

試驗報告

以下產品由客戶提供並確認規格如下：

申請者名稱：鵬景國際興業股份有限公司
申請者地址：台中市北區健行路 746 號
實驗室名稱：台灣檢驗科技股份有限公司 光學實驗室
實驗室地址：24886 新北市五股區(新北產業園區)五權路 33 號
產品名稱：屠龍刀 吊掛架照明裝置
產品型號/編號：TLD 2WW50K01W0
生產或供應廠商：鵬景國際興業股份有限公司
委託測試要求：依照客戶提供之測試規格進行試驗
產品電性規格：DC 1.05 A, 10 W
試驗電性：AC 220 V 60 Hz (for Adapter)
發行日期：中華民國 103 年 12 月 23 日

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測試結果：一如附頁所示—

Signed for and on behalf of
SGS TAIWAN Ltd.



Calvin Tzou
Technical Manager

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1 收件日期

103 年 12 月 15 日

2 測試執行日期

103 年 12 月 16 日

3 樣品數量

| 數量 | 型號 | 樣品編號(S/N) |
|----|----------------|-----------|
| 1 | TLD 2WW50K01W0 | # 1 |

4 測試項目**4.1 發光效率(Luminous Efficacy (η))試驗**

依據國際標準 CIE 70-1987 THE MEASUREMENT OF ABSOLUTE LUMINOUS INTENSITY DISTRIBUTIONS. 進行發光效率試驗。

4.2 全光通量(Total Luminous Flux (ϕ_v))試驗

依據國際標準 CIE 70-1987 THE MEASUREMENT OF ABSOLUTE LUMINOUS INTENSITY DISTRIBUTIONS. 進行全光通量試驗。

4.3 電性特性(Electrical Quantities)試驗

依據國際標準 CIE 70-1987 THE MEASUREMENT OF ABSOLUTE LUMINOUS INTENSITY DISTRIBUTIONS 進行試驗。

4.4 發光強度分佈(Luminous Intensity Distribution)試驗

依據國際標準 CIE 70-1987 THE MEASUREMENT OF ABSOLUTE LUMINOUS INTENSITY DISTRIBUTIONS 進行試驗。

4.4.1 極座標圖**4.4.2 卡氏座標圖****4.4.3 照度-距離關係圖**

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5 測試條件

主要測試設備:

| Name | Brand | Model | S/N | Calibration Date | Calibration Due Date |
|---------------------------------|--|-------------------|-----------------------|------------------|----------------------|
| Digital Power Meter / AC Source | YOKOGAWA / Apc | WT-210 / AFC-500W | 91JA1300 / F312120079 | 2014/2/13 | 2015/2/12 |
| Goniophotometer System | SGS Define (CZIBULA & GRUNDMANN GMBH / everfine) | GO-R5000-GS-PLUS | 1001001 | 2014/10/2 | 2015/2/1 |
| Digital Multimeter | Fluke / Agilent | 85 III / U1242B | 86230421 / MY51290139 | 2014/10/15 | 2015/10/14 |

實驗室環境條件:

Ambient temperature: (25 ± 1) °C
 Relative humidity: (60 ± 20) %RH
 Dark Room: < 0.05 lx

DUT 條件:

Power input: AC 220 V 60 Hz
 Warm up time: > 60 minutes
 Dimension: L 63 mm x W 16 mm x H 47 mm
 Control Gear: MEAN WELL / APC-35-1050 x 1 pcs
 Control Gear Spec: I/P: AC (100 to 240) V (50 / 60) Hz, 0.9 A;
O/P: DC + 33 V, 1050 mA

試驗條件:

配光試驗距離: 16.758 m (M.F.)

