






TEST REPORT

Kunde: <i>Client:</i>	Aurora (Shanghai) Technology Co., Ltd
Adresse: <i>Address:</i>	Room 221, 2F, Building 6, No.7001, Zhongchun Road, Minhang District, Shanghai
Hersteller: <i>Manufacturer:</i>	Aurora (Shanghai) Technology Co., Ltd
Adresse: <i>Address:</i>	Room 221, 2F, Building 6, No.7001, Zhongchun Road, Minhang District, Shanghai
Name der Marke: <i>Brand Name:</i>	N/A
Beschreibung des Produkts: <i>Product Description:</i>	LED Point Light
Modelle: <i>Models:</i>	PP0003-LED1.8M-RGBW-85D
Bewertung: <i>Rating:</i>	DC24V, 1.8W
Verfahren: <i>Method:</i>	ANSI/UL 1598-2008, Sections 19
Prüfergebnis*: <i>Test result*:</i>	Pass

Datum der Prüfung: <i>Date of Test:</i>	Datum der Emission: <i>Date of Issue:</i>	Klassifizierung: <i>Classification:</i>	Gegenstand der Prüfung: <i>Test item:</i>
2022-06-22	2022-06-27	Commission Test	ISTMT Test

Prüflabor (Testlabor) / Testing Laboratory:
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

Test von/Test by:  Yeoh Zhang/ Project Engineer	Check von/Check by:  Torres He/ Director	Genehmigt von/Approved by:  Jesse Liu/ Manager
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Modified Information

Version	Report No.	Revision Date	Summary
V1.0	LCSB051622080S	/	Original Version

General product information:

Measurement was conducted at a stable ambient temperature $25^{\circ}\text{C}\pm 1^{\circ}\text{C}$

Only LED No. W1 and W2 are considered in this report.

Model List:

Item	Model	Rating
1	PP0003-LED1.8M-RGBW-85D	DC24V, 1.8W

LED specification:

Model/Series	Manufacturer	VF (V)	IF (mA)
PP0003-LED1.8M-RGB W-85D	Aurora (Shanghai) Technology Co., Ltd	9	100

Equipment list:

Equipment No.	Equipment Name	Specification data	Cal. Date
SLCS-S-004	Digital Power Meter	YOKOGAWA/ WT210 / 91L424211	2022.5.10
SLCS-S-011	Thermocouple	DE AO/J	2022.5.10
SLCS-S-036	Temperature recorder	AGILENT/ 34970A	2022.5.10





1. GENERAL INFORMATION

1.1 Product Information

Information of product:	
Product description	LED Point Light
Model Number	PP0003-LED1.8M-RGBW-85D
Manufacturer of LED Driver	--
LED Driver models	--
Rated Inputs	DC24V
Rated Power	1.8W
Declared CCT.	4000K
LED Package, Array or Module	2S1P, total 2 pcs LED chip(s)
Date of Receipt Samples	2022-06-22
Quantity of Receipt Samples	1 unit
Information of LED chip:	
LED Chip Manufacturer	Aurora (Shanghai) Technology Co., Ltd
LED type	--
Model of the LED chip(s)	PP0003-LED1.8M-RGBW-85D
Forward voltage of the LED chip	9V
Forward current of the LED chip	100mA
ISTMT temperature of the LED chip	105°C
IES LM-80 Test Report	Report No.:LCS210303112BS Issue Date: 2022-06-23 Tested and Prepared by: Shenzhen Southern LCS Compliance Testing Laboratory Ltd.





1.2 Reference Standards or Methods

The following standards are partly or totally used or referenced for test

Standard	Method
ANSI/UL 1598: 2008	In-Situ Temperature Measurement Test is conducted according to the ANSI/UL 1598-2008, Sections 19.7, 19.10-16. The testing was conducted in a room with ambient temperature of 25°C±5°C. The apparatus construction followed those described in UL1598-2008 for normal temperature testing. Thermocouples were placed on the LED package and LED driver in the locations indicated by LM-80 report and driver . The temperature was recorded after the lamp was operating for a minimum of 7.5 hours.

2. Test Result of ISTMT

2.1 Electrical data

Criteria Item	Result
Input voltage	--
Input current	--
Total power	--
Power factor	--
Current on each LED module	--
Remark: --	

2.2 Temperature data

Ambient Temperature, °C :	25±1°C	Relative Humidity, %Rh :	45%Rh~70%Rh	
Supply voltage:	DC24V	Type of thermocouples:	J	
Test Product Model	PP0003-LED1.8M-RGBW-85D			
Test LED Model	PP0003-LED1.8M-RGBW-85D			
Test LED Driver Model	--			
Test Duration	≥3.5Hours			
Item	Parts	Test Result (°C)	Revise to ta. (°C)	Limit (°C)
1	Measured maximum Temperature @ TEMLED	41.5	41.4	105
2	Ambient	25.1	25.0	--



