



可撓式高瓦數 LED 燈絲燈泡

Flexible High Power LED Filament Bulb

簡介 Introduction

LED 燈絲燈泡省去以往 LED 燈泡應用須加裝透鏡與光擴散元件，並利用結構達到多方向發光優勢。適用於蠟燭燈、水晶燈、球泡燈及各種室內用照明應用系統，為取代白熾燈泡最佳選擇。

LED filament bulb is a new lighting product avoiding to install additional lens and diffuse devices. LED filament bulb with multiple directions of lighting can be achieved by different designs of the filament structure. They are well-suited for all kinds of indoor lighting such as candle light, crystal light, etc.. It is considered the best solution for replacing the incandescent lamp.

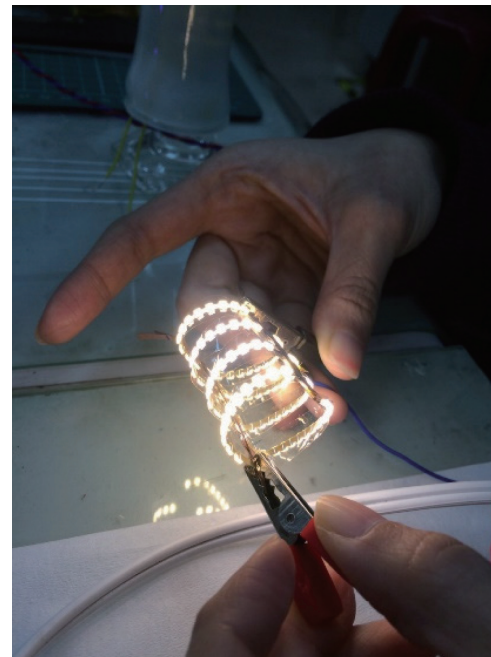
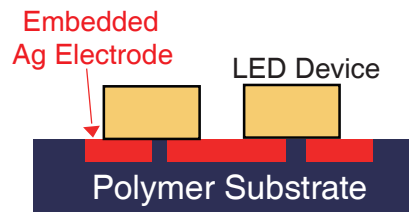
特色 Features

工研院材化所可撓式 LED 燈絲技術，提供 LED 全週光之照明解決方案，同時整合散熱基板與底電極式 LED 晶粒技術，達到高功率 8W LED 燈絲燈泡照明應用需求。

Integration Conductor and Substrate technology enables the flexible LED filament technology for LED filament bulb application. ITRI/MCL can provide the total solution by conductor and substrate integration technology to apply on LED bulbs for high power and omnidirectional decoration.

規格 Specifications

- RGB LED chip x 11pcs / one filament
- 8 filament structure = 7~8W output
- Polyimide substrate and embedded Ag conductor
- High thermal dissipation base design
- Input 100~240V, Output 30~37V



	Traditional Technology	ITRI/MCL Technology
Substrate material	Glass or Sapphire	Flexible Polyimide
LED Chip	Flip-Chip/ Wire Bonding	RGB Package Die
Illumination	Multiple Directions	Omnidirectional
Cost/Yield	High and Lower Yield	Lower and High Yield

服務專線 Customer Service Hotline

+886-3-5914142 · +886-3-5915178

服務信箱 Customer Service E-mail Address

materialsnet@itri.org.tw

<http://www.materialsnet.com.tw/eng/mcltech/index.html>

技術窗口 Technology Inquiry

盧俊安 Chun-An Lu

E-Mail : luchunan@itri.org.tw

TEL : +886-3-5914133

