



iLighting Global Enterprise Co., Ltd.

智能環球企業有限公司

LED Lighting Tube

Emergency Series

Your Energy Saving Solution Partner



明亮均勻



安全穩定



應急照明



安裝簡便

Bright × Health



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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.

Having been engaged in the lighting industry for 15 years, OEM and ODM services can be provided for customers. We can customize various lighting products with high luminous efficiency, high visibility and high configuration, as well as environmental protection and energy-saving lighting solutions according to 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。我們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





Engineering & Specialty
工程與專業



Commercial 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

Our Products

Apply to Engineering & Specialty

adheres to engineering and professionalism, strictly controls product quality, and brings you products with the highest cost performance while pursuing stable product functions.

堅持工程化、專業化，嚴格把控產品質量，在追求產品功能穩定的同時，為您帶來最高性價比的產品。



Certificate Authentication

The products have successively obtained more than 100 CE and lighting professional standard certificates. Since the establishment of our company, Our company, has successively obtained more than 10 short-term patents in Hong Kong(China) and more than 10 national patent certificates in mainland China.

產品先後獲得100多項CE及照明專業標準證書。公司自成立以來，先後獲得十多項中國香港短期專利和十多項中國大陸國家專利證書。



CE | RoHS | Patents

10 Main Series

Our produces and operates 10 series of products, including LED Tube&Batten, Kitchen&Cabinet, Down Light&Spot, HighBay&Street, IOT LED Light Bulb&Track, which have gained consumer recognition and maintained good cooperative relationships with numerous businesses.

我們生產經營LED燈管&燈條、廚房&櫥櫃、筒燈&射燈、工礦燈&路燈、物聯網LED燈泡&軌道等10個系列產品，獲得了消費者的認可，並與眾多商家保持了良好的合作關係。

Series 1

Tube & Batten

Series 2

Kitchen & Cabinet

Series 3

Down Light & Spot

Series 4

Bulb

Series 5

Panel & Track

Series 6

HighBay & Street

Series 7

Solar & Wall

Series 8

Driver & Switch

Series 9

IOT LED Light

Series 10

Control & intelligent



Our company focuses on the energy saving of lights, production, development and sales of LED lights, high-lumen LED and LED microwave lamps. Compared with incandescent, fluorescent and quartz bulbs, LED lights are more energy efficient and energy-saving.

我司專注於燈光的節能，生產研發和銷售LED燈、高流明高流明LED以及LED微波燈管。相比白熾燈、熒光燈及石英燈泡，LED燈更具能源效益，更節能。



EMERGENCY PRODUCT

» » INTRODUCTION 應急產品介紹



PRODUCT 產品介紹



Emergency series lighting fixtures designed for emergency situations. It can be automatically or manually activated in the event of power outages or other emergencies to provide personnel with necessary lighting and evacuation instructions.

應急系列專為緊急情況設計的照明燈具。它能够在電力中斷或其他突發狀況下自動或手動啟動，為人員提供必要的照明和疏散訓示。

PRODUCT FEATURES 產品功能



The core feature of emergency lighting is its built-in backup power system, usually batteries, to ensure continuous power supply when the main power source fails. In addition, emergency lights also have a variety of functions, such as automatic sensing, long-term lighting, safe exit signs, etc., to meet emergency needs in different scenarios.

應急燈的覈心特點在於其內真的備用電源系統，通常為蓄電池，確保在主電源失效時仍能持續供電。此外，應急燈還具備多種功能，如自動感應、長時間照明、安全出口標識等，以應對不同場景下的緊急需求。

APPLICATION 應用場所



Whether in homes, office buildings, shopping malls or public places such as hospitals, emergency lights are indispensable safety equipment.

無論是在家庭、辦公樓、商場還是醫院等公共場所，應急燈都是不可或缺的安全設備。



節能應急電源組

Power Reductive Emergency Power Pack



Specification

產品規格

Model	EL-LT-30	EL-LT-50	EL-LT-100
Battery Type	Ni-Cd		
Input	AC 220-240V 50HZ		
Rate Supply Voltage	220V +/- 10% /50-60HZ		
Battery	7.2V/1.5Ah	7.2V/2.5Ah	
Output	<DC 300V		
Power	9-18W		
Discharge time	≥2 Hours		
Recharge time	≤12Hours		
Emergency Output	≥30%	≥50%	≥100%

節能應急電源組

Power Reductive Emergency Power Pack



Specification

產品規格

Model	EL-LT-30	EL-LT-50	EL-LT-100
Battery Type	Ni-Mh		
Input	AC 220-240V 50HZ		
Rate Supply Voltage	220V +/- 10% /50-60HZ		
Battery	7.2V/1.5Ah	7.2V/2.5Ah	
Output	<DC 300V		
Power	9-18W		
Discharge time	≥2 Hours		
Recharge time	≤12Hours		
Emergency Output	≥30%	≥50%	≥100%

- ✓

充放電數:重複500次以上
Charge and discharge: repeated more than 500 times.
- ✓

屬性:直流供電電池
Attribute: DC power supply battery
- ✓

適宜溫度: -30°C-50°C
Suitable temperature: -30°C-50°C

- ✓

特點:經濟耐用
Features: economical and durable
- ✓

電壓:1.2V左右
Voltage: about 1.2V
- ✓

長時間的放置下也不會使效能劣化
It will not deteriorate the performance even if it is left for a long time.

