



SolarScape off-grid luminaire is an all-in-one integrated and cost-effective area lighting solar solution with a high quality of light and reliable performance consisting of a LED light with a solar photovoltaic panel, a Lithium Iron Phosphate battery, and a controller, making it easy to specify, sell, install, and maintain. It comes pre-programmed with an operating profile and a microwave-based motion sensor ready to be turned-on for customers to have a lighting solution in areas where electricity is not available and/or more expensive.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lumens: _____ Qty: _____

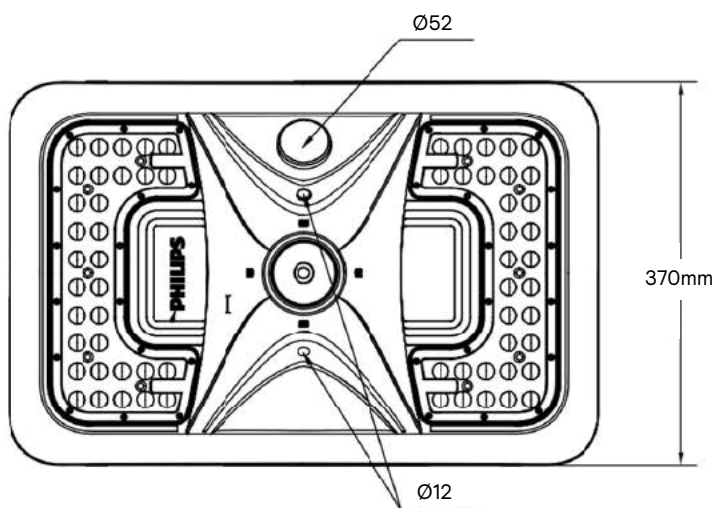
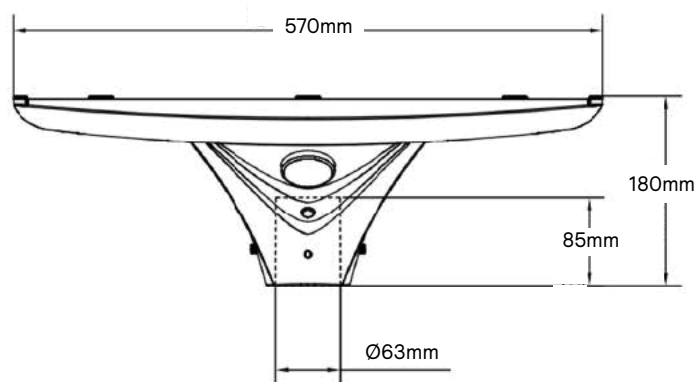
Notes: _____

Ordering guide

Catalog Code	Lumen Output	Color	Distribution	Sensor	Finish
BPP750 LED54 WW AIO solar post top	5,415	WW	Batwing	Y	Black (RAL9005)
BPP750 LED37 WW AIO solar post top	3,515	WW	Batwing	Y	Black (RAL9005)
BPP750 LED19 WW AIO solar post top	1,805	WW	Batwing	Y	Black (RAL9005)
BPP750 LED54 NW AIO solar post top	5,500	NW	Batwing	Y	Black (RAL9005)
BPP750 LED37 NW AIO solar post top	3,700	NW	Batwing	Y	Black (RAL9005)
BPP750 LED19 NW AIO solar post top	1,900	NW	Batwing	Y	Black (RAL9005)
BPP750 LED54 CW AIO solar post top	5,500	CW	Batwing	Y	Black (RAL9005)
BPP750 LED37 CW AIO solar post top	3,700	CW	Batwing	Y	Black (RAL9005)
BPP750 LED19 CW AIO solar post top	1,900	CW	Batwing	Y	Black (RAL9005)

1. Silver finish available upon request (RAL9006) with an extended lead time.

Dimensions



BPP750 SolarScape

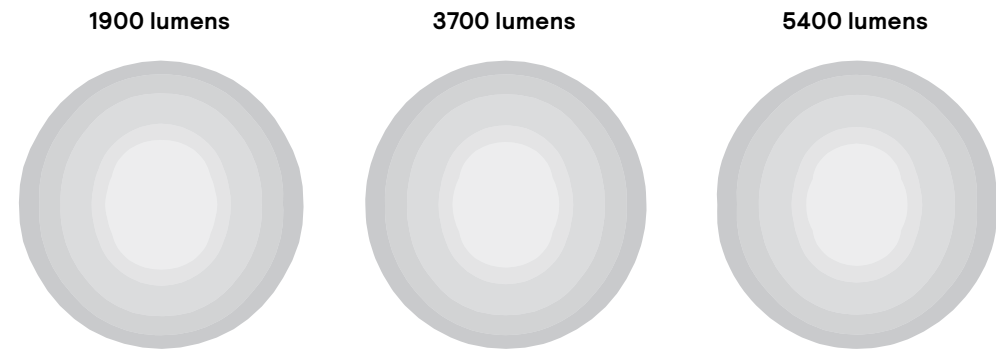
Off-grid luminaire

LED Wattage and Lumen Values (at 100% with motion sensor activated)

