



LED Lighting Energy-Saving Series



明亮均勻



安全穩定



節能環保



減排省電

New LED Energy Saving Data Comparison

全新 LED 節能數據對比

Bright × Health



編者的話

Editor's Note



In the global wave of energy transition and green development, energy-saving upgrades for lighting have become a core demand for businesses and building operators. Traditional lighting is energy-intensive and has a short lifespan, driving up operating costs and contradicting low-carbon principles.

Smart lighting solutions integrating LEDs and the Internet of Things are reshaping the industry: from basic LED replacement to intelligent control via microwave sensing and Bluetooth linkage, they not only reduce energy consumption and improve efficiency but also achieve precise "on-demand lighting" operation.

全球能源轉型、綠色發展浪潮中，燈光節能升級已成企業與建築業者核心訴求。傳統照明高耗低壽，既推高營運成本，也不符低碳概念。

融合 LED 與物聯網的智慧照明方案正重塑產業：從基礎 LED 替換到微波感測、藍牙連動的智慧控制，既降耗提效，更實現「按需照明」精準營運。

This journal focuses on three major categories: downlights, fluorescent tubes, and panel lights. Using real data, scenario analysis, and cost-saving case studies, it provides a comprehensive guide to energy-saving upgrades, helping users balance cost reduction and efficiency improvement with green development.

本期刊聚焦筒燈、燈管、面板燈三大品類，以真實數據、場景解析、省錢案例，提供全方位節能升級指南，協助使用者平衡降本增效與綠色發展。

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關於我們 / About us

iLighting Global Enterprise Co., Ltd.

智能環球企業有限公司



iLighting Global Enterprise Co., Ltd., founded in 2007, is a professional lighting company integrating design, manufacturing and supply. The company is committed to the research, development, manufacturing and sales of energy saving and environmental protection products. With 15 years of experience in the lighting industry, we offer OEM and ODM services. Our extensive experience enables us to accurately understand customer needs and provide stable and reliable customized products. We can customize a variety of high-efficiency, high-visibility, high-configuration lighting products, as well as environmentally friendly and energy-saving lighting solutions, to meet customer needs.

智能環球企業有限公司成立於2007年，是一家集設計、製造、供應於一體的專業照明公司。公司致力於節能環保產品的研發、製造和銷售。公司從事照明行業15年，可為客戶提供OEM和ODM服務，累積的深厚經驗使我們能精準掌握客戶需求，並提供穩定可靠的客製化產品。可以根據客戶需求定制各種高光效、高可視度、高配置的照明產品以及環保節能的照明解決方案。



High Quality
LED Lighting



Customized



System-wide
Energy Management



Green



Low Carbon



Energy Saving

Company Brands



Engineering & Specialty
工程與專業



Commerical Application
商業應用



Retail Market
零售市場



Decorative Lighting
裝飾照明



Intelligence & Lighting Control
智能照明控制

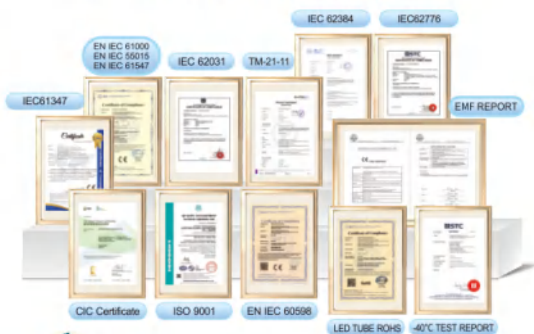


Qualification Certificate

Certificate Authentication

The products have obtained more than 100 CE certificates and lighting professional standard certifications; dozens of short-term patents in Hong Kong, China and national patent certificates in mainland China.

