

## Low Power T8 Series LED Tubes



To conveniently replace the traditional T8 fluorescent tubes with excellent features, like longer lifetime (>20,000 hrs min.), higher luminous efficacy, lower power consumption, lower heat radiation, and lower environmental pollution, **GlacialTech** proudly launches the unique **Lower Power T8 Series LED Tubes**, designed to use efficient **4, 8, 16, and 20W LEDs** respectively, corresponding to common **1-foot, 2-foot, 4-foot, and 5-foot tubes**, and individually supported by four AC input voltage specs, including **100-110V, 120V, 220-240V, and 277V**. They fit standard **G13** sockets and are an optimum lighting solution for commercial, local, or public area lighting.

If the input voltage does not stay within its specified range, however, the tube may not light up due to a low input voltage insufficient to start up the tube successfully. Or, the tube may flicker on and off due to a high input voltage, setting off the inbuilt Over Temperature Protection (OTP), which shuts down the tube at overly high temperatures as well as automatically starting up the tube at a relatively low temperature. It should be highlighted that the patented LED driver built into the LED tube is one of our eco-friendly inventions. Unlike the conventional LED drivers, emitting Electromagnetic Interference (EMI, also called Radio Frequency Interference or RFI) via either electromagnetic conduction or electromagnetic radiation, our innovative LED driver emits neither noise nor interference and will not interfere with the effective performance of noise-sensitive electronic devices such as television sets, cell phones, AM/FM radios, medical instruments, military equipment, and the like.

**GlacialTech** 所使用的**低功率 T8 燈管**，主要優勢為所需要的消耗瓦數在 1 呎燈管長度下為小於 5 瓦，在 2 呎燈管長度下為小於 10 瓦，在 4 呎燈管長度下為小於 20 瓦，在 5 呎燈管長度下為小於 25 瓦，並具備比傳統螢光燈更優良的特性如：使用壽命長(至少 20,000 小時)、高發光效能並具備環保節能特性，燈座可安裝於 G13 之傳統標準規格並適用於 110V AC 或 220V AC 電壓，低功率 T8 燈管主要使用於居家照明、商用空間照明或公共區域照明。

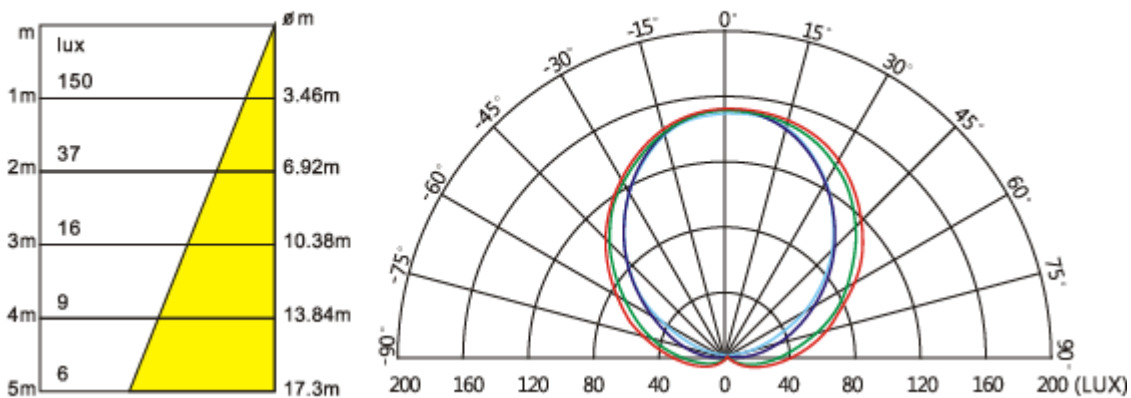
## Features 特性

- Indoor use only 室內照明專用
- Direct replacement for traditional T8 fluorescent tubes 直接取代傳統 T8 螢光燈
- Power factor > 0.9 at 115V AC; power factor > 0.9 at 230V AC 功率因素 > 0.9 (115V AC) ; 功率因素 > 0.9 (230V AC)
- High power efficiency > 80% 高電源效率 > 80%
- High luminous efficacy LEDs 高發光效能 LED
- No UV or IR radiation 無紫外線或紅外線輻射
- Compliance with safety standards: EN61195, EN61347-1+EN61347-2-13, EN62031,
- EN60061, EN55015, EN61547, EN61000-3-2/-3-3/-4-2~4-6/-4-8/-4-11, FCC Part15B 遵循歐盟安規及北美 FCC 標準：EN61195、EN61347-1+EN61347-2-13、EN62031、
- EN60061、EN55015、EN61547、EN61000-3-2/-3-3/-4-2~4-6/-4-8/-4-11、FCC Part15B
- Cool light, which can reduce the rise of the ambient temperature. 低溫光可減少環境溫度的上昇
- Energy saving and environment friendly 具環保節能效益

