

TEST REPORT

報告號碼：YC80009B/2022

頁數：1 of 4

日期：October 11, 2022

羿淇材料有限公司

台南市歸仁區文化北街 21 號 3 樓

以下產品由客戶提供並確認規格如下：

產品名稱：發光提示繩產品型號/ 編號：FGR-TD-0525/ No.1生產或供應廠商：羿淇材料有限公司原產國：台灣數量：共 1 件測試執行日期：Aug. 25, 2022備註：(客戶宣告) 型號 FGR-TD-0525、FGR-NK-0550、FGR-TD-1000 使用相同尺寸、結構的外殼。

我們依照客戶要求，根據客戶送交之樣品進行測試，結果如下：

委託測試要求：外殼保護程度試驗 (IEC 60529 Edition 2.2: 2013)

IP 碼	IPX8
第一數字碼	省略無表示
第二數字碼	防水保護等級

測試結果：

結論
送測樣品經過測試符合 IEC 60529 Edition 2.2: 2013 外殼保護程度試驗--IPX8 試驗要求及合格判定準則。測試結果之詳細說明如附頁所示。

Signed for and on behalf of
SGS TAIWAN Ltd.曾志中
副主任

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TEST REPORT

報告號碼： YC80009B/2022

頁數： 2 of 4

外殼保護程度試驗：試驗設備：

名稱	廠牌	型號	序號
耐水壓測試桶	self-made	SGS-ETR-1512	000001
攜帶型溫度計	Omega	HH23	T-238319

實驗室環境條件：

環境溫度： (15 ~ 35)°C
環境濕度： (25 ~ 75) % RH
環境壓力： (86 ~ 106) kPa

試驗場址：新北市五股區新北產業園區五權路 33 號試驗方法/規格：

試驗規範： IEC 60529 Edition 2.2: 2013 --IPX8
樣品狀態： 操作狀態 (點亮模式)
試驗方法： 樣品依客戶所指定之正常使用狀態，完全浸沒於水中，樣品之最低端在水面下 50 m 之位置 (大約 5.17 kg/cm²)
試驗時間： 30 分鐘
試驗裝置： 如照片 3, 4 所示

- 試驗後檢查待測物外殼之內部是否有進水之情形，並且執行功能檢查。
- 功能檢查:檢查樣品發光功能是否正常。

TEST REPORT

報告號碼： YC80009B/2022

頁數： 3 of 4

代測樣品：

型號/編號： FGR-TD-0525/ No.1

數量： 共 1 件

測試結果：

防水保護等級(IPX8)

試驗結果		樣品型號/編號
檢查項目		FGR-TD-0525/ No.1
1	待測物外殼之內部是否有進水情形？	否
2	(續 1) 電線或電氣元件附近是否有水滯留？	N/A
2.1	(續 2) 外殼內部浸水時，是否足以阻礙內部器具正常動作及安全之虞？	N/A
2.2	(續 2.1) 是否於沿面距離之絕緣物表面附著有產生電弧軌跡之虞的水分？	N/A
2.3	(續 2.2) 導致未被設計為在潮濕情形下可運轉之帶電部或繞組受潮？	N/A
3	功能檢查	正常

註 1：N/A 表示不適用
 註 2：上述檢查項目係參考 IEC 60529 Edition 2.2: 2013 試驗要求並依照客戶提供之判定準則實施。

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TEST REPORT

報告號碼： YC80009B/2022

頁數： 4 of 4

試驗照片：



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