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6 測試結果

6.1 發光效率(Luminous Efficacy (η))

| S/N | Luminous Efficacy (η) | Note |
|-----|------------------------------|-----------|
| # 1 | 42.0 lm/W | 含 Adapter |

6.2 全光通量(Total Luminous Flux (ϕ_v))

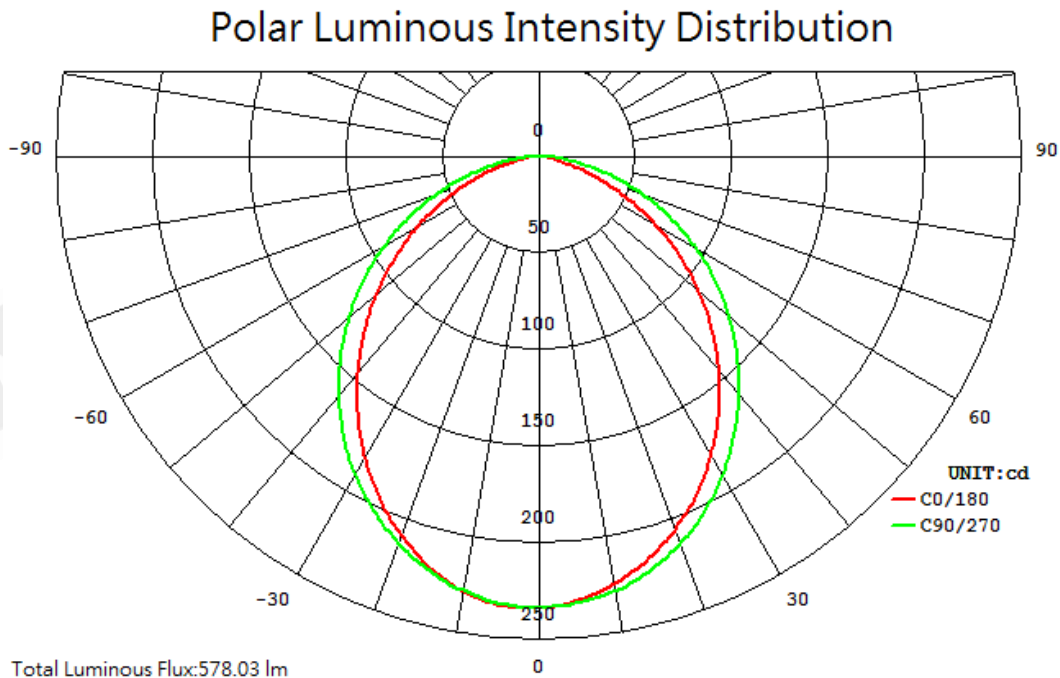
| S/N | Total Luminous Flux (ϕ_v) | Note |
|-----|----------------------------------|---------------|
| # 1 | 578.03 lm | Stabilization |

6.3 電性特性(Electrical Quantities)

| S/N | Input Voltage | Input Current | Input Power | Power Factor | Note |
|-----|---------------|---------------|-------------|--------------|-------------------------|
| # 1 | 220.00 Vac | 0.1452 A | 13.758 W | 0.4308 | Input Stabilization |
| | 9.610 Vdc | 1.0210 A | 9.8118 W | -- | DC output Stabilization |

6.4 發光強度分佈(Luminous Intensity Distribution)