資質證書 實力認證 Certificate Display



產品獲得 100 多項 CE 證書及照明專業標準認證；數十項中國香港短期專利和中國大陸國家專利證書。



CE RoHS

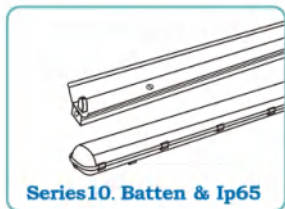
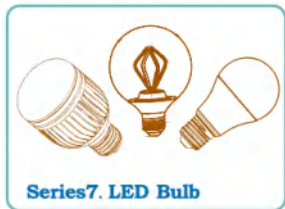
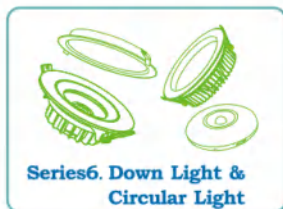
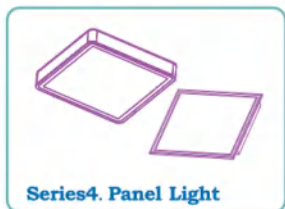
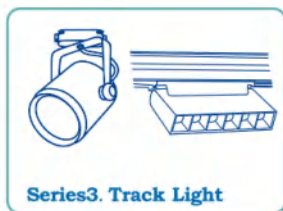
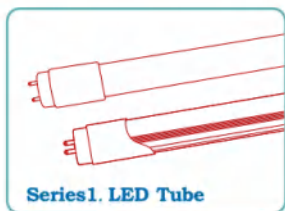
CE/LVD, CE/EMC, ROHS
IEC 62471, IEC 62493, IEC 62776, IEC 62776, IEC 61347,
IEC 62031, IEC 62384, IEC 62612, IEC 62560, IEC 62717,
IEC 62722, TM-21-11, -40°C TEST REPORT,

Our Products

We research, develop, manufacture, and sell 11 series of products, including LED tubes & strips, kitchen & cabinet lights, downlights & spotlights, industrial & mining lights & streetlights, and IoT LED bulbs & track lights. Our high-quality products and excellent service have earned the recognition and trust of our customers.

我們研發並生產銷售LED燈管&燈條、廚房&櫥櫃燈、筒燈&射燈、工礦燈&路燈、物聯網LED燈泡&軌道燈等11個系列產品，高質量的品質以及優良的服務，獲得了客戶的認可和信賴。

11 Main Series



規格參數可定制
Parameter customization

光效 (lm/W)、功率 (W)、顯色指數 (CRI), 可根據客戶需求定制。

Luminous efficacy (lm/W), power (W), and color rendering index (CRI) can be customized according to customer needs.

01 / LED 燈管 LED TUBE

T8 LED 微波感應燈管

T8 LED Microwave Sensor Tube



- >> Microwave controlled internal sensor
- >> Full lumen in activation mode, 30% lumen in standby mode
- >> The detection range can reach up to 8m
- >> Exit time 15 seconds-60 minutes (on demand customization)

Specification 產品規格

Model	LT-I0609-ML-BT-HL/LT-I1218-ML-BT-HL		
Voltage	AC85-265V		
Length	600mm	1200mm	
Power	5-12W		
Lumen Output	180Lm/W		
Lamp Base	T8, G13		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.5		
Standby Mode	30%		

T8 LED 超高流明玻璃管

T8 LED Super Lumen Glass Tube



- >> 8 Watts retrofit tubular lighting
- >> Green Technology on Energy Efficiency Illumination
- >> 80% savings against conventional fluorescent lighting
- >> 50% savings against other generic LED tubes

Specification 產品規格

Model	LT- I0609-G-HL / LT- I1218-G-HL		
Voltage	AC85-265V		
Length	600mm	1200mm	
Power	5-12W		
Lumen Output	200Lm/W		
Lamp Base	T8, G13		
CRI	>70		
Colour Temp	3000K	4000K	6000K
PF	>0.9		
Warranty	50,000hrs		

T8 LED 商用燈管

Commercial LED T8 Tube



- >> Uniform light emission
- >> SPM Design – power circuit protection to cut off individual LEDs when mal-functioned
- >> Optional: rotary end knob for angle adjustment

Specification 產品規格

Model	LT- I0609-L / LT- I1218-L		
Voltage	AC85-265V		
Length	600mm	1200mm	
Power	9-18W		
Lumen Output	120Lm/W		
Lamp Base	T8, G13		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.9		
Warranty	30,000hrs		

02

LED 筒燈 LED DOWNLIGHT

LED 感應筒燈

Motion sensor LED Downlight



- >> Uniform light emission without flicker
- >> Lightweight and easy to install
- >> White external frame can be integrated into any environment
- >> Designed for commercial and residential use in recessed spaces

