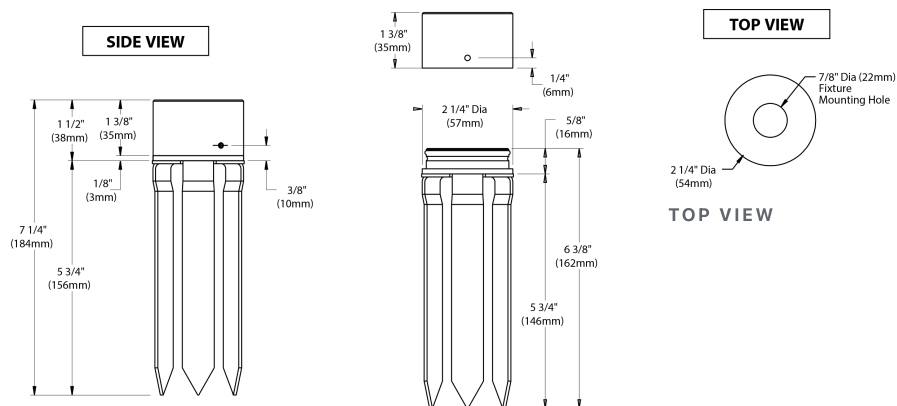


C Flush Cap Style



MOUNTING DIMENSIONS

ST Mounting Stake



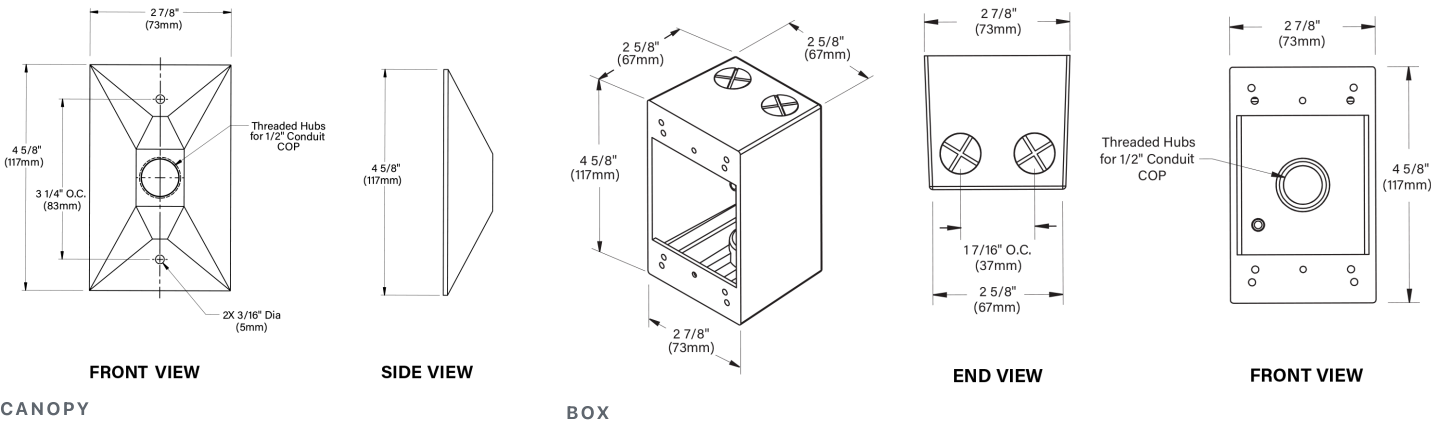
SIDE VIEW

For information purposes only. Drawings provided upon request.

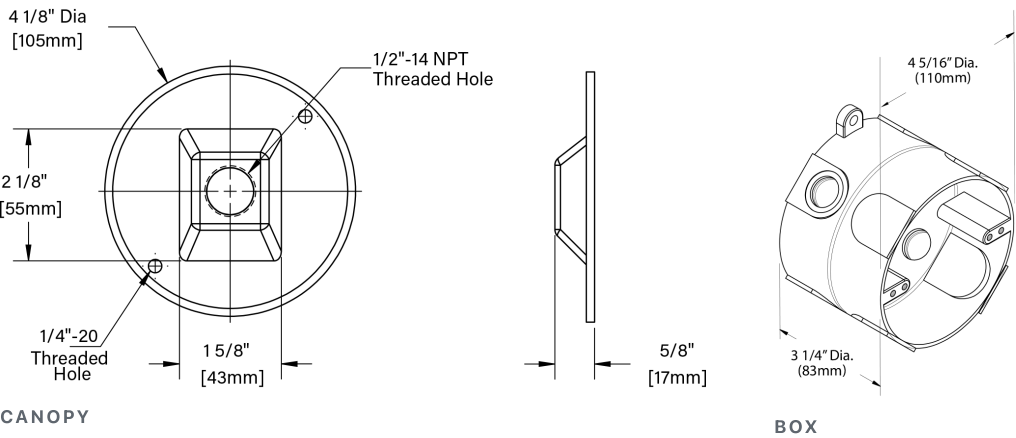
Canopy dimensions for **SMB1** Rectangular Canopy and **SMB2** Round Canopy are on page 6.

MOUNTING DIMENSIONS — CONTINUED

SMB1 Rectangular Canopy



SMB2 Round Canopy



For information purposes only. Drawings provided upon request.