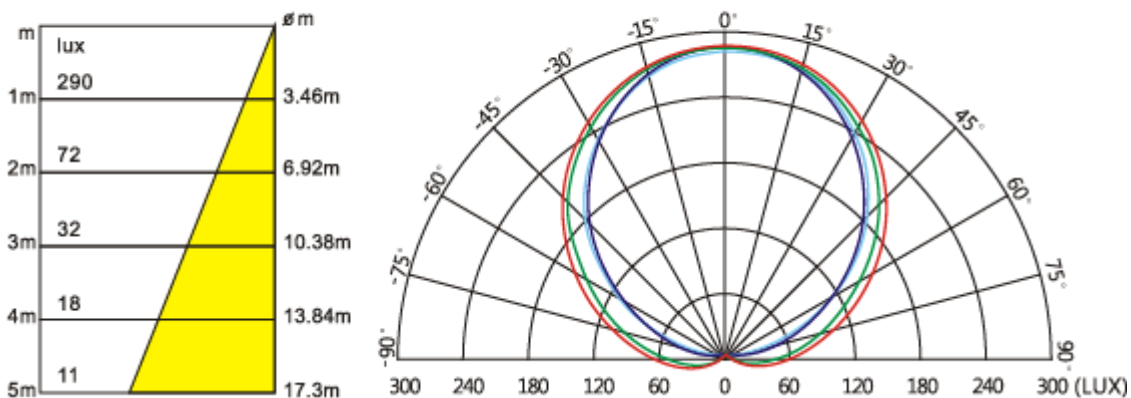


## Candle Power Distribution Curve 配光曲線圖

GL-LT8-10CW



GL-LT8-20CW

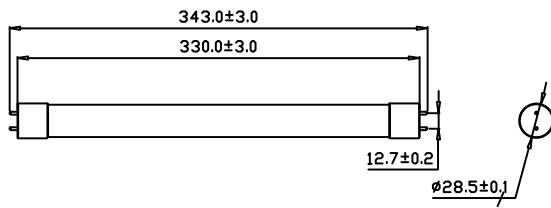


**Specifications 產品規格**

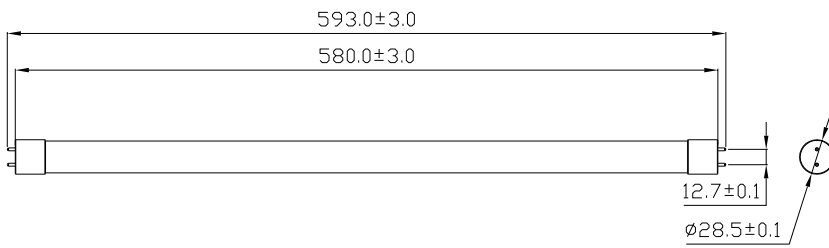
Model No. 型號	GL-LT8-05CW	GL-LT8-10CW	GL-LT8-20CW	GL-LT8-25CW
CCT (Typical) 色溫	6000 K			
Typical Power Consumption 消耗瓦數	5 W	10 W	20 W	25 W
Typical Luminous Flux (lm) 光通量 (流明)	300 lm	600 lm	1,200 lm	1,500 lm
Input Voltage 輸入電壓	100-110V AC/ 120V AC/ 220-240V AC/ 277VAC			
Work Frequency 工作頻率	50 Hz / 60 Hz			
Socket Base 適用燈座型號	G13			
Operation Temp. Range 操作溫度	-20°C ~ +40°C			
Typical Luminous Efficacy 發光效能(流明/瓦)	60 lm/W	60 lm/W	60 lm/W	60 lm/W
CRI 演色性	> 60			
Beam Angle 光束角	120°			
Cover 蓋子	Clear/ Frosted 透明/霧面			
Warranty 保固期	2 Years			
Applications 應用	Local Lighting/ Commercial Lighting/ Public Place Lighting 居家室內裝潢/ 商業空間/ 公共空間照明			
Outline Dim.外觀尺寸(公厘)	ψ28.5*330(mm)	Type1: ψ28.5*580(mm) Type2: ψ28.5*600(mm)	ψ28.5*1200(mm)	ψ28.5*1500(mm)
Net. Weight 淨重(公斤)	0.07 (kgs)	0.15 (kgs)	0.30 (kgs)	0.37 (kgs)
Package 包裝方式	24 Boxes / 2 Packs / Carton		12 Boxes / 2 Packs / Carton	

**Dimensions 尺寸**

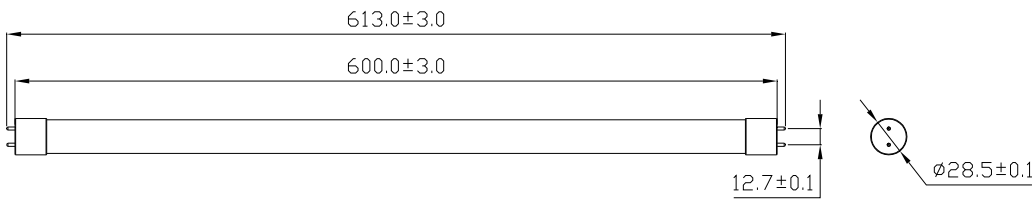
**1-foot 1 呎 (330 mm)**



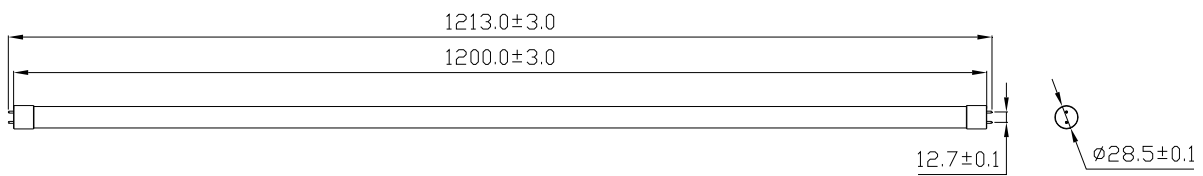
**2-foot 2 呎 Type1: (580 mm)**



**2-foot 2 呎 Type2: (600 mm)**



**4-foot 4 呎 (1200mm)**



**5-foot 5 呎 (1500mm)**

