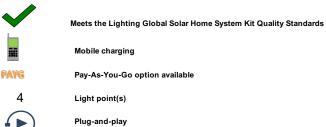
Verify online:		
https://data.v	erasol.org/products/sek/cecep-g	en021p
Valid until:	August 31, 2023	





WARRANTY INFORMATION
A 2-year warranty covering manufacturing defects in the system.

				Run time after a typica	I day of solar charging
				(assuming 5	kWh/m²/day)
VeraSol Certified?	Included in Kit?	Appliance ^a	Description	Used alone ^b	Used in combination ^c
yes	included	Main lighting unit	4 light points on (On) totaling 910 lumens and 11 W power	6 hours	1.2 hours
		Television	18 W power consumption while in-use	3.8 hours	0.6 hours
no not included	Fan	Table fan (28 W power)	2.4 hours	1.5 hours	
	notinciuded	Mobile phone	Basic phone (3.7 Wh battery)	13 full charge(s)	
		Mobile phone	Smart phone (5.7 Wh battery)	8.3 full charge(s)	0.3 hours

Available daily electrical energy^c (Wh/day) 67

Performance measure	Brightness setting: On
Lighting full battery run time ^d for main unit (hours)	8.9
Total lighting service (lumen-hours/solar-day)	5470
	5470

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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 name	Number of lamps	Number of settings	Setting	Light output (Im)	Lumen efficacy ^e (Im/W)	CRI ^f	CCTª	Distribution type	Lumen maintenance ^h
LED Lamp	4	1	On	230	81	70	6190	Wide	100%

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

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

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

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

PORTS							
4	USB 2.0 type A		Mobile phones can be charged, adapters are included.				
4	Barrel jack	-	12 V ports available to power light points.				
2	TV /Fan Port		12 V ports available to power TV and Fan				
DURABILITY							
Overall durability a	nd workmanship		Pass				
Durability tests pas	ssed		Switch test, Strain relief test, Physical ingress protection, PV durability tests				
	Level of water protection		Has protection from occasional rain; met with appropriate warning label				
Level of water prot			Has protection from permanent outdoor exposure				
		LED Lamp	Has protection from occasional rain; met with appropriate warning label				
SOLAR DETAILS							
PV module type			Monocrystalline silicon				
PV maximum power			21 watts				
MAIN UNIT BATTERY DETAILS							
Battery replaceabil	lity		Easily replaceable with common tools; however, the warranty is void if product is opened.				
Battery chemistry			Lithium iron phosphate				
Battery package type			26700				
Battery capacity			8.2 Ah				
Battery nominal vo	Itage		12.8 V				
Battery status indication			Four red LEDs indicate the battery status.				
PRODUCT DETAI							
Manufacturer name			CECEP Solar Energy Technology (Zhenjiang) Co., Ltd.				
Product name	5		Solar Lighting System Solar Generator				
Product model / ID	number		CECHS-021p				
Contact information			zhaogang01@cecsec.cn				
Website			http://www.cecepsolar.com/				
Dimensions (entire product in package)			Multiple packages. Contact manufacturer for more information				
Mass			Multiple packages. Contact manufacturer for more information				
SSS INFORMATION							
Specs sheet expiration date			August 31, 2023				
Quality standards framework version			2021				
Revision			2021.07				