

PREVIA

SOLAR BOLLARD

PREVIA is a self-sufficient solar bollard designed for reliable outdoor illumination in areas without readily available grid power. Integrated solar technology, durable construction, and flexible height options make it well suited for pathways, parks, driveways, and landscaped environments.

HEIGHT 4 ft, or 5 ft with grass/snow guard
 Specify on page 2.



LIGHT SOURCE	
Source	LED
CCT	3000K standard
Lumen Output	1,100 Lm – 7,000 Lm. Refer to page 3
Efficiency	180 lm/W / 200 mAh
Power	Max 30 Watts
L80 Life	>100,000 hours
Rating	IP65

GENERAL	
Material	Aluminum
Impact Resistance	IK06
Finish	Powder coat
Weight	56.2 lb – 66.1 lb [25.5 kg – 30 kg]
Salt Spray Test	ISO 9227:2012
Warranty	5 Years
Certification and Listing	UL 8801 pending

SOLAR MODULE	
Solar Module	Monocrystalline silicon cells, processed by Photinus
Efficiency	22.6%
Max Performance P _{mpp}	Array total per model: 1080 = 120 Wp* / 4 modules; 1200 = 160 Wp* / 4 modules

*Wp = Watt Peak: maximum power output under standard conditions. Modules also charge in cloudy conditions.

BATTERY	
Battery	LiFePO4 / 538 Wh (12.8V 42Ah)
Operating Temperature	-4°F to 140°F [-20°C to 60°C]
Battery Life	>10 years
Protection Class	IPX8

Battery is placed underground with both mounting types. Refer to page 5.

ORDER CODE

MODEL	HEIGHT	CCT	OPTIC	TIME MANAGEMENT
PREVIA	120 Height of 4 ft 150 Height of 5 ft with grass/snow guard	30 Standard 3000K 40 4000K* <small>*upon request</small>	PATH AND STREET SCL T2 T3 AREA T4B VSM <small>Refer to page 3.</small>	V5 Standard Setting V0 No Time Management V3 Continuous lighting 100% V3M Light-on-Demand, requires PILG option V4 Night-time reduction to 40% <small>For other time management options, consult factory.</small>

MOUNTING	FINISH	OPTIONS	LOCATION
PF Pipe Foundation ABO Anchor Base with Opening	D Dark	00 None LOG One side with Logo/Graphics (only 3 solar panels) PILG All-in-one E-safe Hub Sensor MGP Marine Grade Primer	ADDRESS Provide Full Address of Installation

SPECIFY YOUR CODE — example values shown in grey

PREVIA

MODEL

HEIGHT

120

CCT

30

OPTIC

SCL

TIME

V5

MOUNT

PF

FINISH

D

OPTIONS

00

LOCATION

ADDRESS

STREET

CITY

STATE

ZIP

STANDARD LUMEN OUTPUT

ALL VALUES AT 180 LM/W

For information purposes only. The required number of solar panels will be determined by the manufacturer to accommodate the necessary solar intake and achieve the desired lumen output for each specific project.

SEATTLE, WA latitude 47.608013

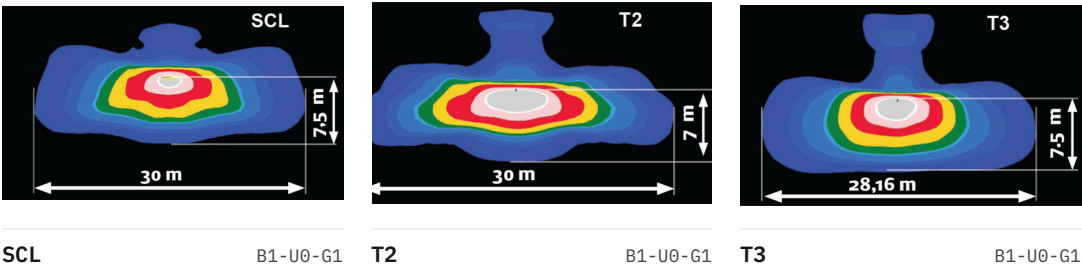
MODEL	TIME MANAGEMENT	WATTAGE	EST. LUMEN OUTPUT
PREVIA 4 solar panels	V5 Standard Setting	9.6 W	1744 Lm
	V3M reduction to 10% and activated at 100%	16.5 W	2972 Lm
	V4 Night-time reduction to 40%	6.3 W	1142 Lm

