

SunBell Smart Y

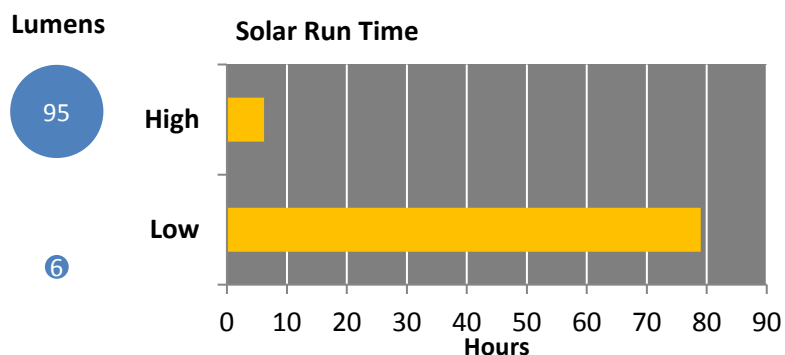
Bright Products

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Verify Online:

www.lightingglobal.org/products/bp-sbsmarty

Valid Until: July 31, 2019



Meets Lighting Global Quality Standards



Mobile Charging

1

Light Point

Warranty Information

A 2-year warranty covering manufacturing defects.

Performance Details

Performance Measure	Brightness Setting		
	High	Medium	Low
Full battery run time* (hours)	9.1	30	130
Run time per day of solar charging* (hours)	6.2	20	79
Total light output (lumens)	95	26	6.2
Total lighting service (lumen-hours / solar-day)	590	520	490

* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

Lighting Details

Lamp type	LED
Description of light points	Three LEDs inside a transparent cover.
Colour characteristics	CRI 82 CCT "Near Daylight" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	104% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
Product Housing	UV resistant plastic
Ingress Protection	Product meets IP64 (Has protection from dust and frequent rain)

Durability

Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. protection from frequent rain

Solar Details

PV module type	Monocrystalline silicon
PV maximum power point	1.8 watts

Battery Details

Battery replaceability	Not easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	18650
Battery capacity	2300 mAh
Battery nominal voltage	3.7 V
Appropriate battery protection circuit	Pass

Product Details

Manufacturer name	Bright Products
Product name	SunBell Smart Y
Product model / ID number	--
Contact information	info@bright-products.com
Website	http://bright-products.com/

SSS Information

Specs sheet expiration date	July 31, 2019
Quality Standards Framework Version	2017
Revision	2017.12