Specification 產品規格

Model	DL-0612-ML-BT		
Voltage	AC220-240V		
Detecting Angle	120°		
Power	8W		
Lumen Output	180Lm/W		
PF	>0.5		
CRI	>80		
Colour Temp	3000K	4000K	6000K
Delay time	30S		
Sensing distance	3-5M		
Warranty	30,000hrs		
Size(mm)	180*180*35	160*160*35	

LED 筒燈

LED Downlights



- >> Uniform light emission without flicker
- >> Lightweight and easy to install
- >> White external frame can be integrated into any environment
- >> Designed for commercial and residential use in recessed spaces

Specification 產品規格

Model	DL-I-R		
Voltage	AC220-240V		
Detecting Angle	120°		
Power	8W		
Lumen Output	150Lm/W		
CRI	>80		
PF	>0.9		
Colour Temp	3000K	4000K	6000K
Warranty	30,000hrs		
Size(mm)	190*190*80	160*160*65	

03 LED 面板燈 LED PANEL LIGHTS



LED 感應面板燈

Motion Sensor LED Panel Lights



- >> Edge-lite LED panels for office & commercial application.
- >> Suitable for installation in Recessed Ceilings.
- >> Uniform light emission by using optical Polycarbonate.
- >> Supports scene mode for quick scene configuration and flexible trigger and hold sensitivity adjustments.

Specification 產品規格

Model	PL-PN6060-ML-BT		
Voltage	AC220-240V		
Detecting Angle	120°		
Power	15-36W		
Lumen Output	180Lm/W		
PF	>0.5		
CRI	>80		
Colour Temp	3000K	4000K	6000K
Delay time	30-120S		
Sensing distance	3-6M		
Warranty	30,000hrs		
Size(mm)	600*600	300*1200	

LED 面板燈

LED Panel Lights



- >> Edge-lite LED panels for office & commercial application.
- >> Suitable for installation in Recessed Ceilings.
- >> Uniform light emission by using optical Polycarbonate.

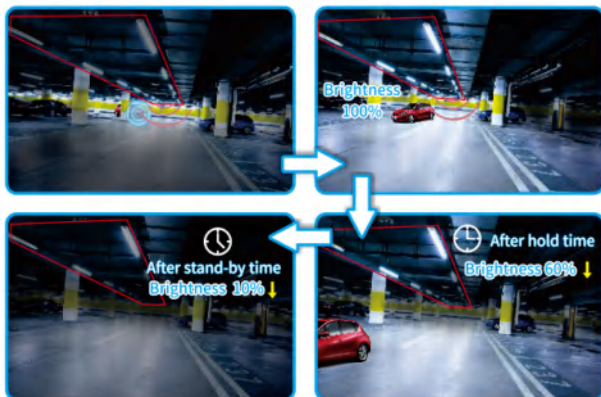
Specification 產品規格

Model	PL-PN-T		
Voltage	AC220-240V		
Detecting Angle	120°		
Power	15-36W		
Lumen Output	180Lm/W		
CRI	>80		
PF	>0.9		
Colour Temp	3000K	4000K	6000K
Warranty	30,000hrs		
Size(mm)	600*600	300*1200	

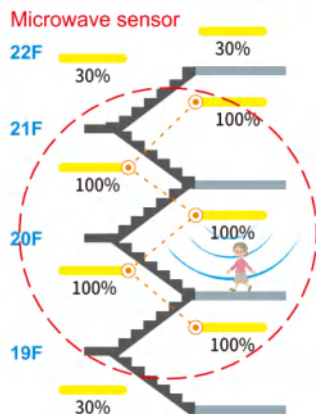
省電照明應用場景

Energy-saving lighting application scenarios

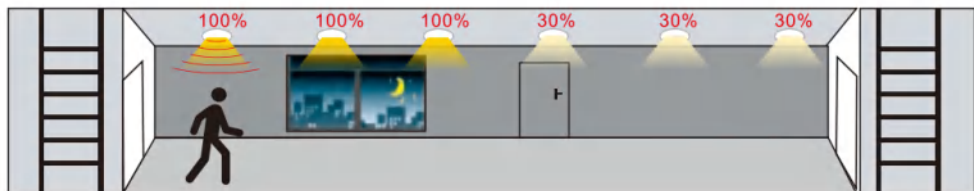
🚗 Parking lot lighting applications



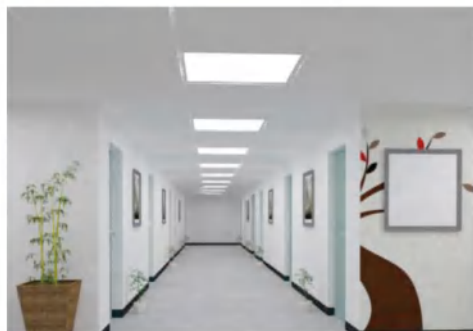
📶 Back staircase lighting



📶 Microwave induction downlights are used for corridor lighting.