Ordering Code	Color Temperature (CCT)	Average Wattage System	Lumen Output	Efficacy (LPW)
BPP750 LED54 WW	3000K	30W	5415	180
BPP750 LED37 WW	3000K	20W	3515	175
BPP750 LED19 WW	3000K	10W	1805	180
BPP750 LED54 NW	4000K	30W	5,500	183
BPP750 LED37 NW	4000K	20W	3,700	185
BPP750 LED19 NW	4000K	10W	1,900	190
BPP750 LED54 CW	5700K	30W	5,500	183
BPP750 LED37 CW	5700K	20W	3,700	185
BPP750 LED19 CW	5700K	10W	1,900	190

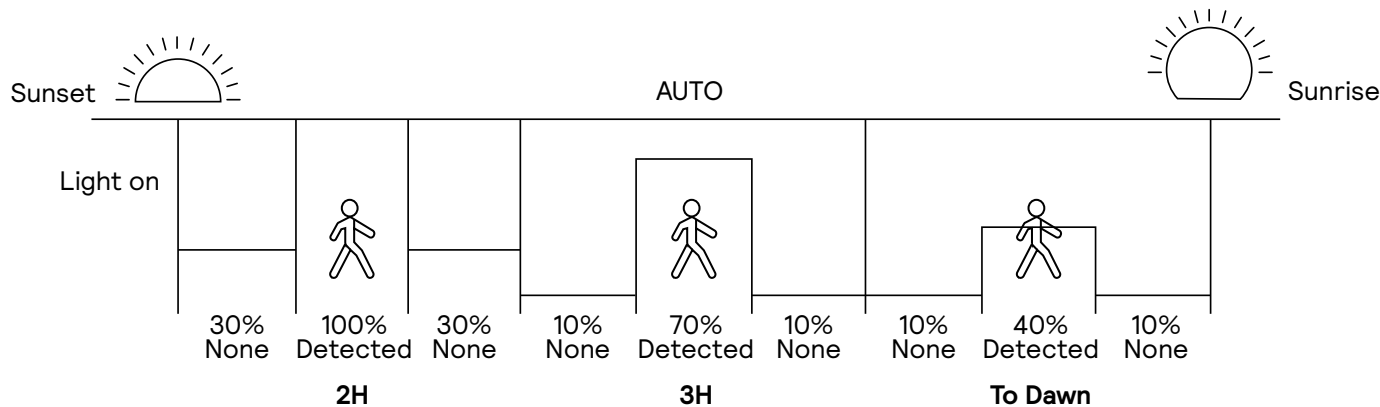
Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

Optical Distributions



Operating Profile

- First 2 hours from dusk, light level is at **30%** if there is no presence detected and **100%** if there is a presence.
- Next 3 hours, light level is at **10%** if there is no presence detected and **70%** if there is a presence.
- Remaining hours to dawn, light level is at **10%** if there is no presence detected and **40%** if there is a presence.



BPP750 SolarScape

Off-grid luminaire

Specifications

Luminaire			
Wattage	1900lm	3700lm	5400lm
	10W	20W	30W
Efficacy (lm/W)	190	190	185
CCT	3000, 4000K, 5700K		
CRI	70		
Optical Distribution	Batwing		
Housing Size (in)	22.44 x 14.6 x 7.1		
Housing Finishes	Black (RAL9005), Silver (RAL9006)		
Housing Material	Die-cast Aluminum		
Bracket	Integrated with housing		
Ingress Protection	IP65		
Impact Protection	IK08		
Battery			
Type	Lithium Iron Phosphate		
Battery Voltage	12.8V		
Battery Capacity	6Ah	12Ah	18Ah
Temperature Range	14 to 131 °F		
Solar Panel			
Type	Mono-Crystalline		
Voltage	18V		
Peak Wattage	35W		

Charge Controller			
Type	MPPT		
Efficiency - Charging	92%		
Efficiency - Discharging	96%		
Field Configurable	No		
External Charger			
Charging Port IPXX	IP65		
Charging Voltage	16~20V		
Charging max current	6A		
Mounting			
Mounting Type	Vertical Post-Top		
Recommended Mounting Height	13 ~ 20 ft		
Outer mounting diameter	2 3/8" (60mm) O.D		
Effective Projected Area (EPA)	0.48 ft²		
Product			
Net Weight (lbs)	10.6	12	13.3
Gross Weight (lbs)	14.6	16	17.7
Box Dimensions	25.4 x 17.6 x 9.1"		
Limited Warranty	5 years		



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GENLYTE
SOLUTIONS
a **Signify** business

Signify North America Corp.
400 Crossing Blvd, Suite 600
Bridgewater, NJ 08807
Telephone: 800-555-0050

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone: 800-668-9008

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