PALM SPRINGS, CA latitude 33.830517

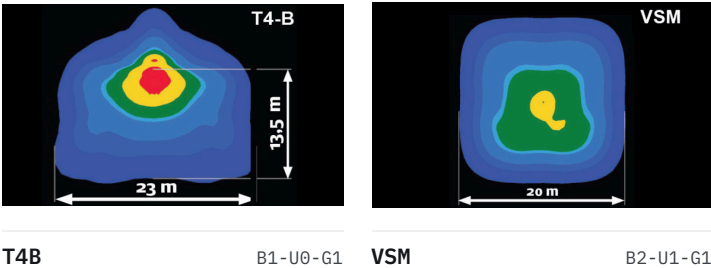
MODEL	TIME MANAGEMENT	WATTAGE	EST. LUMEN OUTPUT
PREVIA 4 solar panels	V5 Standard Setting	19.9 W	3594 Lm
	V3M reduction to 10% and activated at 100%	39.3 W	7080 Lm
	V4 Night-time reduction to 40%	14.7 W	2663 Lm

PHOTOMETRICS

PATH AND STREET OPTICS

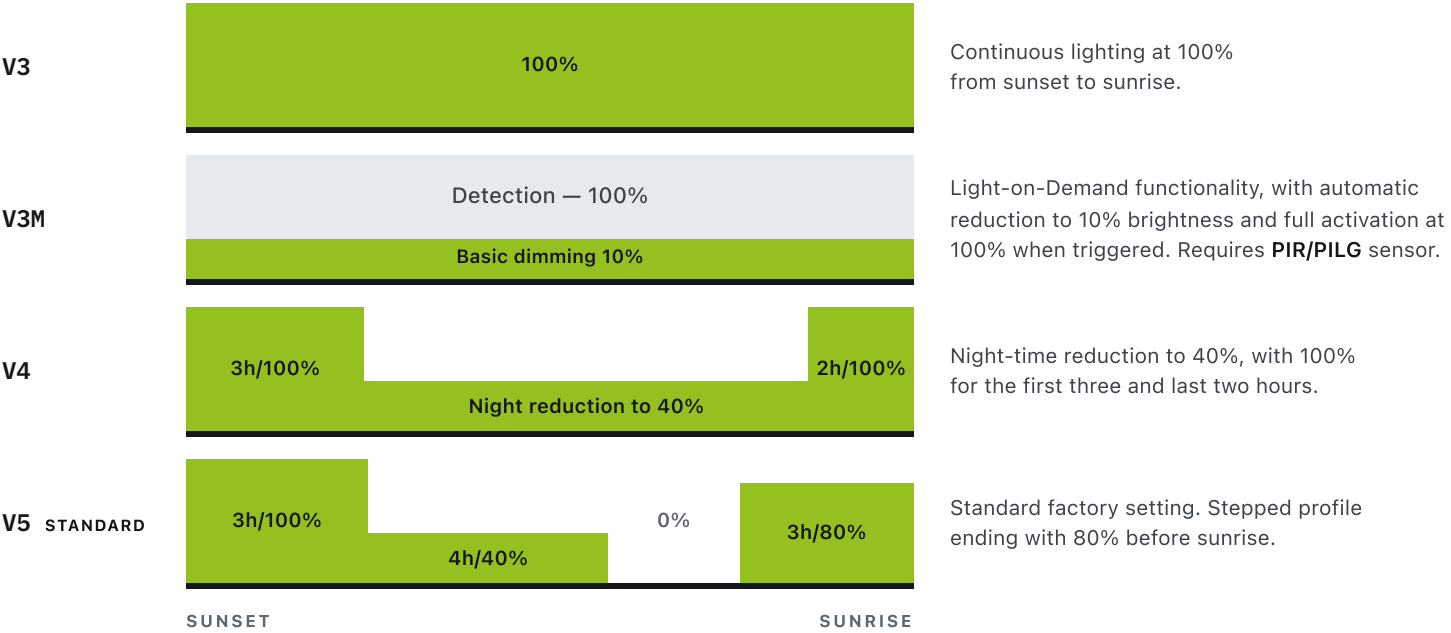


AREA OPTICS



Additional optics are available upon request. IES files for all distributions are supplied on request.

ENERGY AND TIME MANAGEMENT



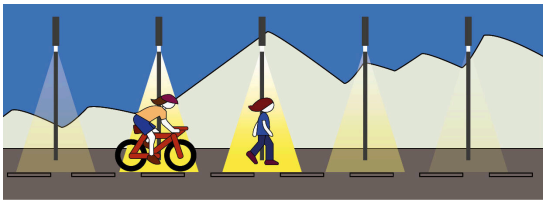
OPTIONS

PIR / PILG Sensor / all in one E-safe Hub Sensor

Each luminaire can be equipped with a PIR sensor for stand-alone or networked light-on-demand control. One GPS-equipped luminaire enables real-time communication across the system, allowing fixtures to adjust output based on activity for improved efficiency, reduced light pollution, and dependable illumination when needed.

LOG Logo or Graphics — printed on one side, with three solar modules. Viability to be determined by the manufacturer, dependent on install location and desired lumen output.