📶 Panel lights for office applications



省電比較

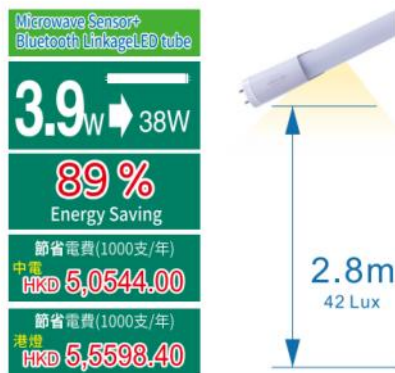
Energy saving comparison

New energy-saving data comparison

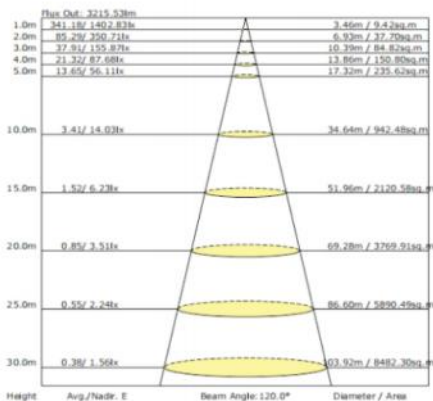
全新節能數據對比 (本數據來自真實照明產品測試)

This data comes from testing traditional fluorescent tubes of the same size (4ft) and with the same lighting effect, as well as high-lumen microwave-sensor + Bluetooth-connected LED tubes, at the same time.

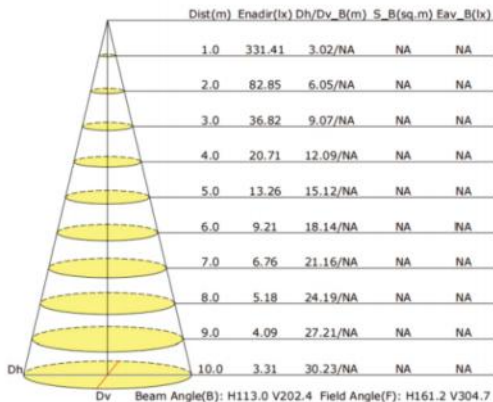
本數據來自於對同樣尺寸(4ft)且同等照明效果的傳統熒光燈管和高流明微波感應+藍牙連動LED燈管,在同一時間對其進行測試的結果。



The Average illuminance Effective Figure



High Lumen T8/1.2m tube darkroom illuminance meter



節能省電計算

Energy-saving and power-saving calculations

Energy Saving and Emission Reduction of Lighting

燈光節能減排



Our company focuses on the energy-saving of lighting, and promotes LED high-efficiency energy-saving lamps (LED lamps). Light-emitting diodes (LEDs) are solid semiconductor devices, which can effectively convert electric energy into visible light. The luminous efficiency ranges from 100-180 lm/W, which exceeds any other lamps. It is more energy-efficient than incandescent lamps, fluorescent lamps and quartz bulbs.

我司專注於燈光的節能，推動 LED 高效節能燈（LED 燈），發光二極管（LED）是固態的半導體器件，可有效地把電能轉化為可見光線。發光效率介乎 100 至 180 lm/W，超過任何其他燈具，它比白熾燈、熒光燈及石英燈泡更具能源效益。

