

Eco Tubes

Outdoor 24 hour Lightintg

"The government says that if every American home replaced one light bulb with a compact fluorescent light bulb, we could save enough energy to prevent greenhouse gases equal to the emissions of more than 800,000 cars. Certainly great news, yet recycling burned-out CFL light bulbs poses a quandary for homeowners." -The Dallas Morning News, April 17, 2008

The lighting revolution is coming!

Eco Light Solutions Ecotube™ LED Fluorescent Lights are the next generation solution to replace conventional fluorescent light. They feature higher efficiency, more reliability compared to the previous generation.

Ecotube™ LED Max. 36VDC input, matching with a specific external power supply which is 100~277VAC input. With power supply placed outside, patented thermal control technology, and special designed aluminum housing, Ecotube™ LED substantially achieves good thermal property and plays more stable performance and of course will last up to 50,000 hours compared to 5,000 hours from conventional fluorescent lights.

Ecotube™ LED are CE certified and RoHS compliant. They are warranted for three year dated from purchase.

Ecotube™ LED adopt high efficient SMD LEDs, which makes them produce equivalent light intensity of 50 watts fluorescent lights at only 25 watts consumption (1.5m).

Ecotube™ LED are patented products; and the original chip and phosphor coating adopted for LEDs are both patented. So you do not need worry about patent infringement. Just choose Ecotube™ LED for illumination lighting, task lighting, display lighting and back lighting..



Eco Light
Solutions

Light your world
Color your life!

Features & Benefits:

- Patented product;
- Good light quality and good heat dissipation;
- High reliability;
- Low maintenance cost;
- Easy installation with no ballast & starter needed;
- Energy saving with low power consumption;
- Green and eco-friendly lighting source without mercury.

Recommended Applications:

- Illumination lighting for homes, offices, restaurants, hotels, malls, buses, trains, warehouses, parking lots etc;
- Task lighting for cabinets, cupboards etc in your homes, restaurants, and kitchens or any other places where accent lighting is required.
- Display lighting for the articles in your stores and shops;
- Back lighting for square billboards or advertisement boards.

EcoTubes™ for Illumination Lighting



SMD LED lighting source enables EcoTube™ LED to save at least 80% energy use versus conventional fluorescent lights, which would be an energy savings of incredible magnitude from a global perspective. EcoTube™ LED is worth the extra dough thanks to high reliability and longer life. Saving much off your energy bill and maintenance cost, why EcoTube™ LED? Get it real.



EcoTubes™ for Task lighting



Task lighting is required for visually intensive activities, such as reading, writing or some kitchen countertop activities. Good light quality of EcoTubes™ make your task lighting more effective. No more so many wasteful overhead luminaries to be used for your task lighting purpose. Only locating EcoTubes™ underneath your cabinets, shelves, office cubicles etc, you can achieve an ideal task lighting. Furthermore, the linear profile of EcoTubes™ is also unobtrusive to the design environment.



EcoTubes™ for Display lighting



Good light quality and low heat generation makes EcoTubes™ an “green” alternative for display lighting. No longer worried about heat damage to your valuable articles displayed in your counter. Of course, you will also be surprised at the ideal display effect brought by good light output of EcoTubes™.



EcoTubes™ for Back Lighting



EcoTubes™ is an excellent candidate for square large-area back lighting. Only a relatively small quantity of EcoTubes dropped in, a large billboard or advertising board can be well illuminated for your business purpose of improving products or brands fame. With installation cost and time saved, meanwhile EcoTubes™ helps you to explore the best advertising effect as well.



Limited Warranty

Three-year Limited Warranty. For more details, please refer to www.EcoLightsolutions/warranty.com

Ordering Information

Part Number	Description	Unit
T8-G2EPS-2ET	G2 EPS, T8, Natural White, 30LEDs, 0.6m, Max.36VDC, 120 degree, SMD LED, Dotted Lens	pcs
T8-G2EPS-4ET	G2 EPS, T8, Natural White, 60LEDs, 1.2m, Max.36VDC, 120 degree, SMD LED, Dotted Lens	pcs
T8-G2EPS-6ET	G2 EPS, T8, Natural White, 81LEDs, 1.5m, Max.36VDC, 120 degree, SMD LED, Dotted Lens	pcs

Physical Specifications

	HFL-8030N-060601-L3	HFL-8060N-120601-L3	HFL-8081N-150601-L3
Length	600 mm (1.96 ft)	1200 mm (3.93 ft)	1500 mm (4.92 ft)
Housing	Aluminum		
Cover	PC		
Tube Diameter	T8		
Base Type	G13		
Work Environment	Indoor use (applicable for dry environment)		

Electrical Specifications

	HFL-8030N-060601-L3	HFL-8060N-120601-L3	HFL-8081N-150601-L3
LED Quantity	30 LEDs	60 LEDs	81 LEDs
Power Consumption	9W±2W	18W±2W	25W±2W
Input Voltage	Max.36VDC (Input Voltage of External Power Supply: 100~277VAC)		
Power Factor	>0.95		
Lighting Source	SMD LEDs		
Operation Temperature	-20~40°C (-4~104°F)		

Optical Specifications

	HFL-8030N-060601-L3	HFL-8060N-120601-L3	HFL-8081N-150601-L3
Lumens	650~800 lm	1200~1400 lm	1800~2000 lm
Color Range	White		
Color Temperature	6000~6500K		
CRI	>75		

Beam Angle	120°
Lumen Maintenance	>98%@1,000hrs

www.EcoLightSolutions.com

Eco Light Solutions
1636 S Clementine St Anaheim ,Ca 92802
(714) 502-0280
Swerner@ecolightsolutions.com