Sun King Torch

SK-781
Sun King

✓ **Meets the requirements in IEC TS 62257-9-8:2020 for Size A Kits**

1 **Light point(s)**

▶ **Plug-and-play**

WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system

PERFORMANCE DETAILS

Setting	Description	Run time after a typical day of solar charging (assuming 5kWh/m^2/day)	Total light output (lumens)
Turbo	LED on highest lighting setting consuming 3.3 W of power without the diffuser.	2.7 hours	270 lumens
Normal	LED on highest lighting setting consuming 1.0 W of power without the diffuser.	8.7 hours	not tested

Available daily electrical energy (Wh/day)	9

Performance measure	Brightness setting: Turbo
Lighting full battery run time (hours)	2.9

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy* (lm/W)	CRI**	CCT***	Distribution type	Lumen maintenance****
SK781 integrated torch light	1	3	Turbo (without difusser)	270	80	73	7000	Narrow	99%
			Turbo (with difusser)	240	73	73	6900	Omnidirectional	

* Lumen efficacy is the power consumption at a light point during the light output test.

** Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

*** Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

**** Percent of the original light output that remains after 2,000 hours of run time

SPECIAL FEATURES		
LEDs	⭐	**UV-free LEDs are used to optimize health and safety as well as efficiency.**

DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test, Physical ingress protection
Level of water protection	Solar Torch	Has protection from frequent rain; met IPX3

MAIN UNIT BATTERY DETAILS	
Battery replaceability	Not easily replaceable with common tools.
Battery chemistry	Lithium-ion
Specific Li-ion battery chemistry	lithium iron phosphate
Battery package type	18650
Battery capacity	2.6 Ah
Battery nominal voltage	3.7 V
Battery status/ other indicator lights	One indicator shows the charging status.

PRODUCT DETAILS	
Manufacturer name	Sun King
Product name	Sun King Torch
Product model / ID number	SK-781
Contact information	sales@sunking.com
Website	www.sunking.com
Dimensions (entire product in package)	3.4 x 3.4 x 14 cm
Mass	135 g

SSS INFORMATION	
Specs sheet expiration date	March 31, 2025
Revision	2023.05