The Advantages 使用LED的優點

✓ Long Service Life
使用壽命長



壽命可達25,000至50,000小時，比檯電膽長約3倍至6倍，比一般鎢絲燈約1,000小時的壽命長更多。

✓ Solid and Reliable
堅固可靠



LED不會有燈絲斷裂的問題，本身就堅固耐用。LED燈泡不易因外部衝擊而損壞，不像螢光燈和鎢絲燈燈泡易易碎。

✓ No Mercury
沒有水銀



發光二極管的生產過程中不需要使用水銀。

NO Hg NO UV/IR

✓ Color Variation
色彩變化多



LED對開關和調控訊號反應迅速，因此非常適用於營造閃動及變幻的照明效果。

Average Performance of Various Light Sources(lm/W) 市場上各種光源的平均效能（流明/瓦）

光源照明比較				
照明類型	發光效率 (流明/瓦特)	使用壽命 (小時)	顯色指數 (CRI)	色溫 (K)
白熾燈				
標準電燈泡	8 lm - 17lm	1,000-1,500	98-100 (非常好)	2,700-2,800 (暖)
鹵鎢燈	11lm - 21 lm	2,000-3,000	98-100 (非常好)	2,900-3,200 (暖偏中)
螢光燈				
T5 / T8	80lm - 110lm	15,000-30,000	60-95 (好)	2,700-6,500 (由暖到冷)
緊湊型螢光燈	50lm - 70lm	6,000-15,000	70-85 (好)	2,700-6,500 (由暖到冷)
發光二極管				
LED燈	100lm - 180lm	15,000-50,000	70-95 (好)	2,700-6,500 (由暖到冷)



Electricity Charges in Hong Kong 香港近年電費變化

年份	中電近年電費變化 (仙/度電)			
	基本電費	燃料費	回扣	平均淨電費
2022	93.7	38.6	-3.4	128.9
2023	93.7	62	-1.3	154.4
2024	96.6	46.3	0	142.9

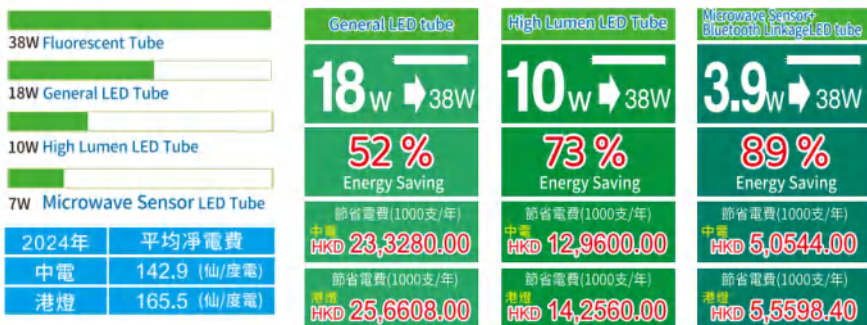
年份	港燈近年電費變化 (仙/度電)			
	基本電費	燃料費	回扣	平均淨電費
2022	109	27.3	-1	135.3
2023	114.5	82.5	0	197
2024	119.5	46	0	165.5

Comparison Of Energy Saving Data of New LED Tube

全新LED Tube 的節能數據對比 (本數據來自真實照明產品測試)

The data in this study comes from tests conducted simultaneously on traditional fluorescent tubes, ordinary LED tubes, high-lumen LED tubes, and high-lumen microwave-sensor + Bluetooth-connected LED tubes of the same size (4ft) and with the same lighting effect.

本次數據來自於對同樣尺寸 (4ft) 且同等照明效果的傳統熒光燈管、普通LED燈管、高流明LED燈管和高流明微波感應+藍牙連動LED燈管，在同一時間對其進行測試的結果。