These power supplies have passed [UKCA EMC](#) / [BS EN 60598](#) / [ILG-23-T007](#) / [BS EN 61347](#) certification, which is safe and reliable.

T5 LED 燈管 (應急)

T5 LED Tube (Emergency)



Product Model 產品型號

Model	LT-I5-E
	EL-LT

Specification 產品規格

Model	LT-I5-E		
Voltage	AC85-265V		
Length	600mm	1200mm	
Power	9-18W		
Lumen Output	120Lm/W		
Lamp Base	T5,G5		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.9		
Standby Mode	30%		

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Power	9-18W	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

T8 LED 燈管 (應急)

T8 LED Tube (Emergency)



Product Model 產品型號

Model	LT-I-E
	EL-LT

Specification 產品規格

Model	LT-I-E		
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		
Standby Mode	30%		

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Power	9-18W	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

T5藍牙聯動LED燈管(應急)

T5 Bluetooth linkage LED Tube (Emergency)



Product Model 產品型號

Model	LT-I-ML-BT-T5G5-E
	EL-LT

Specification 產品規格

Model	LT-I-ML-BT-T5G5-E		
Voltage	AC85-265V		
Length	600mm	1200mm	
Power	9-18W		
Lumen Output	120Lm/W		
Lamp Base	T8,G5		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.5		

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Power	9-18W	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

預組裝 - T8微波感應LED燈管(應急) + 英式支架

Pre-assembly - T8 Microwave Sensor LED Tube(Emergency) + British Batten Fitting



Product Model 產品型號

Model	LT-I-M
	DBA-EN
	EL-LT

Specification 產品規格

Model	LT-I-M	
Voltage	AC100~240V	
Length	600mm	1200mm
Power	18W	
Lumen Output	100Lm/W	
Lamp Base	T8,G13	
CRI	>80	
Colour Temp	3000K	4000K 6000K
PF	>0.9	

Specification 產品規格

Model	DBA-S-EN	DBA-D-EN
Length	600mm	1200mm
Material depth	0.8mm	
Batten Body	made of thin gauge metal	

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

預組裝 - LED面板燈(應急)

Pre-assembly - LED Panel Light (Emergency)



Product Model 產品型號

Model	PL-PN-E
	EL-LT

Specification 產品規格

Model	PL-PN6060-E		
Voltage	AC220-240V		
Beam Angle	120 degree		
Power	36W		
Lumen Output	100Lm/W		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.9		

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

預組裝 - LED筒燈(應急)

Pre-assembly - LED Down Light (Emergency)



Product Model 產品型號

Model	DL-N-E
	EL-LT

Specification 產品規格

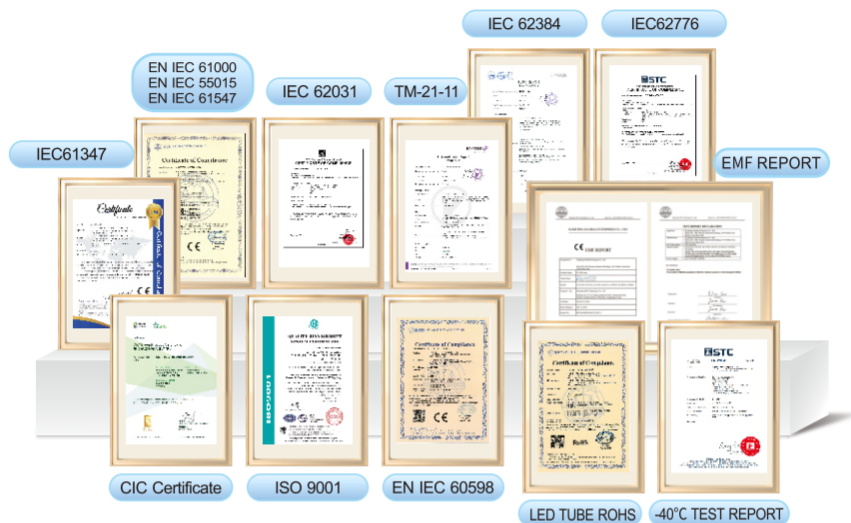
Model	DL-N-E		
Voltage	AC220-240V		
Beam Angle	120 degree		
Power	26W		
Lumen Output	100Lm/W		
CRI	>80		
Colour Temp	3000K	4000K	6000K
PF	>0.9		

