

2010

Evergreen Power Limited

LED Lightings

Your Valued Partner in Solar



Introduction

Recent years the LED technology has going through a rapid development. The luminous efficiency of LED has continue to scale new height and has replaced traditional light source in many applications. LED is widely used in indoor lighting due to the increased realism of the naturally light effect. Under the same luminance, the electricity consumption of LED lighting is just 1/10 of incandescent and 1/2 of Fluorescent CFL tube.

Evergreen Power Limited (EPL) has teamed up with Hong Kong LED Research Inc. to develop top-of-the line LED tube with outstanding energy-saving capability. The result is a compact, beautiful and cost-effective LED series with colour temperature between 5500-6500K.

Applications: home, offices, market, supermarket, warehouse, hangar, workshop etc.
Operating environment: -20° C~ 40° C

Features

- Wide range of operating voltage between 110 or 230AC
- Wide applications from office to warehouse to supermarket
- Beamed light, better illumination, effective light output
- DC current driver ensures no jumpy frequency
- No Hertzian waves disturbance ensures consistent light output
- Wide range of color temperature between 5500-6500K available- close to nature light.
- Non-nocuous substance- ROHS approved.
- Durable and easy mounting
- Proven technology with lab tested lifespan of $\geq 40,000$ hours
- Energy saving
- Zero mercury- no potential Mg contamination unlike CFL tubes
- Return of initial investment from energy saving can be in **TWO years**
- 12 month warranty

Comparison between conventional CFL and LED tube

	Fluorescent CFL tube	LED Tube
Power	58W	30W equivalent
CRI Index	RA <65	RA>80
Lifetime	Approx. 6,000hrs	Tested 30,000hrs
Light Decay Rate	1000hrs: 3.2% 2000hrs: 8.6%	1000hrs: 0% 5000hrs: 3%
Environmental Pollution	Mercury 10-20mg	Zero Mercury
Radiation	Ultraviolet Radiation	No UV radiation
Response time	Light slowly (3-5secs)	Instant

PRODUCT NUMBER	TYPE	PHOTO	WATTAGES	OPERATING VOLTAGE	CCT	LUMINOUS FLUX	BEAM ANGLE
LED-GL-04	Bulb/ E27		4.8W	90-260	2500-3500K	2101lm	120°
					5500-6500K		120°
LED-GL-06	Bulb/ E27		6.9W	90-260	2500-3500K	2801lm	120°
					5500-6500K		120°
LED-GL-20W	T8 Tube		20W	90-260	2500-3500K	3201lm	140°
					5500-6500K		
LED-GL-15W	T8 Tube		15W	180-240	2500-3500K	4401lm	140°
					5500-6500K		
LED-CL-60	Flat Panel		55W	90-260	2500-3500K	2600lm-3000lm	
					5500-6500K		
LED-CL-20	Quad Panel		55W	90-260	2500-3500K	2800lm	
					5500-6500K		
LED-CL-20A	Quad Panel		50-65W	90-260	2500-3500K	3500lm	
					5500-6500K		
LED-CL-65W	Down light		65W	90-260	4500-6500K	3000lm	120°x70°
LED-CL-128W	Down Light		128W	90-260	4500-6500K	7000lm	110°x120°