不同燈管的耗電參數

Tube Type	T8 Fluorescent(4ft)	T8 LED Tube(4ft)	T8 High Lumen Tube(4ft)	T8 High Lumen Microwave Sensor +Bluetooth Linkage LED Tube(4ft)
燈管額定功率(瓦) + Ballast	36W + 2W	18W	10W	約3.9W
安定器型式	EM Ballast	電源驅動器	電源驅動器	電源驅動器
Lighting Model	無	LT-I1218-L108A	LT-I1218-L197A-HL	LT-I1218-ML-BT-HL
安定器頻率(每秒閃爍次數)	AC220V/60Hz	AC220V/60Hz	AC220V/60Hz	AC220V/60Hz
每支燈管光通量(流明)	80lm/W	100lm/W	180lm/W	180lm/W
燈具光通量(流明)	2880lm	1800lm	1800lm	1800lm
光效(光通量÷耗電瓦數)	50	100	180	180
功率因數(PF)	~ 0.5	> 0.9	> 0.9	> 0.9
每支燈管壽命(小時)	8000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
總耗電瓦數(瓦)/支	38W	18W	10W	3hrs100% 21hrs30% 平均約3.9W
100支點亮對比	每天耗電量(度)=總耗電(W)÷1000W×點燈時間 (HKD)每天電費=(每天用電總數×電費單價\$1.5) (HKD)每月電費=每天耗電量×電費單價\$1.5×30			
100支每天點燈時間(24小時)	91200W	43200W	24000W	9360W
100支每天耗電度數(度)	91.2度	43.2度	24度	9.36度
每天電費	HKD 130.42	HKD 64.80	HKD 36.00	HKD 14.04
每月電費(HKD)	HKD 4,104.00	HKD 1,944.00	HKD 1,080.00	HKD 421.20
100支每月節省電費(HKD)	沒更換,沒有節省電費	HKD 2,376.00	HKD 3,024.00	HKD 3,683.00
100支每年節省電費(HKD)	沒更換,沒有節省電費	HKD 28,512.00	HKD 36,288.00	HKD 44,196.00
500支點亮對比	每月電費(HKD)=每天耗電量×電費單價\$1.5×30			
每月電費(HKD)	HKD 20,520.00	HKD 9,720.00	HKD 5,400.00	HKD 2,106.00
500支每月節省電費(HKD)	沒更換,沒有節省電費	HKD 10,800.00	HKD 15,120.00	HKD 18,414.00
500支每年節省電費(HKD)	沒更換,沒有節省電費	HKD 129,600.00	HKD 181,440.00	HKD 220,968.00
1000支點亮對比	每月電費(HKD)=每天耗電量×電費單價\$1.5×30			
每月電費(HKD)	HKD 41,040.00	HKD 19,440.00	HKD 10,800.00	HKD 4,212.00
1000支每月節省電費(HKD)	沒更換,沒有節省電費	HKD 21,600.00	HKD 30,240.00	HKD 36,828.00
1000支每年節省電費(HKD)	沒更換,沒有節省電費	HKD 259,200.00	HKD 362,880.00	HKD 441,936.00

Comparison Of Energy Saving Data of New LED Downlight

全新LED Downlight的節能數據對比 (本數據來自真實照明產品測試)

The data in this study comes from tests conducted simultaneously on traditional fluorescent tubes, ordinary Downlight Fluorescent(PLC), Downlight (LED PLC), High Lumen LED Downlight, High Lumen Microwave Sensor+Bluetooth Linkage LED Downlight of the same size (6") and with the same lighting effect.

本研究的數據來自對相同尺寸(6")且照明效果相同的傳統螢光燈管、普通筒燈螢光燈(PLC)、筒燈(LED PLC)、高流明LED筒燈、高流明微波感應器+藍牙連接LED筒燈同時進行的測試。



