



**CERTIFICATE
of Conformity**

Reference No.: LCS1107181572E

Applicant : New Light Opto Co., Ltd.
Address : No.7, Ln.814, Huacheng Rd., Xinzhuang Dist., Xinbei City 242,
Taiwan(R.O.C)
Product : LED Display
Model(s) : See Annex 1
Trade Mark : N/A

The submitted products have been tested by us with the listed standards and found in compliance with the following European Directives:

The EMC Directive 2004/108/EC

EN 55022: 2006+A1: 2007, EN 55024: 1998+A1: 2001+A2: 2003
EN 61000-3-2: 2006+A1: 2009+A2: 2009, EN 61000-3-3: 2008

The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out. This certificate applies specifically to the sample investigated in our test reference number only.

The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation.

Other relevant Directives have to be observed.



Gavin Liang
.....
Manager

July 18, 2011

Shenzhen LCS Certification Services Inc.
Xingyuan Industrial Park, Tongda Road, Bao'an Blvd., Bao'an District, Shenzhen,
Guangdong, China
Tel: (86)755-82591330
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CERTIFICATE

of Conformity

Annex 1

Reference No.: LCS1107181572E

Attachment - Model Lists			
PH10mm-1R1G1B	PH31.25mm-4R2G2B	PH37.5mm-4R2G	PH37.5mm-4R
PH12mm-1R1G1B	PH37.5mm-4R2G2B	PH37.5mm-1R1G	PH37.5mm-1R
PH12.5mm-1R1G1B	PH37.5mm-1R1G1B	PH40mm-1R1G	PH40mm-1R
PH12.5mm-2R1G1B	PH40mm-1R1G1B	PH10mm-1R	PH4mm-1R1G1B
PH14mm-2R1G1B	PH10mm-1R1G	PH12mm-1R	PH5mm-1R1G1B
PH18mm-2R1G1B	PH12mm-1R1G	PH12mm-2R	PH6mm-1R1G1B
PH12mm-2R1G1B	PH12mm-2R1G	PH16mm-2R	PH7.62mm-1R1G1B
PH16mm-2R1G1B	PH16mm-2R1G	PH16mm-1R	PH8mm-1R1G1B
PH16mm-1R1G1B	PH16mm-1R1G	PH20mm-1R	PH12mm-1R1G1B
PH20mm-1R1G1B	PH20mm-1R1G	PH20mm-2R	PH16mm-1R1G1B
PH20mm-2R1G1B	PH20mm-2R1G	PH25mm-1R	PH20mm-1R1G1B
PH22mm-2R1G1B	PH25mm-1R1G	PH25mm-2R	PH31.25mm-1R1G1B
PH25mm-1R1G1B	PH25mm-2R1G	PH31.25mm-2R	PH37.5mm-1R1G1B
PH25mm-2R1G1B	PH31.25mm-2R1G	PH31.25mm-4R	PH40mm-1R1G1B
PH31.25mm-2R1G1B	PH31.25mm-4R2G	--	--

-----END-----



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CERTIFICATE of Conformity

Reference No.: LCS1107181528S

Applicant : New Light Opto Co., Ltd.
Address : No.7, Ln.814, Huacheng Rd., Xinzhuang Dist., Xinbei City 242,
Taiwan(R.O.C)
Product : LED Display
Model(s) : See Annex 1
Parameters : 100-240V~, 50/60Hz, 200-1200W

The submitted products have been tested by us with the listed standards and found in compliance with the following European Directives:

The LVD Directive 2006/95/EC

EN 60950-1: 2006+A11: 2009+A1: 2010

The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out. This certificate applies specifically to the sample investigated in our test reference number only.

The CE markings as shown below can be affixed on the product after preparation of necessary technical documentation.

Other relevant Directives have to observed.