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



FINISH

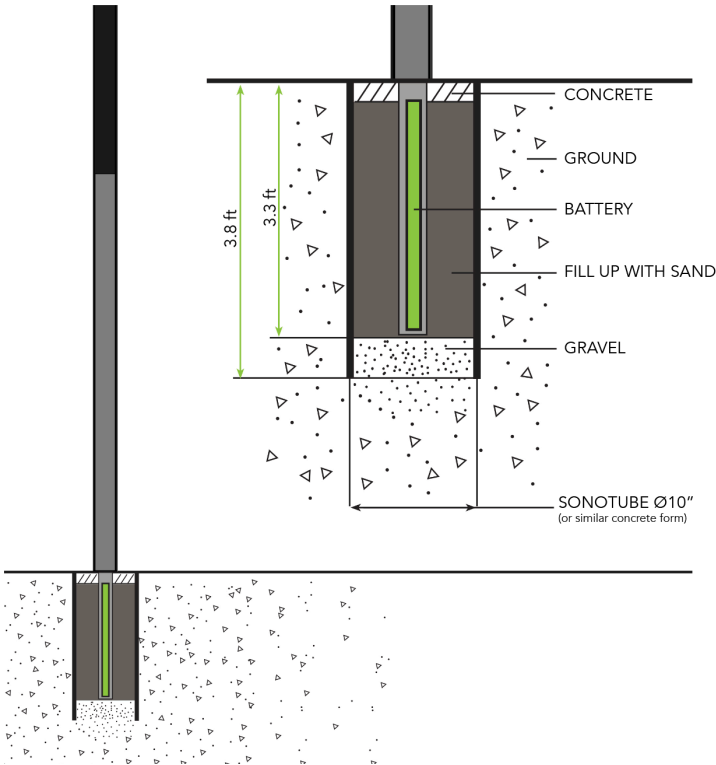


D Sparkling Iron Effect Dark
Tiger 29/70787
Powder Coat

MOUNTING

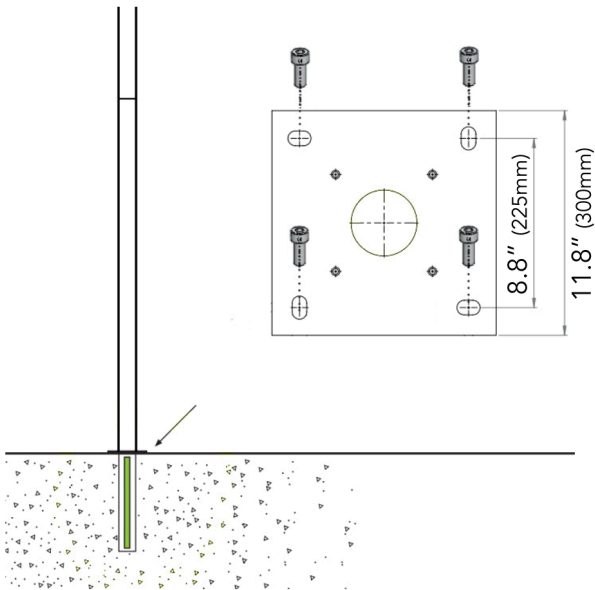