不同Downlight的耗電參數

Comparison Item	Downlight Fluorescent(PLC)	Downlight (LED PLC)	High Lumen LED Downlight	High Lumen Microwave Sensor+Bluetooth Linkage LED Downlight
燈管額定功率(瓦) + Ballast	18W*2	7W*2	8W	約3.2W
ilighting Model	無	IPLC-H07	DL-0612-HL	DL-0612-ML-BT
安定器頻率(每秒閃爍次數)	AC220V/60Hz 燈會閃爍	AC220V/60Hz 燈不閃爍	AC220V/60Hz 燈不閃爍	AC220V/60Hz 燈不閃爍
每支燈管光通量(流明)	80lm/W	100lm/W	180lm/W	180lm/W
燈具光通量(流明)	2880lm	1400lm	1440lm	1440lm
光效(光通量÷耗電瓦數)	80	100	180	180
功率因數(PF)	<0.5	<0.5	> 0.9	> 0.9
每支燈管壽命(小時)	8000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
總耗電瓦數(瓦)/個	36W	14W	8W	3hrs100% 21hrs30% 平均約3.2W
100支點亮對比 每天耗電量(度)=總耗電(W)+1000W×點燈時間 (HKD)每天電費=每天用電總數×電費單價\$1.5 (HKD)每月電費=每天耗電量×電費單價\$1.5×30				
100支每天點燈時間(24小時)	86400W	33600W	19200W	7680W
100支每天耗電度數(度)	86.4度	33.6度	19.2度	7.68度
每天電費	HKD 129.60	HKD 50.40	HKD 28.80	HKD 11.52
每月電費(HKD)	HKD 3,888.00	HKD 1,512.00	HKD 864.00	HKD 345.60
100個每月節省電費(HKD)	沒更換,沒有節省電費	HKD 2,376.00	HKD 3,024.00	HKD 3,542.40
100個每年節省電費(HKD)	沒更換,沒有節省電費	HKD 28,512.00	HKD 36,288.00	HKD 42,508.80
500支點亮對比 每月電費(HKD)=每天耗電量×電費單價\$1.5×30				
每月電費(HKD)	HKD 19,440.00	HKD 7,560.00	HKD 4,320.00	HKD 1,728.00
500個每月節省電費(HKD)	沒更換,沒有節省電費	HKD 11,880.00	HKD 15,120.00	HKD 17,712.00
500個每年節省電費(HKD)	沒更換,沒有節省電費	HKD 142,560.00	HKD 181,440.00	HKD 212,544.00
1000支點亮對比 每月電費(HKD)=每天耗電量×電費單價\$1.5×30				
每月電費(HKD)	HKD 38,880.00	HKD 15,120.00	HKD 8,640.00	HKD 3,456.00
1000個每月節省電費(HKD)	沒更換,沒有節省電費	HKD 23,760.00	HKD 30,240.00	HKD 35,424.00
1000個每年節省電費(HKD)	沒更換,沒有節省電費	HKD 285,120.00	HKD 362,880.00	HKD 425,088.00

Comparison Of Energy Saving Data of New LED Panel Light

全新LED Panel Light 的節能數據對比 (本數據來自真實照明產品測試)

The data in this study comes from tests conducted simultaneously on traditional fluorescent tube light panels, LED tube light panels, LED Panel Light, High Lumen LED Panel Light, and High Lumen Microwave Sensor+Bluetooth Linkage LED Panel Light of the same size (2ft*2ft) and with the same lighting effect.

本次數據來自於對同樣尺寸 (2ft*2ft) 且同等照明效果的傳統螢光管燈盤、LED管燈盤、LED面板燈、高流明LED面板燈、高流明微波感應器+藍牙連動LED面板燈，在同一時間對其進行測試的結果。



不同Panel Light的耗電參數

Panel Type Comparison Item	2ft*2ft Fluorescent管燈盤	2ft*2ft LED管燈盤	2ft*2ft LED Panel Light	2ft*2ft High Lumen LED Panel Light	2ft*2ft High Lumen Microwave Sensor+Bluetooth Linkage LED Panel Light
Panel 額定功率(瓦) + Ballast	18W*3+2*3(60W)	9W*3(27W)	23W	15W	約5.8W
lighting Model	無	DBA-D0627	PL-PN6060-T	PL-PN6060-HL	PL-PN6060-ML-BT
安定器頻率(每秒閃爍次數)	AC220V/60Hz 燈管會閃爍	AC220V/60Hz 燈管不閃爍	AC220V/60Hz 燈不閃爍	AC220V/60Hz 燈不閃爍	AC220V/60Hz 燈不閃爍
每支燈管光通量(流明)	70lm/W	100lm/W	120lm/W	180lm/W	180lm/W
燈具光通量(流明)	2880lm	2700lm	2760lm	2700lm	2700lm
光效(光通量÷耗電瓦數)	80	100	120	180	180
功率因數(PF)	<0.5	>0.9	>0.9	>0.9	>0.9
每支燈管壽命(小時)	8000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
總耗電瓦數(瓦/個)	60W	27W	23W	15W	3hrs100% 21hrs30% 平均約5.8W
100支點亮對比 每天耗電量(度)=總耗電(W)÷1000W×點燈時間 (HKD)每天電費=(每天用電總數×電費單價\$1.5) (HKD)每月電費=每天耗電量×電費單價\$1.5×30					
100支每天點燈時間(24小時)	144000W	64800W	55200W	36000W	13920W
100支每天耗電度數(度)	144度	64.8度	55.2度	36度	13.92度
每天電費	HKD 216.00	HKD 97.20	HKD 82.80	HKD 54.00	HKD 20.88
每月電費(HKD)	HKD 6,480.00	HKD 2,916.00	HKD 2,484.00	HKD 1,620.00	HKD 626.40
100個每月節省電費(HKD)	沒更換,沒節省電費	HKD 2,376.00	HKD 3,996.00	HKD 4,860.00	HKD 5,853.60
100個每年節省電費(HKD)	沒更換,沒節省電費	HKD 28,512.00	HKD 47,952.00	HKD 58,320.00	HKD 70,243.20
500支點亮對比 每月電費(HKD)=每天耗電量×電費單價\$1.5×30					
每月電費(HKD)	HKD 32,400.00	HKD 14,580.00	HKD 12,420.00	HKD 8,100.00	HKD 3,132.00
500個每月節省電費(HKD)	沒更換,沒節省電費	HKD 17,820.00	HKD 19,980.00	HKD 24,300.00	HKD 29,268.00
500個每年節省電費(HKD)	沒更換,沒節省電費	HKD 213,840.00	HKD 239,760.00	HKD 291,600.00	HKD 351,216.00
1000支點亮對比 每月電費(HKD)=每天耗電量×電費單價\$1.5×30					
每月電費(HKD)	HKD 64,800.00	HKD 29,160.00	HKD 24,840.00	HKD 16,200.00	HKD 6,264.00
1000個每月節省電費(HKD)	沒更換,沒節省電費	HKD 35,640.00	HKD 39,960.00	HKD 48,600.00	HKD 58,536.00
1000個每年節省電費(HKD)	沒更換,沒節省電費	HKD 427,680.00	HKD 479,520.00	HKD 583,200.00	HKD 702,432.00