Manager
July 18, 2011

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CERTIFICATE

of Conformity

Annex 1

Reference No.: LCS1107181528S

Attachment - Model Lists

PH10mm-1R1G1B	PH12mm-1R1G1B	PH12.5mm-1R1G1B	PH12.5mm-2R1G1B
PH14mm-2R1G1B	PH18mm-2R1G1B	PH12mm-2R1G1B	PH16mm-2R1G1B
PH16mm-1R1G1B	PH20mm-1R1G1B	PH20mm-2R1G1B	PH22mm-2R1G1B
PH25mm-1R1G1B	PH25mm-2R1G1B	PH31.25mm-2R1G1B	PH31.25mm-4R2G2B
PH37.5mm-4R2G2B	PH37.5mm-1R1G1B	PH40mm-1R1G1B	PH10mm-1R1G
PH12mm-1R1G	PH12mm-2R1G	PH16mm-2R1G	PH16mm-1R1G
PH20mm-2R1G	PH25mm-1R1G	PH25mm-2R1G	PH31.25mm-2R1G
PH31.25mm-4R2G	PH37.5mm-4R2G	PH37.5mm-1R1G	PH40mm-1R1G
PH10mm-1R	PH12mm-1R	PH12mm-2R	PH16mm-2R
PH20mm-1R	PH20mm-2R	PH25mm-1R	PH25mm-2R
PH31.25mm-4R	PH37.5mm-4R	PH37.5mm-1R	PH40mm-1R
PH4mm-1R1G1B	PH5mm-1R1G1B	PH6mm-1R1G1B	PH7.62mm-1R1G1B
PH8mm-1R1G1B	PH12mm-1R1G1B	PH16mm-1R1G1B	PH20mm-1R1G1B
PH31.25mm-1R1G1B	PH37.5mm-1R1G1B	PH40mm-1R1G1B	PH20mm-1R1G
PH16mm-1R	PH31.25mm-2R	---	---



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CERTIFICATE

of Conformity

2002/95/EC Restriction of Hazardous Substance

Reference No.: LCS1107181529R

When tested as specified, the submitted sample complies with the requirements of Commission Decision of 18 Aug 2005 amending Directive 2002/95/EC notified under document 2005/618/EC.

Applicant : New Light Opto Co., Ltd.
Address : No.7, Ln.814, Huacheng Rd., Xinzhuang Dist., Xinbei City 242, Taiwan(R.O.C)
Product : LED Display
Model(s) : See Annex 1

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Other relevant Directives have to observed.

RoHS



Manager

July 18, 2011

Shenzhen LCS Certification Services Inc.
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CERTIFICATE

of Conformity

Annex 1

Reference No.: LCS1107181529R

Attachment - Model Lists

PH10mm-1R1G1B	PH12mm-1R1G1B	PH12.5mm-1R1G1B	PH12.5mm-2R1G1B
PH14mm-2R1G1B	PH18mm-2R1G1B	PH12mm-2R1G1B	PH16mm-2R1G1B
PH16mm-1R1G1B	PH20mm-1R1G1B	PH20mm-2R1G1B	PH22mm-2R1G1B
PH25mm-1R1G1B	PH25mm-2R1G1B	PH31.25mm-2R1G1B	PH31.25mm-4R2G2B
PH37.5mm-4R2G2B	PH37.5mm-1R1G1B	PH40mm-1R1G1B	PH10mm-1R1G
PH12mm-1R1G	PH12mm-2R1G	PH16mm-2R1G	PH16mm-1R1G
PH20mm-2R1G	PH25mm-1R1G	PH25mm-2R1G	PH31.25mm-2R1G
PH31.25mm-4R2G	PH37.5mm-4R2G	PH37.5mm-1R1G	PH40mm-1R1G
PH10mm-1R	PH12mm-1R	PH12mm-2R	PH16mm-2R
PH20mm-1R	PH20mm-2R	PH25mm-1R	PH25mm-2R
PH31.25mm-4R	PH37.5mm-4R	PH37.5mm-1R	PH40mm-1R
PH4mm-1R1G1B	PH5mm-1R1G1B	PH6mm-1R1G1B	PH7.62mm-1R1G1B
PH8mm-1R1G1B	PH12mm-1R1G1B	PH16mm-1R1G1B	PH20mm-1R1G1B
PH31.25mm-1R1G1B	PH37.5mm-1R1G1B	PH40mm-1R1G1B	PH20mm-1R1G
PH16mm-1R	PH31.25mm-2R	---	---



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Testing Laboratory
1090

金屬工業研究發展中心區域研發服務處(中區)

METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE
REGIONAL R&D SERVICE DEPARTMENT (TAICHUNG)

台中市西屯區 407 工業區 37 路 25 號 TEL : (04)23502169
NO. 25, 37TH ROAD, INDUSTRIAL PARK, TAICHUNG, TAIWAN, R.O.C.

