

### Normal heating Test Data Table

Project No.:	FTS20080703L	Test Engineer:	Richard pan
Product:	Solar flagpole lights	Testing Date(s):	2020-08-07
Model No.:		Reviewer:	Niko wang
Electrical Rating:	3.7VDC	Reviewed Date:	2020-08-08
Test Standard(s):	IEC/EN 60598-1; Clause 11		

<b>HEATING TEST NORMAL CONDITION (11)</b>				<input type="checkbox"/> N/A	<input type="checkbox"/> Fail	<input checked="" type="checkbox"/> Pass
VOLTAGE ( V )	3.7VDC		INPUT ( W )	1.26		
CURRENT ( A )	0.34		FREQ. ( Hz )	/		
<b>CONDITION / INSTALLATION</b> (voltage, power input, test corner, load, other conditions specified in part 2)						
<input type="checkbox"/> 0.94 Un <input type="checkbox"/> 1.06 Un <input type="checkbox"/> 1.15 Pn <input type="checkbox"/> $\sqrt{1.15}$ Un            for PTC heating element						
<b>DURATION</b> <input checked="" type="checkbox"/> test until steady condition; <input type="checkbox"/> test for _____						
<b>OBSERVATION</b> <input type="checkbox"/> Protective device did not operated						
<b>AMBIENT TEMP.</b> t1 = 26.4    °C (before test)    t2 = 25.6    °C (after test)						
Ch. No.	Location / Part thermocouple	(by	Temp. (°C)	Temp. rise (K)	Limit (K °C)	Result (P / F)
102	DC connector		26.9	0.3	Ref	P
103	Input wire		28.9	2.3	90	P
104	LED light source		41.8	15.2	Ref	P
105	LED PCB		31.2	4.6	110	P
106	Lens internal		31.2	4.6	Ref	P
107	Glass cover		28.3	1.7	Ref	P
108	Waterproof cushion		28.1	1.5	90	P
109	Mounting surface		28.6	2	90	P
<b>Additional info.:</b>						

Equipment list:

Equipment No.	Equipment Name	Next calibration date
FTS-025	Temperature recorder	2022-03-08
FTS-083	Temperature and humidity meter	2022-03-08
FTS-030	ITECH DC ELECTRONIC LOAD	2022-03-08