

### Normal heating Test Data Table

Project No.:	FTS20082003L	Test Engineer:	Richard pan
Product:	Solar flagpole lights	Testing Date(s):	2020-08-20
Model No.:		Reviewer:	Niko wang
Electrical Rating:	3.0 VDC	Reviewed Date:	2020-08-20
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 )	3.0VDC	INPUT ( W )	2.34			
CURRENT ( A )	0.78	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 =    27.5    °C (before test)    t2 =    26.7    °C (after test)						
Ch. No.	Location / Part thermocouple (by	Temp. (°C)	Temp. rise (K)	Limit (K °C)	Result (P / F)	
102	DC connector	28.9	0.46	Ref	P	
103	Input wire	27.9	2.5	90	P	
104	LED light source	42.2	15.9	Ref	P	
105	LED PCB	34.3	4.7	110	P	
106	Lens internal	32.6	4.6	Ref	P	
107	Glass cover	28.3	2.2	Ref	P	
108	Waterproof cushion	29.3	1.8	90	P	
109	Mounting surface	29.1	2.6	90	P	
<b>Additional info.:</b>						

Equipment list:

Equipment No.	Equipment Name	Next calibration date
FTS-025	Temperature recorder	2022-03-20
FTS-083	Temperature and humidity meter	2022-03-20
FTS-030	ITECH DC ELECTRONIC LOAD	2022-03-20