防塵與防水試驗報告

DUST & WATER PROTECTION TEST REPORT



Page 1 of 2

檢測編號：SC97423

Application No.

收件日期：97.07.29

Received date

委託者：新耀光電有限公司

Applicant

取樣者：新耀光電有限公司

Sampler

委託事項：IP66 防塵與防水保護等級測試

Job description

樣品名稱：P25RGB 模組

Sample name

測試日期：防塵—97.08.13

Test date 防水—97.08.14

測試地點：金屬工業研究發展中心區域研發服務處(中區)

Test place 台中市工業區 37 路 25 號

簽發日期：97.08.15

Date issued

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報告簽署人：
Report Authorized Person

何曉平

檢驗員：
Inspector



改訂版次：0
Revision No.

金屬工業研究發展中心區域研發服務處(中區)

METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE
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防塵與防水試驗報告

DUST & WATER PROTECTION TEST REPORT



Page 1 of 2

檢測編號: SC10303

Application No.

收件日期: 101.04.27

Received date

委託者: 新耀光電(股)有限公司

Applicant

地址: 新北市新莊區化成路 814 巷 5 號

Address

取樣者: 新耀光電(股)有限公司

Sampler

委託事項: IP66 防塵與防水保護等級測試

Job description

樣品編號: P25RGB 模組

Sample No.

樣品規格: (L)400 mm × (D)400 mm × (H)180 mm

Sample specification

測試日期: 101.05.04

Test date

測試地點: 金屬工業研究發展中心區域研發服務處(中區)

Test place 台中市工業區 37 路 25 號

簽發日期: 101.05.04

Date issued

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報告簽署人:
Report Authorized Person

檢驗員:
Inspector



Testing Laboratory
1090

金屬工業研究發展中心區域研發服務處(中區)

METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE

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台中市西屯區 407 工業區 37 路 25 號 TEL : (04)23502169

NO. 25, 37TH ROAD, INDUSTRIAL PARK, TAICHUNG, TAIWAN, R.O.C.

防塵與防水試驗報告

DUST & WATER PROTECTION TEST REPORT



Page 1 of 2

檢測編號：SC97061

Application No.

收件日期：97.02.18

Received date

委託者：新耀光電有限公司

Applicant

取樣者：新耀光電有限公司

Sampler

委託事項：IP55 防塵與防水保護等級測試

Job description

樣品名稱：LED 字幕機模組

Sample name

測試日期：防塵—97.02.20

Test date 防水—97.02.22

測試地點：金屬工業研究發展中心區域研發服務處(中區)

Test place 台中市工業區 37 路 25 號

簽發日期：97.02.29

Date issued

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報告簽署人：
Report Authorized Person

何鎮平

檢驗員：
Inspector



改訂版次：0
Revision No.



測試報告

報告日期：2010-03-26

報告編號：09907C00948-1-1-01

版次：A

委託項目

名稱：LED模組輝度量測

委託顧客

名稱：新耀光電有限公司

地址：臺北縣新莊市化成路814巷7號

上述委託項目經本實驗室 測試，結果如內文。

本報告含簽署頁及內文共 5 頁，分離使用無效。



殷家瑞

量測技術發展中心
中心主任

吳鴻森

部門主管



測試結果與說明

一、 測試結果

表 1 輝度測量

測試項目		測試結果
輝度	紅色	2114 cd/m ²
輝度	綠色	6129 cd/m ²
輝度	藍色	1746 cd/m ²

備註：以上測試輸入電源為交流電源 110V, 60Hz。

二、 測試說明

1. 測試日期與地點

本測試作業係 2010 年 3 月 24 日於工研院光復院區 7 館執行。

2. 測試方法

本測試之實施依據為“輝度測試標準程序”¹。

3. 測試用儀器/設備

儀器/設備	序號	追溯單位	追溯編號	追溯日期	有效日期
輝度/色度計	655886	NML	A970921	2008/09/01	2010/08/31
可程式交流 電源供應器	6408-1000265	CMS	09807C01226-1-1-03	2009/04/16	2010/04/15