Before placing an order Q&A

下單前Q&A

Q1: 關於功率(W)

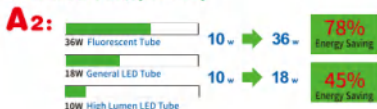
2尺9W 3尺13W 4尺18W 5尺22W 其他



T8 LED燈管常規尺寸:
2尺9W, 3尺13W, 4尺18W, 5尺22W
可按需訂製不同功率, 配合能源節能計劃

Q2: 關於光效(lm/W)

100 120 140 150 160 其他

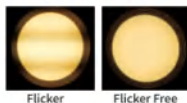


同功率燈光效越高越亮,
另替代原T8螢光燈光效高,
功率可以做低省電。

Q3: 有無頻閃? PF0.5和PF0.9

PF0.5 無頻閃 PF0.9 有頻閃 PF0.9 無頻閃

A3: 常規商用款式為:
PF0.5無頻閃和PF0.9有頻閃,
工程款式PF大於0.9無頻閃。

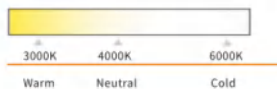


Q4: 關於色溫

2700k 3000k 4000k 6000k Dynamic White 其他

A4:

WB SETTINGS	COLOR TEMPERATURE	LIGHT SOURCES
	10000-15000K	Clear Blue Sky
	6500-8000K	Cloudy Sky / Shade
	6000-7000K	Normal Sunlight
	5500-6500K	Average Daylight
	5000-5500K	Electronic Flash
	4000-6000K	Fluorescent Light
	3000-4000K	Early AM/ Late PM
	2500-3000K	Domestic Lighting
	1000-2000K	Candle Flame



6000K日光色, 4000K冷白色,
3000K暖白色, 2700K白熾燈色,
如原來螢光燈標示840代表CRI80, 4000K

Q5: 關於顯色指數CRI

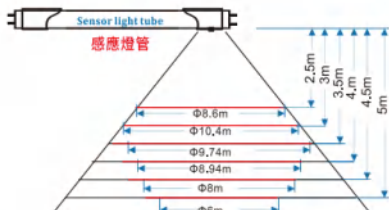
70 80 90 98 其他



CRI顯色指數以Ra來表示, 天然光的顯色度為100Ra, Ra越大顯色性能越好, 我司燈管常規CRI大於80。

Q6: 燈管的感應距離 / Sensing distance of lamp tube

A6: * 例如安裝高度2.5米時, 那么感應的理想範圍是8.6米
* For example, when the installation height is 2.5 meters, the ideal range for sensing is 8.6 meters



Q7: 是單端還是雙端接線? / Is it single ended or double ended wiring?

(可按客戶要求去配合不同接線方法 / Different wiring methods can be coordinated according to customer requirements)

