



## TEST REPORT

On Behalf of

**Shenzhen Chip Optech Co.,Ltd**

**LED Display**

**P10**

**Prepared for :** Shenzhen Chip Optech Co.,Ltd  
Tower C , Baoshi Technological Park, Baoshi Road, Shiyan Street,  
Bao'an District, Shenzhen City, P.R. China

**Prepared By :** World Standardization Certification &Testing CO.,LTD  
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**Date of Test:** January 21, 2016 to January 29, 2016  
**Date of Report:** January 29, 2016  
**Report Number:** WSCT-EA1601009A

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**Revision History Of Report**

Rev.	Issue No.	Revisions	Effect Page	Revised By
00	WSCT-EA1601009A	Initial Issue	ALL	Wang Fengbing

**ACCREDITATIONS**

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

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# TEST REPORT

## IP65 protection grade test

Report reference No ..... : WSCT-EA1601009A

Tested by

(printed name and signature) ..... : Lijing

Checked by

(printed name and signature) ..... : Huming



Approved by

(printed name and signature) ..... : Cole.Lan

Date of issue ..... : January 29, 2016

Testing Laboratory Name ..... : World Standardization Certification & Testing CO.,LTD

Address ..... : Building A, Baoshi Road, Baoshi Science & Technology Park, Bao'an District, Shenzhen, Guangdong, China

Testing location ..... CBTL  CCATL  SMT  TMP

Address ..... : Same as above.

Applicant's Name ..... : Shenzhen Chip Optech Co.,Ltd

Address ..... : Tower C , Baoshi Technological Park, Baoshi Road, Shiyan Street, Bao'an District, Shenzhen City, P.R. China

Test item description ..... : IP65

Manufacturer ..... : Shenzhen Chip Optech Co.,Ltd.

Address ..... : Tower C , Baoshi Technological Park, Baoshi Road, Shiyan Street, Bao'an District, Shenzhen City, P.R. China

Brand Name ..... : N/A

Model and/or type reference ..... : N/A

Test Result ..... : Pass





# Test Report

## PROTECTION AGAINST WATER

Safety	IPX5	Reference Standard: IEC-60529(2001)
Applicant: <u>Shenzhen Chip Optech Co.,Ltd</u>		
EUT: <u>LED Display</u>		M/N: <u>P10</u>
Ambient Condition: <u>20-25 °C</u>	<u>55%-72%</u> RH	<u>98Kpa-102 kPa</u>
<p>Test condition: —internal diameter of the nozzle: 6.3 mm ;</p> <p>—Flow speed:12.5L/min±5% ;</p> <p>—Water pressure: adjust to provide designated flow rate;</p> <p>—The actual water column size: approximately 2.5 meters away from the nozzle in the position of about 40 mm in diameter</p> <p>—Every square metre cabinet surface area may be spitting testing time: 1min;</p> <p>—The shortest test last time: 15 minutes;</p> <p>—From the nozzle to the surface of the cabinet distance: between 2.5 meters to 3 meters.</p>		
Conclusion: After the test, the controller of the sample and the module internal without water.		
Remark: Pass according to client requirement.		
Test Verdict: <b>Pass</b>		





**Picture of the sample**

Photo 1

**P10**

- front
- rear
- right side
- left side
- top
- bottom
- internal



Photo 2

**P10**

- front
- rear
- right side
- left side
- top
- bottom
- internal



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the end  
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