MOUNTING I — PIPE FOUNDATION

PF Pipe Foundation Battery placed underground.



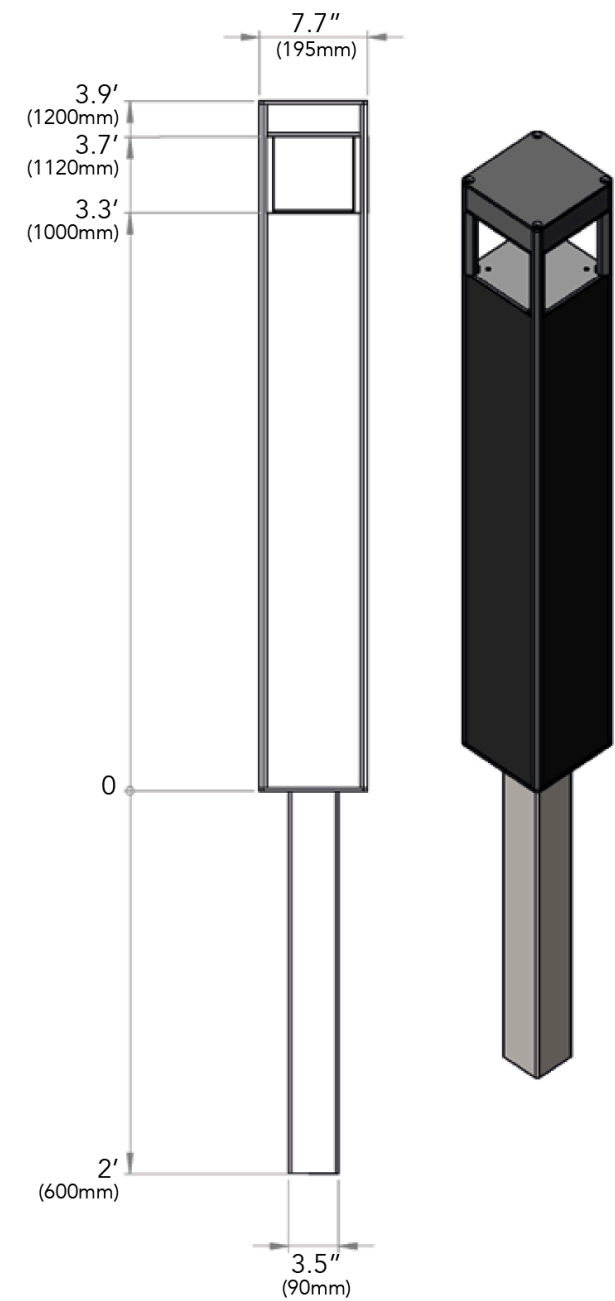
MOUNTING II — ANCHOR BASE

ABO Anchor Base with Opening Base plate detail. Battery placed underground.

