

# High Temperature 100°C Endurance Test



## 3 Test Results

Test sample		
Test model	PH-T120	81W
Lens	85x150°	It can be used in the temperature of up to +100°C
Breather	The metal breather	It can withstand the high temperature of +120°C
Connector	The high temperature resistant connector	It can withstand the high temperature of +120°C
Cable	Heat resistance cable	It can withstand the high temperature of +180°C
Driver	Meanwell HLG-100H-42A	--

Testing method	
Testing method	The sample is kept in the testing oven, the driver is kept outside the oven.
Temperature	The sample is tested at the temperature of 100°C.
Duration of the test	1 week (7 days)

Test results table 1

Input voltage	Current	Power	PF	Luminous flux
Before test				
230VAC, 50Hz	0.36A	80.4W	0.95	9343.5lm
After test				
230VAC, 50Hz	0.36A	80.5W	0.95	9250.4lm

## 4 Summary

See test results table 1 and the appearance in photo doc.

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1 week (7 days)  
continuous lighting  
at 100 °C environment

