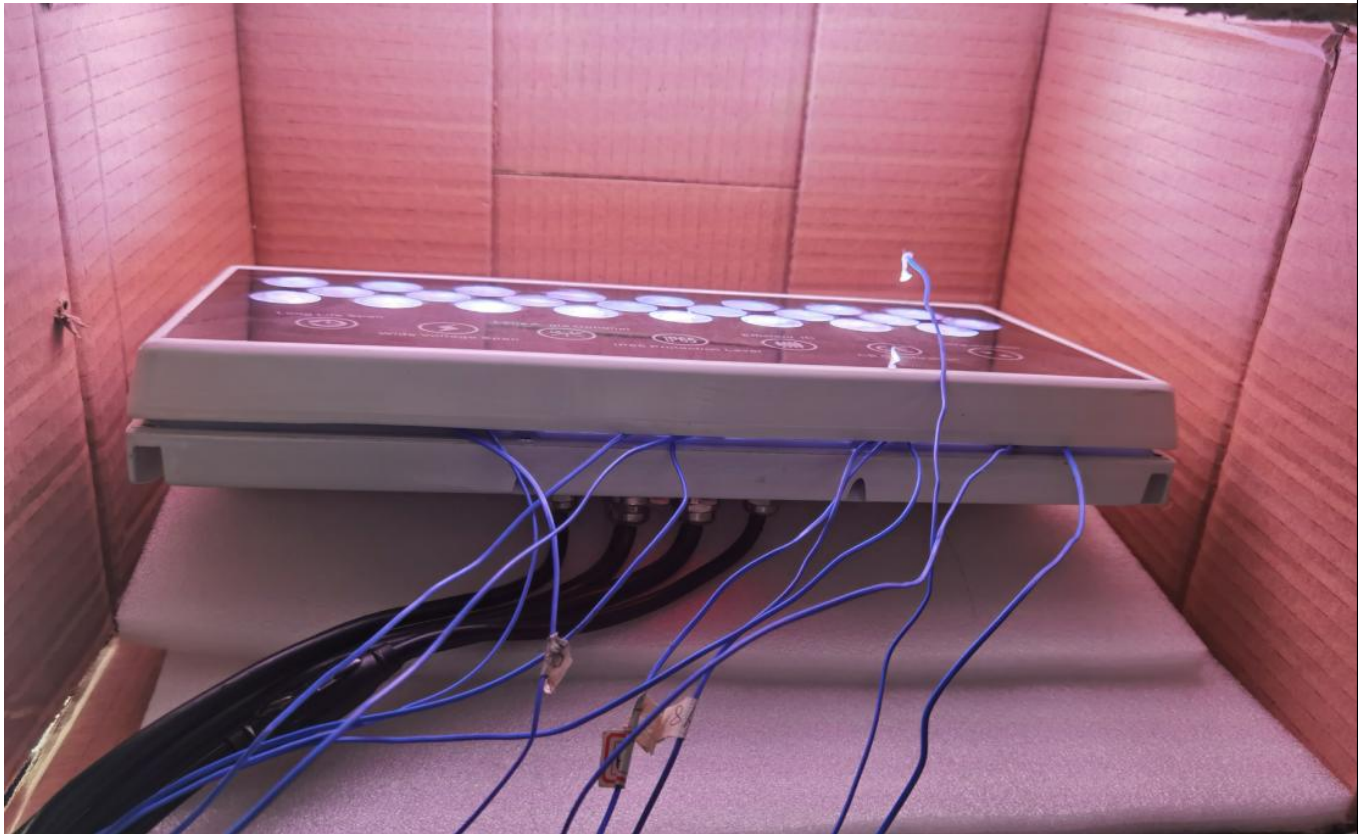


Test report

Test items	(SQ) Temperature rise test
Test object	SP-DKP-F170-24P-RDM
Purpose of detection	Test whether the temperature of each point is within the range
Test time	Start 2022-10-31 14:40 End: 2022-11-01 9:00

Testing instrument: thermometer + controller

Experimental methods and steps:
1: The probe is fixed on each test point with temperature glue
2: Put the lamp into the fixed space to avoid too fast air flow (as shown in the figure below), and reach the temperature equilibrium point after 1 hour of testing, (ambient temperature $\approx 34-36$ degrees)

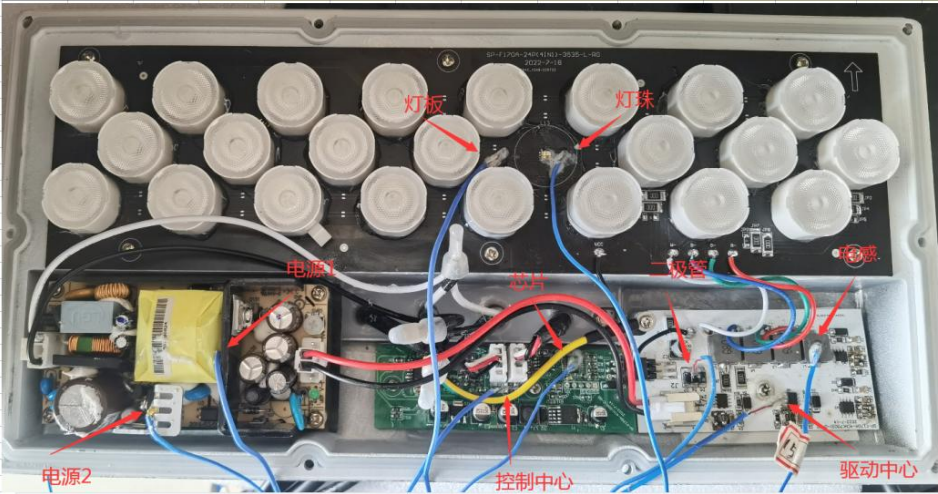


Test data:

F170 Temperature test 65w power supply													
Power:	2022/11.1	Test environment: 34°C					Test steady on temperature rise						
		Test Point	Light board	Light beads	Power supply 1	Power Supply 2	Control board	Center control board chip	089 Inductors	Chip U1	Room temperature	Inside the lamp body	Diode
The maximum value after temperature stabilization		Peak	69.72	70.72	93.95	108.47	62.03	64.64	69.84	65.82	36.96	61.5	70.68
		Valley values	67.65	68.49	92.06		59.62	62.3	67.25	62.68	32.61	56.14	68.36
		Average	68.685	69.605	93.005	106.92188	60.825	63.47	68.545	64.25	34.785	58.82	69.52



F170温度测试 65w电源													
功率:	2022/11.1	测试环境: 34℃						测试常亮状态温升					
		测试点	灯板	灯珠	电源1	电源2	控制板中心	控制板芯片	089电感	芯片U1	室温	灯体内部	二极管
温度稳定后各项值		峰值	69.72	70.72	93.95	108.47	62.03	64.64	69.84	65.82	36.96	61.5	70.68
		谷值	67.65	68.49	92.06	105.32	59.62	62.3	67.25	62.68	32.61	56.14	68.36
		平均值	68.685	69.605	93.005	106.895	60.825	63.47	68.545	64.25	34.785	58.82	69.52



Test results:

From the above data, it can be seen that when the ambient temperature is 34°C, steady on and in the equilibrium state for 1 hour, the temperature of each point rises $\approx 1^\circ\text{C}$, which is within the working range of the lamp.

Test conclusion:

The heat dissipation of the spotlight meets the requirement of use even when it is steady on.