SP-010

exteria

SPECIFICATION SHEET

Architectural, Functional and Green Renewable. Exteria's Solar LED bollard is the perfect architectural grade bollard for renewable and low maintenance applications. Featuring a smart motion sensor, variety of optic selections, and color temperature options, these Solar LED Bollards make it ideal for applications such as resorts, off-road hiking trails, shoping malls, and other exterior applications.

FINISH

Black	Gray	Platinum silver

CCT

3000K	4000K	5700K	Blue

MOUNTING

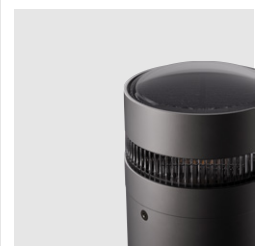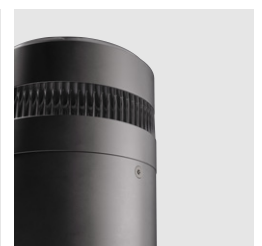| Surface Mounted	Embedded

DISTRIBUTION

Round

Plug-and-Play

Designed for effortless deployment, the solar fixtures operate independently with no external wiring or transformers required. Installation is quick and clean, with no trenching, re-paving, or complex electrical connections, making them ideal for both new and retrofit projects.

LISTING

IP65	FCC	WILDLIFE LIGHTING

SP-010

ELECTRICAL

Power Storage	Panasonic Eneloop battery 6Ah. 3.6Vdc, Lifespan: 8 - 10 years
Charging Time	Requires approximately 4 hours of direct sunlight for a full charge, or 8 hours under overcast weather conditions
Solar Deprivation Limit	Fully charged unit can operate for 3–4 consecutive days without sunlight (up to 5 days maximum under extended low-light conditions)
Solar Panel	High-efficiency crystalline silicon (1 x 8W), Lifespan: 20 years
Drive Current	125mA constant

PHOTOMETRIC PERFORMANCE

Lumen Output	10.5 lm
Color Temperature	3000K, 4000K, 5700K, Blue
Lumen Maintenance	> 60,000 Hours (L70)

OPERATIONAL

Operating Duration	Minimum 12 hours of illumination per night under normal charging. Excess stored energy is carried over to the following night.
Control System	Exteria's Solar Controller System (5V 2A) integrating a photocell on/off switch and motion sensor for automatic operation
Photocell Control	Fixture automatically turns ON at 1.5 footcandles and OFF at 3 footcandles

PHYSICAL

Dimension	Ø6.3" x 33.5" (SP-010), Ø6.3" x 13.5" (SP-010s)
Material	Extruded aluminum
Finish	Black, Gray, Platinum Silver
Weight	17.7 lbs (SP-010) / 11 lbs (SP-010s)
Anchorage	Anchor base with stainless steel anti-theft screws
Mounting	Embedded, Surface mounted

ENVIRONMENTAL

Operating Temperature	-40°F ~ 140°F
Ingress Protection	IP65
Listing	FCC, Wildlife Lighting Certification: 2019-204

WARRANTY

Warranty	3-year limited warranty

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Exteria Lighting reserves the right to modify this product at any time without prior notice, as part of ongoing improvements. Please visit our website for the most current specifications.

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CATALOG

PROJECT	TYPE	QUANTITY

PRODUCT CONFIGURATOR ↗   Try our **product configurator** on our website to easily specify your requirements and add items to a fixture list.

			RD	
MODEL	**CCT**	**FINISH***	**DISTRIBUTION**	**ANCHORAGE**
SP010 SP-010	**30K** 3000K	**BLK** Black	**RD** Round	**AKE** Embedded
SP010S SP-010s Short	**40K** 4000K	**GRY** Gray		**AKS** Surface Mounted
	57K 5700K	**PTS** Platinum Silver		
	BLU Blue			

Notes

* Uses high corrosion-resistant materials for the coating and sealant to prevent damage from long-term exposure to saltwater environment.

DIMENSIONS

SP-010	SP-010s

SP-010: 6.3", 33.5"

SP-010s: 13.5"

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