4. 測試環境條件

本測試作業係於下述之環境條件中執行。

環境溫度：(25 ± 3) °C

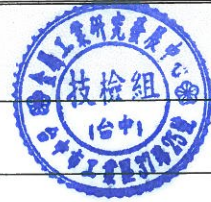
相對濕度：(50 ± 20) %

5. 測試執行單位

測試項目	執行單位	備註
光性測試	工研院量測中心 光電測試實驗室	TAF 認可編號 1336



P25RGB 模組輝度測試報告



報告編號..... : SC97423

收件日期..... : 97 年 07 月 29 日

委託單位..... : 新耀光電有限公司

取樣單位..... : 新耀光電有限公司

工程名稱..... : -

樣品名稱..... : P25 RGB 模組

樣品規格..... : -

檢驗依據..... :

依委測廠商要求測試：測試距離 4.5m，水平測試 0°

$R+G=4200 \text{ cd/m}^2$ 以上

$R+B=1500 \text{ cd/m}^2$ 以上

$R+B+G=4300 \text{ cd/m}^2$ 以上

測試地點..... : 金屬工業研究發展中心區域研發服務處(中區)

台中市工業區 37 路 25 號

測試日期..... : 97 年 08 月 11 日

簽發日期..... : 97 年 08 月 12 日

試驗人員..... : 測試人員 謝耀興: 謝耀興 報告簽署人 何鎮平: 何鎮平

試驗結果..... : 符合委測廠商要求

【備註】

- 1.本報告僅對送檢樣品負責，未經書面許可不得複製或摘錄。
- 2.本報告檢驗依據：依委測廠商要求測試。



一、測試說明：

1. 測試電壓為 110 Vac，周圍溫度為 25±5°C、濕度 60±10%RH。
2. 測試距離 4.5m，水平測試 0°。

測試設備		
設備名稱	製造商	型號/序號
彩輝度測試儀	TOPCON	BM-7 / 00745546

二、測試結果：

試驗項目	試驗標準	測試結果
P25RGB 模組輝度測試	依委測廠商所要求—	R+G=4560 cd/m ²
	R+G=4200 cd/m ² 以上	R+B=2134 cd/m ²
	R+B=1500 cd/m ² 以上	R+B+G=5348 cd/m ²
	R+B+G=4300 cd/m ² 以上	

三、測試件照片：





輝度試驗測試報告

報告編號..... : SC10313

委託單位..... : 新耀光電股份有限公司

地址..... : 新北市新莊區化成路 814 巷 7 號

取樣單位..... : 新耀光電股份有限公司

工程名稱..... : P25RGB 燈體可視角度測試

樣品名稱..... : P25RGB

樣品規格..... : L 320 mm × W 160 mm × H 35 mm

電源供應器..... : MEAN WELL NES-100-5

檢驗依據..... : 依委測廠商要求測試—P25RGB 輝(亮)度試驗

測試地點..... : 金屬工業研究發展中心區域研發服務處(中區)

台中市工業區 37 路 25 號

收件日期..... : 101 年 05 月 02 日

測試日期..... : 101 年 05 月 07 日

簽發日期..... : 101 年 05 月 07 日

試驗人員..... : 測試人員 陳彥廷: 陳彥廷 報告簽署人 何鎮平: 何鎮平

[備註]

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2.本報告檢驗依據：依委測廠商要求測試。



一、測試說明：

1.測試電壓為 110 Vac，周圍溫度為 25±5°C、濕度 60±10 %RH。

2.測試距離 1.7 m。

左 55° : 4588 cd/m²

水平 : 6625 cd/m²

右 55° : 4537 cd/m²

測試設備		
設備名稱	製造商	型號/序號
彩輝度測試儀	TOPCON	BM-7 / 00745546

二、測試件照片：