6.4.1 極座標圖

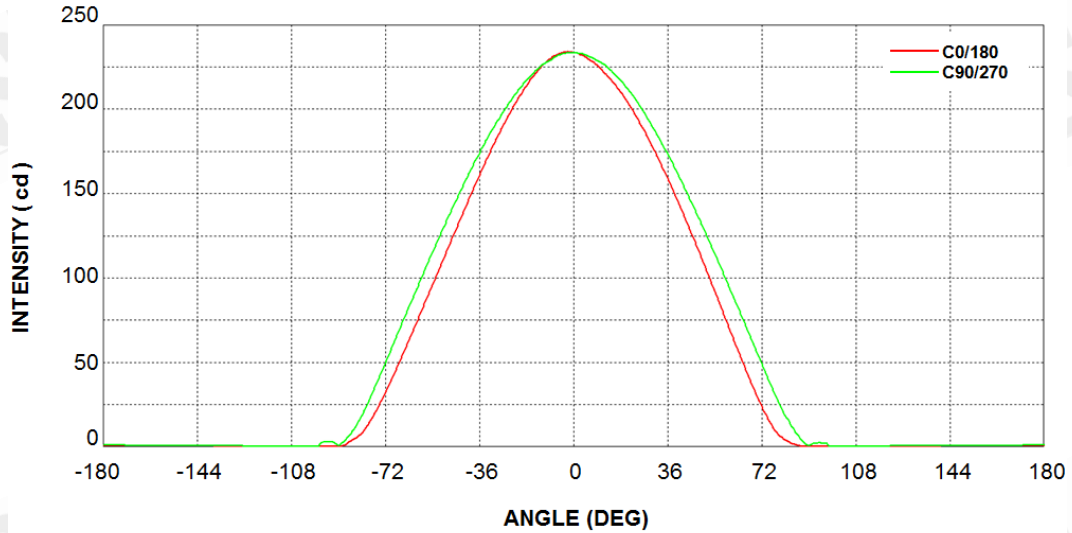


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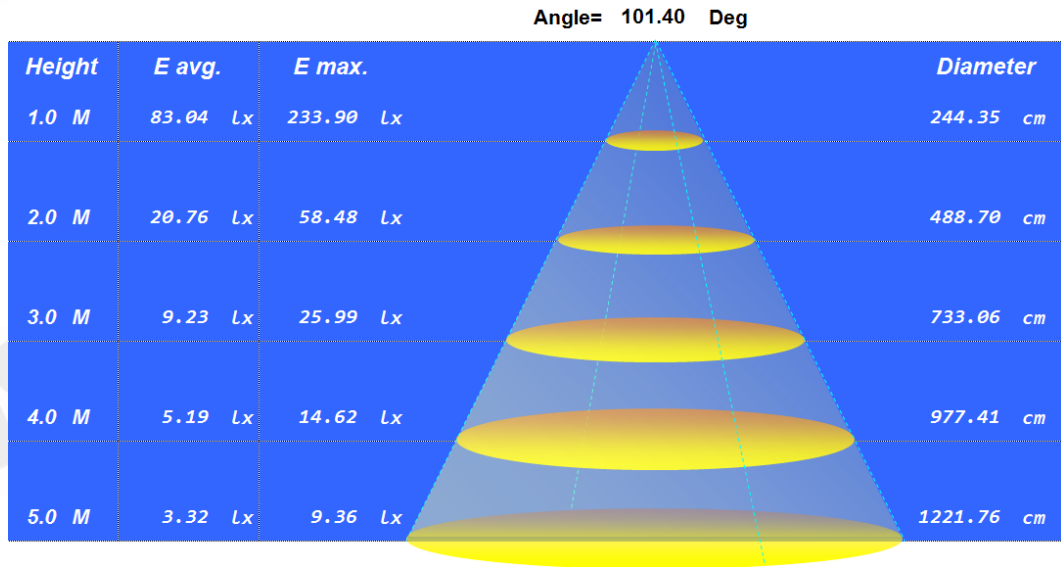
6.4.2 卡氏座標圖

