



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Product Overview

Introducing the EverLED-VE™, the newest member of our family of 4 foot retrofit products. It was developed from our EverLED-TR™, the first commercially available LED T8 fluorescent tube replacement. The EverLED-VE™ utilizes the same clean, safe, and long-lasting LED technology, but is available at a lower price point.

Easy to install

Instantly make the transition to LED lighting technology. The EverLED-VE™ is a direct, "drop-in" replacement for standard fluorescent light tubes. The EverLED-VE's innovative patent-pending driver technology is compatible with virtually all standard fluorescent ballasts, eliminating the need for costly replacement or modification of existing fixtures.

Upgrading your failure-prone, environmentally hazardous fluorescent lighting system to solid state, LED technology is now as easy as replacing the bulb!



Features

Easy conversion to LED Lighting

- Works with existing magnetic and electronic ballasts
- Works with emergency backup ballasts
- Works with bi-level switching/tandem wiring

Environmentally Friendly

- Contains no toxic lead, mercury, or phosphors
- No glass
- Recyclable

Saves Money

- 10 year life expectancy
- Significantly lowers maintenance and energy costs
- No hazardous material disposal costs

High Quality & Performance

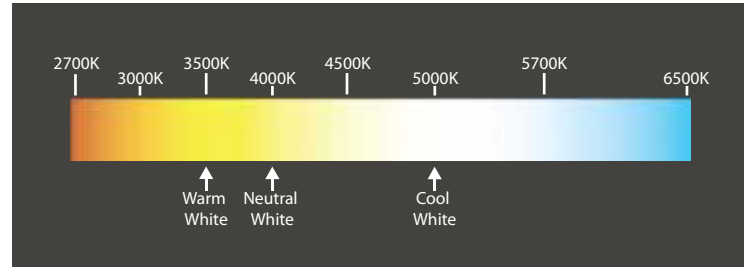
- No burn out failure
- No flicker or stroboscopic effect
- Instant on
- Dimmable
- Works well in cold temperatures down to -40°C
- No reflector light loss
- 100% designed and manufactured in the USA
- High-performance LEDs
- No degrading UV

Specifications

- Light output/lumens typical 1900 lm
- Typical power, 20W
- Lumens per watt (efficacy) up to 94lm/W
- 5 year standard warranty
- Color Rendering Index (CRI) typical, 75 or 85
- 3 standard color temperatures: 3000K, 4000K, and 5000K
- Other color temperatures available upon request
- Works in T8, T10, and T12 bi-pin applications

Typical Applications

- High use environments
- Hard to reach, high maintenance cost areas
- Commercial and industrial lighting
- Laboratories and research environments
- Hospitals and medical environments
- Museums and galleries
- Colleges and universities
- Office buildings
- Municipal buildings
- Hotels and hospitality suites
- Warehouses
- Parking garages
- Refrigerator and freezer cases
- Retail signs and displays



Part Number Identification

The part number system is explained below:

ET8A48BCC

Where:

- ET8 Designates the EverLED product ID for an EverLED tube, T8 size
- A Designates tube type (V for EverLED-VE)
- 48 Designates the tube length in inches
- B Designates CRI value (7=75 typ, 8=85 typ)
- CC Designates color variant (30=3000K white, 40=4000K white, and 50=5000K white)

Specifications for EverLED-VETM

Model #	ET8V48830	ET8V48840	ET8V48750
Watt Rating (typical)	20W	20W	20W
Lumens (Initial)	1900	1900	1900
Color Rendering Index	85	85	75
Color Temperature	3000K	4000K	5000K
Life	0% failure to rated life	0% failure to rated life	0% failure to rated life
12 hours Per start	Ten years	Ten years	Ten years
3 hours Per start	Ten years	Ten years	Ten years
Light Output at 0°C	20% increase	20% increase	20% increase

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Specifications subject to change without notice. Patents Pending April, 2014 - Rev 2.5