

LED室內外照明系統標準檢測驗證計畫(103-105)

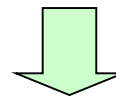
執行單位 財團法人台灣電子檢驗中心

計畫主持人

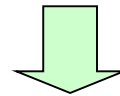
林育堯

- LED 照明產業技術快速發展，需重視衍生的量測參數追溯性、檢測標準一致性；本計畫建立「LED 照明檢測驗證平台」，除建置 LED 燈源配光曲線儀、光生物檢測設備及 3 米積分球等性能測試設備，本期程陸續完成建置光通量(Luminous Flux)及光強度 LED 二級校正實驗室，並取得成為美國 NVLAP、國內 TAF 光學校正認可實驗室。上可追溯至國家級標準，下可服務滿足業界追溯需求，確保我國各項技術之研發與規格為國際所認同。

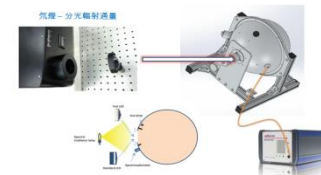
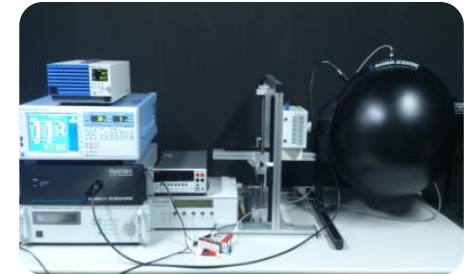
建立LED照明二級光學校正檢測能量



建置LED照明二級光學校正檢測能量及實驗室認證



相關技術標準追蹤與研究



Inspection standards and certification of LED lighting systems(103-105)

Execution Unit

Electronics Testing Center, Taiwan

Project Director

Andrew Lin

- As the rapid development of LED lighting industry technology, the traceability of measurement parameters and the consistency of the testing standards become more and more important. This project is aim to establish “LED lighting testing and verification platform”. This project has built Goniophotometer of LED light source, photobiological detection equipment and 3 meter integrating sphere and other performance testing equipment. This project also built the Secondary Calibration Laboratory of Luminous Flux and luminous intensity and the Laboratory was successively accredited by NVLAP and TAF. The measurement system can trace to National standard and accomplish the traceability requirement of the industry and ensure that the R&D techniques and specifications are recognized in the world.