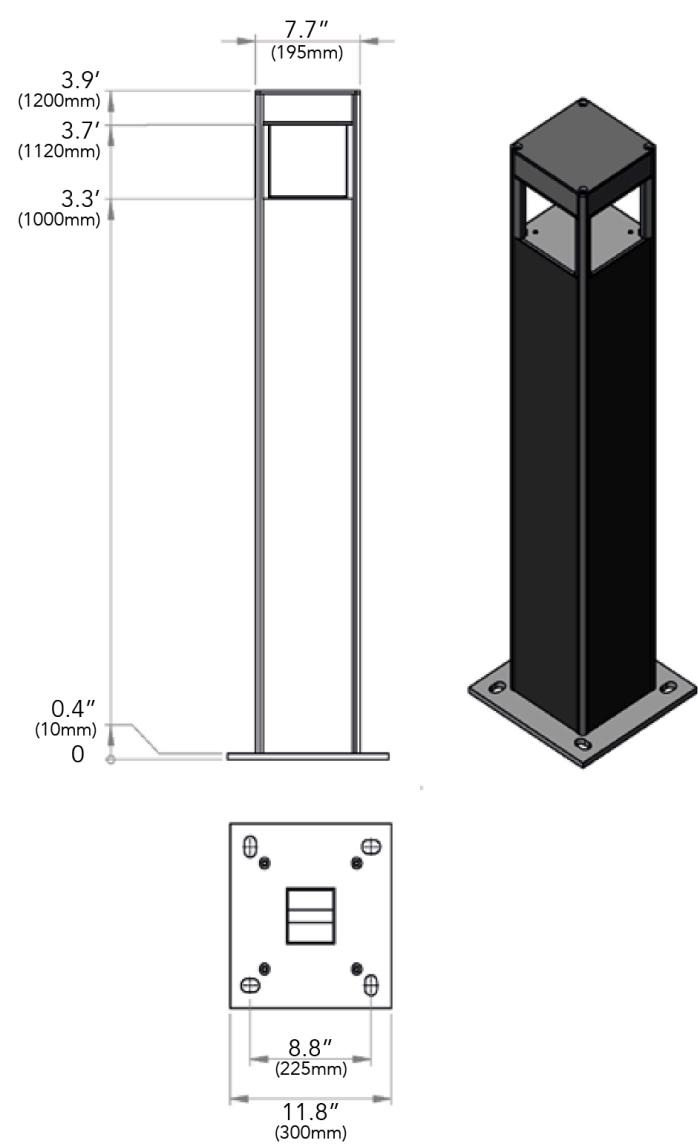


DIMENSIONS — PREVIA 120

PF Pipe Foundation



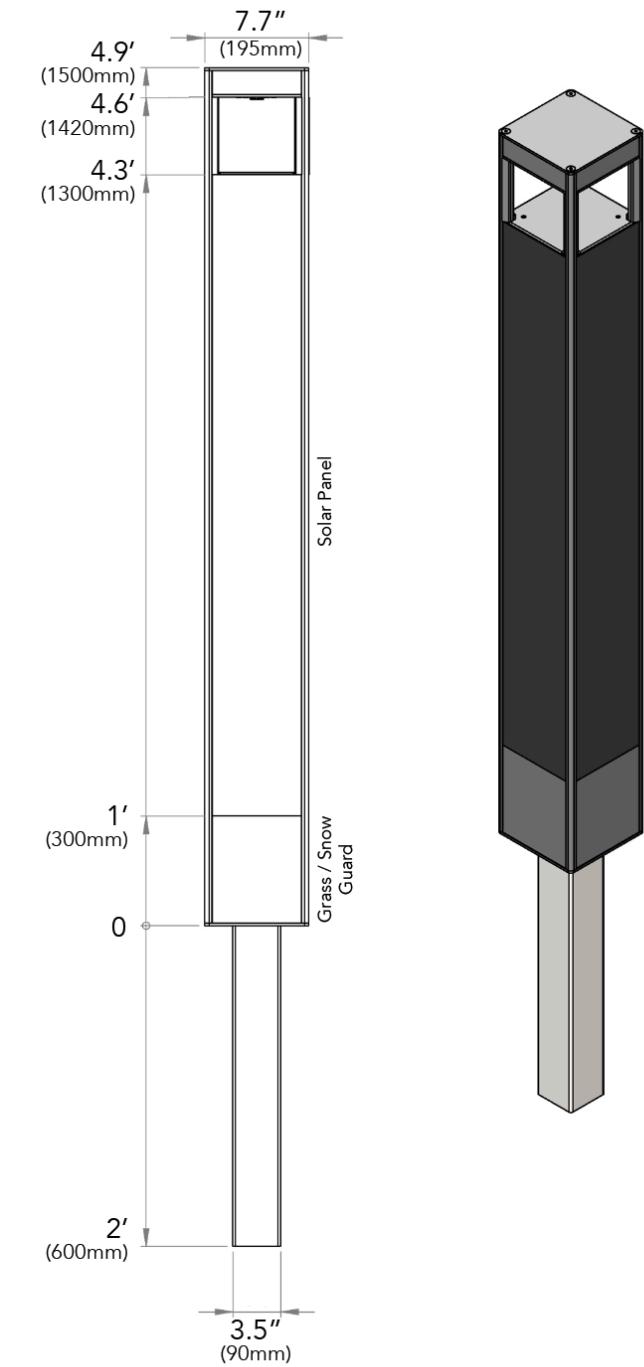
ABO Anchor Base with Opening



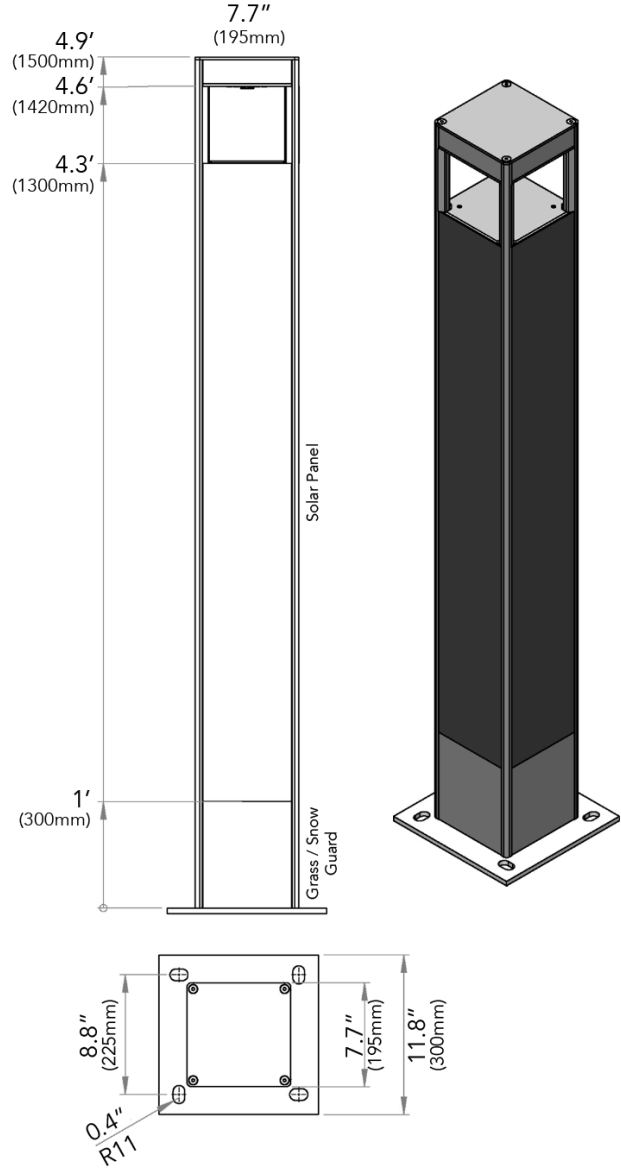
For information purposes only. Drawings provided upon request.

DIMENSIONS — PREVIA 150

PF Pipe Foundation



ABO Anchor Base with Opening



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