Specification 產品規格

Model	EL-LT	
Battery Type	Ni-Cd	Ni-Mh
Input	AC 220-240V 50HZ	
Rate Supply Voltage	220V +/- 10% /50-60HZ	
Battery	7.2V/1.5Ah	7.2V/2.5Ah
Output	<DC 300V	
Discharge time	≥2 Hours	
Recharge time	≤12Hours	

資質證書 實力認證

Certificate Display



● 香港認可機構-合作實驗室

BST 倍通授權證書



EMTEK信測授權證書



UN 優耐授權證書



CBT 環測威授權證書



STC 標檢授權證書



● 消防測試報告



The Difference Between Ni-Cd, Ni-MH and Li-ion



Ni-Cd 鎳鎘電池

這種電池有充電記憶效應，如果沒有完全放電就充充電，會令容量降低，鎘也是一種重金屬有害物質，對環境有污染。

Ni-Cd

This type of battery has a charging memory effect. If it is charged without complete discharge, it will reduce its capacity. Cadmium is also a harmful heavy metal substance that pollutes the environment.

Ni-MH 鎳氫電池

屬於高容量電池，不存在充電記憶效應，容量比同類鎳鎘電池高，電池效能比鋰電池差一些，但價格也便宜一些。

Ni-MH

Belonging to high capacity batteries, there is no charging memory effect, and the capacity is higher than similar nickel cadmium batteries. The battery efficiency is slightly worse than lithium batteries, but the price is also cheaper.

Li-ion 鋰離子電池

比鎳鎘，鎳氫電池有更高的容量和更輕的重量壽命也最長，充電時間最短，無記憶效應。電量儲備大但需用專用充電器，用普通充電器會降低充電效果和壽命。效能方面最好的是鋰電池，現時大部分數碼產品都使用鋰電池。

Li-ion

Compared to nickel cadmium, nickel hydrogen batteries have higher capacity, lighter weight, longest lifespan, shortest charging time, and no memory effect. The battery reserve is large but requires a dedicated charger. Using a regular charger will reduce charging efficiency and lifespan. The best in terms of efficiency is lithium batteries, which are currently used in most digital products.





Emergency Products

Before placing an order **Q&A**

應急產品下單前 **Q&A**

Q1: 需要接應急的產品? / Products that need emergency response?

A1: ① LED燈管; ② 熒光燈; ③ LED筒燈/面板燈; ④ 其他;

(☐ ☐ ☐ ☐)
LED燈管 熒光燈 LED筒燈 其他
/面板燈

Q2: 接應急產品功率? / Emergency product power?

A2: ① 9W; ② 18W; ③ 22W; ④ 其他;

(☐ ☐ ☐ ☐)
9W 18W 22W 其他

Q3: 應急亮度 (出光亮度)?

Emergency brightness (light output brightness)?

A3: ① 10%; ② 30%; ③ 50%; ④ 100%;

(☐ ☐ ☐ ☐)
10% 30% 50% 100%

Q4: 應急時間? / Emergency Time?

A4: ① 2小時; ② 3小時;

(☐ ☐)
2小時 3小時

Q5: 電池材料? / Battery Materials?

A5: ① Ni-Cd; ② Ni-Mh; ③ Lithium;

(☐ ☐ ☐)
Ni-Cd Ni-Mh Lithium

Q6: 多長時間充滿電? / How long does it take to fully charge?

A6: ① 12H; ② 24H;

(☐ ☐)
12H 24H

Q7: 外置電源是否固定在應急金屬盒內 (如筒燈, 面板燈)?

Is the external power supply fixed in the emergency metal box (such as downlights, panel lights)?

A7: ① Yes; ② No;

(☐ ☐)
Yes No

Q8: 安裝在什麼支架? / What bracket is it installed on?

A8: ① 英式支架; ② 防水支架(寬度須大於100mm); ③ 普通支架(寬度須大於60mm);

(☐ ☐ ☐)
英式 防水 普通
支架 支架 支架

Q9: 感應管配應急電池使用中, 停電後是否有感應功能。

The induction tube is equipped with an emergency battery and is in use to check whether it has induction function after power outage.

A9: ① 有; ② 無;

(☐ ☐)
有 無

Q10: 關於保養

A10: ① 燈具保養: (☐ ☐ ☐)
2年 3年 5年

② 電池保養: (☐ ☐)
1年 3年

產品保養選擇	常規燈具商用款式保二年, 工程款式保三年, 如需保五年單價會貴15%。 電池常規保一年, 如需保三年單價會貴15%。
免費保修的範圍	1. 超過保修期; 2. 非本公司質量問題引起的故障和損壞; 3. 非產品本身問題; 由於人為原因及用戶錯誤或不當使用、保管、保養或操作不當造成的故障和損壞; 4. 未經過我司授權, 擅自拆卸或維修造成的損壞。
超過保修期	1. 超過保修期, 需支付額外的維修費及人工費; 2. 如寄存在本公司維修, 維修完畢可免費保存貨物一個月, 超過時間我司將額外收取產品價值20%的倉儲費; 3. 過保養期的產品, 本公司有權利不承擔維修義務。