3. Photos

3.1 Thermocouple contact photo of @ TEM_{LED}

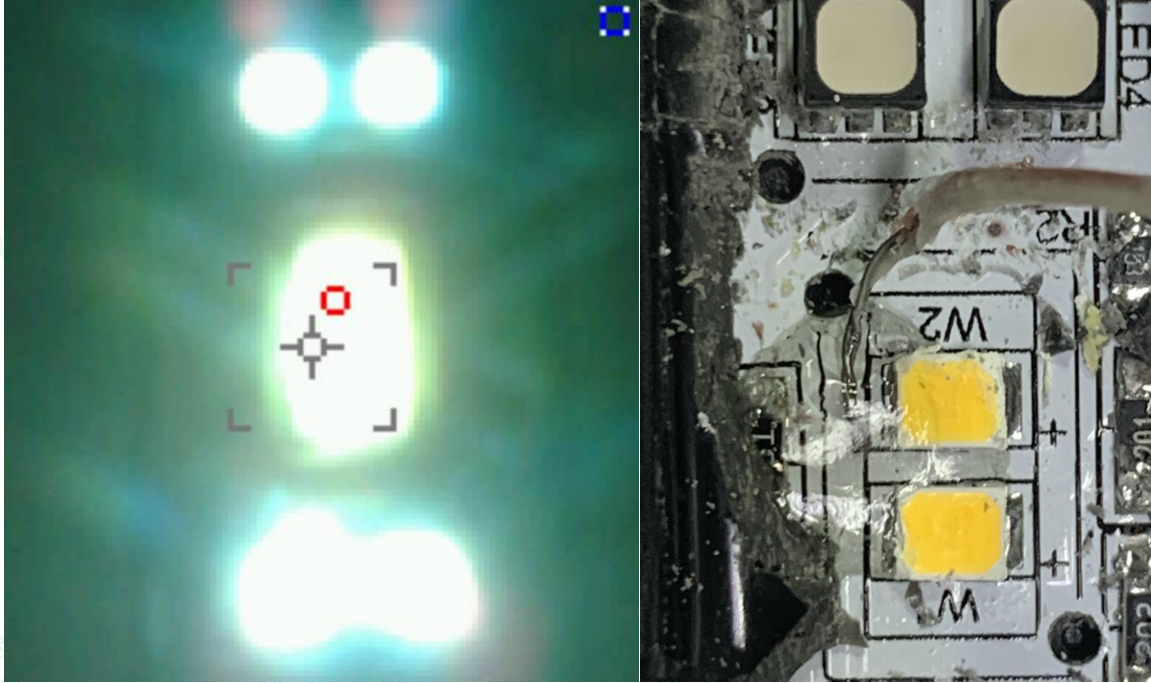


Figure 1



Figure 2



3.2 Product Photos



Photo 1

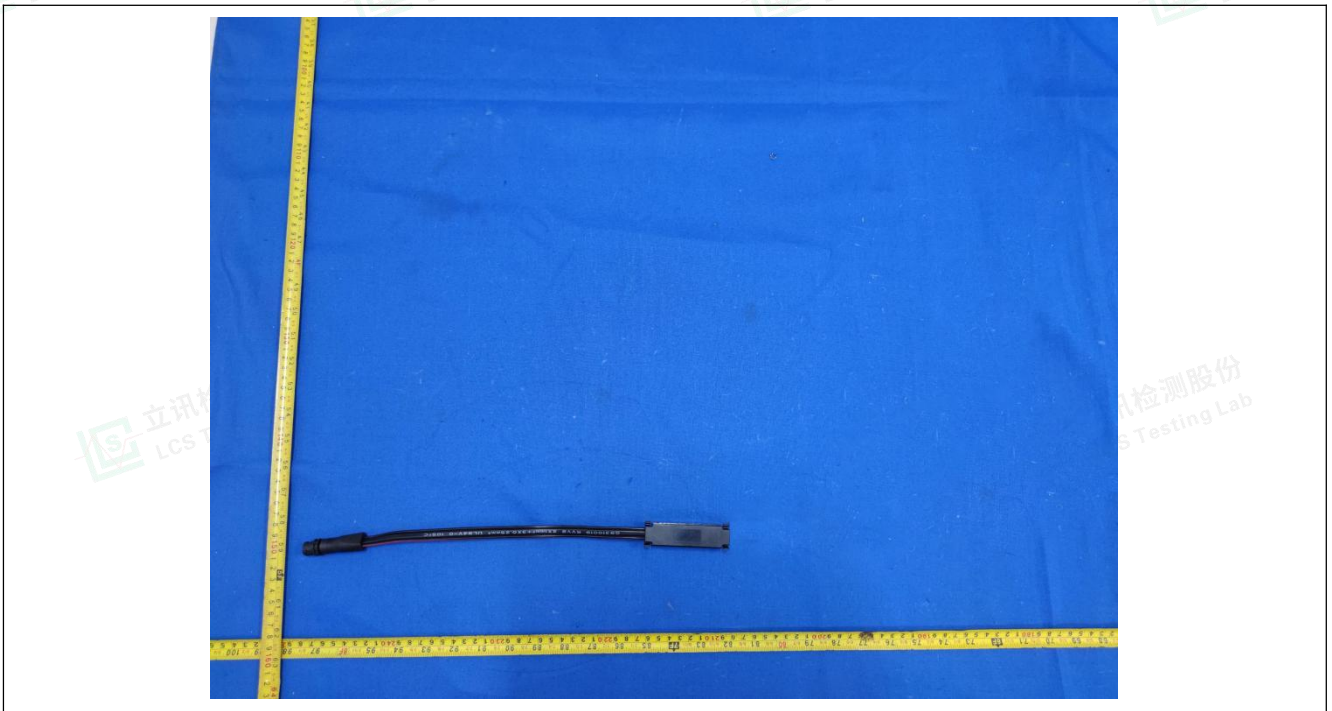
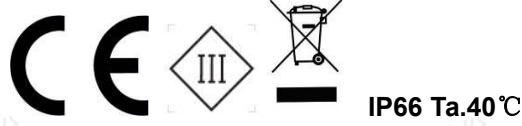


Photo 2





LED Point Light
Model: PP0003-LED1.8M-RGBW-85D
DC24V, 1.8W



Aurora (Shanghai) Technology Co., Ltd
Room 221, 2F, Building 6, No.7001, Zhongchun Road,
Minhang District, Shanghai

Importer: xxxxxxxx
Address: xxxxxxxx

MADE IN CHINA

Photo 3 Label of the light



----- End of test report -----

