



IN THE PURSUIT OF ZERO DEFECTS

矢志打造 | 零缺陷產品 |

Specialized in the area of LED electro-optical technology, Hung Rui is on the path to reshape the facet of green living.

專注於LED環保照明產業服務，鴻銳電子致力營造更美好的生活環境。

With the global movement towards sustainable living gaining momentum, more and more people are using energy-efficient LED lighting to replace traditional incandescent and fluorescent light bulbs. Established in 2005, Hung Rui Electronic Technology Co., Ltd. specialises in the area of LED electro-optical technology. The company is committed to a zero defect assurance through a commitment to high quality products, raw materials and production processes. Through research and development of innovative green alternatives in the area of LED electro-optical engineering, Hung Rui is on the path to reshape the face of green living.

LED electro-optical technology - minimise light pollution

Switching from conventional incandescent and fluorescent light bulbs to energy-saving alternatives is without a doubt an easy way to save money and help the environment. Generating heat when in use,

在日漸講求環保的社會之中，以LED代替傳統烏絲燈泡已是大勢所趨。鴻銳電子科技一人有限公司一直專注於環保照明產業服務，自2005年成立以來秉承以優質的服務提供高品質產品的宗旨，實踐做精、做細、做強、做零缺陷產品的理念，開發出各類LED照明及顯示幕產品，為我們的生活營造最美好的環境。

LED照明系列 全面減少光污染

烏絲燈泡在亮起時所產生的熱力會使室內溫度增加，而且用電量較高，間接產生更多溫室氣體如二氧化碳等，增加了溫室效應，對地球的破壞可想而知。隨著科技進步，更大功率的LED燈出現後，以往只用於電子產品開關掣或訊號燈上的發光二極管的LED照明燈，已成為現今照明用途的大趨勢。鴻銳電子則利用LED深度技術知識生產出不同類型的產品，並可根據客戶要求而訂製，並以OEM(貼牌生產)形式為商號打造最優秀的LED產品，是澳門少有的卓越LED產品製造商。

鴻銳電子製造的LED所需用電量極少，壽命卻更長，只會發出極微小的熱量，相比傳統烏絲燈泡只能



A variety of LED bulbs and LED display panel provided by Hung Rui Electronic Technology Co., Ltd.

鴻銳電子科技一人有限公司提供的一系列LED燈，及LED顯示屏。

incandescent bulbs use more energy and thereby indirectly worsen the greenhouse effect by producing more greenhouse gases like carbon dioxide. With the advancement the LED electro-optical technology, LED light bulbs have a minimal environmental impact and are taking the lead in the industry. As a Macau-based LED specialist equipped with extensive technical knowledge orientated to product innovation, Hung Rui is capable of meeting their clients' diverse needs with tailored OEM products.

The energy-efficient LED bulbs produced by Hung Rui offer a smart solution to lighting needs. Conventional incandescent bulbs have a colour temperature of 3200K, so they can only achieve an amber hue. On the contrary, the colour temperature of LED bulbs can be adjusted to degrees reminiscent of soothing daylight. Furthermore, the glass exterior of incandescent bulbs is extremely fragile and prone to breaking, while the durable quality of LED lights makes them resistant to shock, vibration and external impact. LEDs with Hung Rui are available in a number of forms, including light

發出的3200度K色溫的光，LED燈卻可以控制色溫，模擬至日光色溫。此外，由於LED不會發出高熱，外殼大多可用塑膠製造，減少破損的機會；LED更可以不同形態出現，以鴻銳電子為例，它能提供LED軟燈條、燈泡或平板燈等，以適合各種不同的場合和環境；因此成立以來，鴻銳電子的門市銷售情況十分理想，所出售的燈炮成為顧客們的信心保證。

萬千款式 商戶家居同時環保

鴻銳電子LED照明產品不但適用於家居之中，更備有多種款式以迎合商業上的要求；當中包括了斗膽燈、面板燈、平板燈、天花燈、筒燈、射燈及珠寶燈等；就以射燈為例，傳統石英射燈熱力極高，用電量驚人，但LED射燈不但無紅外線及紫外線幅射，並分有窄光和中光兩種光束可選，是代替舊有產品的最佳選擇。

鴻銳電子更將LED應用於景觀照明之上！例如設計出景觀燈、投光燈及軌道燈等，可多角度旋轉及隨意調整位置，並具有超強的抗震能力，性能穩定之餘亦方便家用安裝及維修，並為各大小商業客戶處理照明系統，客戶層面亦非廣泛，當中包括餐飲業、酒店、零售店等，為他們設計戶外招牌、LED燈廣告



tapes, light bulbs and panel lights, suitable for all kinds of illumination purposes. Constantly recording a very positive sales figure since establishment, Hung Rui is in itself a guarantee of high quality.

Extensive choices to fulfill business and residential needs

Besides household LED lighting, Hung Rui also offers an extensive selection of LED products for business clients, such as bay lights, panel lights, ceiling lights, tube lights, spotlights, jewellery display case lights and many more. Taking halogen spotlights as an example, they are often used as accent lights but contemporary ones have a poorer performance on heat dissipation and energy consumption when compared to those made with LED. The quartz filament in halogen emits high UV radiation, so it requires an additional glass covering to provide necessary protection. For LEDs, no additional safety precautions are needed as the light emitted is safe for humans. The wider correlated colour temperature and colour selection of LEDs also makes it a more flexible choice.

More and more users of public illumination, such as landscape lighting, projecting lights, track lighting and other outdoor lighting, are seeking environmentally friendly alternatives for a better quality and efficiency. Accordingly, Hung Rui has designed and manufactured an array of flexible and durable fixtures that provide a safe and appealing option for external lighting purposes. From the catering industry, hotels to the retail sector, Hung Rui has cultivated a wide scope of customers and designed for them products like outdoor signs, advertisement lighting and decorations. It has also collaborated with engineering companies to design energy-efficient lighting system for offices.

Made-to-order LED display panel

LED display panels are of a supreme quality with their flexible module designs and diverse colour variations — making it a premium choice for texts, graphics and multimedia applications. Messages are dynamic and can be constantly changed on an LED screen, so it has become a popular means of outdoor advertising. Tailored to client's requests, Hung Rui offers bespoke LED display panels and provides all necessary installation and maintenance services. With Hung Rui, intelligent LED lighting and display solutions are made possible.

“Tailored to client's requests, Hung Rui offers all kind of bespoke LED lighting products at affordable prices.

鴻銳電子能根據客戶所需，打造既省錢又環保的照明系統。”

牆壁及燈飾等；此外，亦會跟工程公司合作，為辦公室設計合適的照明系統，減少不必要的能源浪費。

量身訂製顯示屏

LED擁有多樣性的變化特點，並擁有多種色澤，用於顯示屏時更可顯示文字、圖形及多媒體資訊，並可設定為滾動、移動及旋轉等多種特技模式，特別適合安裝於室外作廣告牌等用途。而且鴻銳電子能根據客戶所需代為設計及生產，更提供安裝、維修及保養等售後服務，將整項工程一體化，為客戶打造既省錢又環保的照明系統。



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