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE (50%) : 101.40 DEG

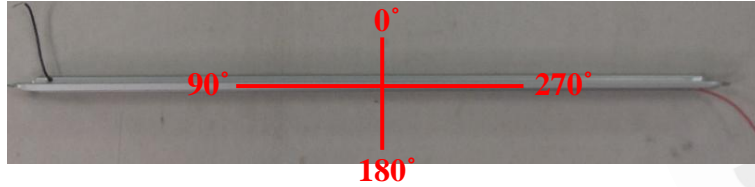
6.4.3 照度-距離關係圖



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7 試驗角度定義



背面圖

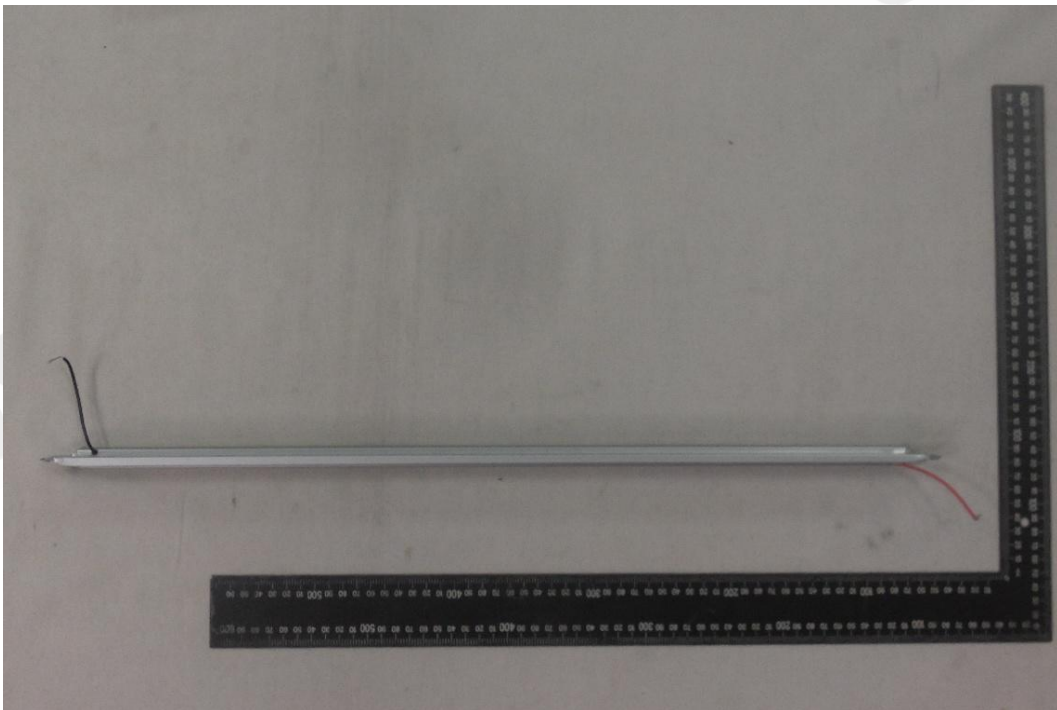
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8 樣品照片



試樣正(發光)面



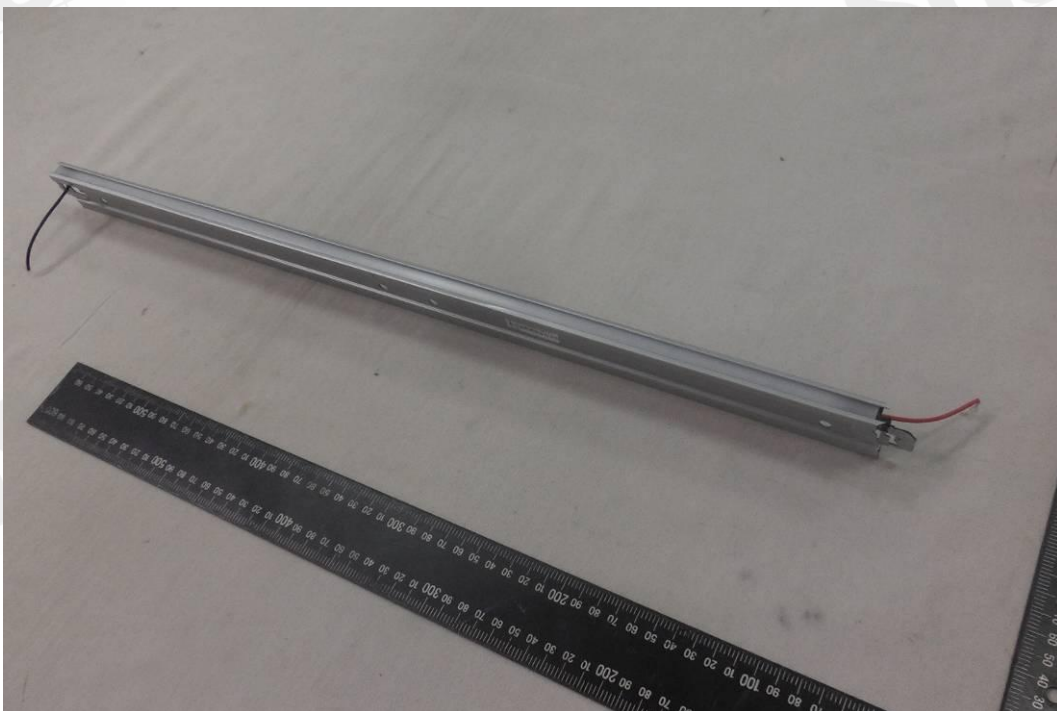
試樣背面

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試樣側面



試驗樣品

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Control Gear

- 以下空白 -

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