



Introducing CM LED tube lighting!

As we all become increasingly aware of our environmental impact, our interest in energy efficient lighting options is continually increasing. Both consumers and businesses are interested in lighting solutions that reduce energy consumption while saving costs. LED tube lighting offers that option that may be attractive to many business consumers.

An LED is a light-emitting diode, which is a small semiconductor, like a computer chip that lights up when conducting electricity. Traditional incandescent light bulbs light up as a result of a heated filament, which requires a lot of wasted energy. But since most of the energy that passes through LEDs is converted into light, they are far more efficient than their incandescent and CFL counterparts.

Furthermore, LEDs do not present the potential environmental and health risks that fluorescent lights do. Many fluorescent lights contain mercury, which is highly toxic. While CFLs usually only contain small amounts of mercury, any exposure to mercury is a potential risk. Also, improperly disposed CFLs potentially lead to long-term health and environmental risks as the mercury builds up in landfills and nearby groundwater. Many CFLs are also coated with a phosphor coating that can pose risks for breakage and disposal.

If you have worked in an office, warehouse, or other work site that relies on fluorescent tube lighting, then you are familiar with the irritating and distracting effect of constant flickering that fluorescent tubes can pose. In some cases, some people can experience vision and eye problems as a result of extended exposure to fluorescent flickering.

Tube lighting from LEDs, on the other hand, is flicker-free.

LED tube lighting is presents an energy efficient and environmentally friendly option for most businesses and consumers. The upfront costs for LED lighting may be higher than other options, but the long term savings and benefits potentially far outweigh those initial costs.

Furthermore, the ROI on the LED tube lighting pays for itself in less than two years in most cases. This means you would make your investment back in two years itself and the remainder of the warranty is pure cost savings as well as the usage you would get long after the warranty period.

In addition to all of these benefits, your company may qualify for carbon credits saving you a close to another 10%!

At a Glance

CM's Light Emitting Diode (LED) Tube Light Series saves energy and lasts a long life.

Environmentally Conscious

Energy efficient, lead free, and long life means fewer lamp replacements vs. standard Tube Light and incandescent light sources.

Outstanding Energy Efficiency

Compared to standard Incandescent light sources, our LED Tube Light Series are reduce energy consumption by 70%-80%. The lamps' optics concentrates light on the target, diminishing wasted extraneous light and increases the CBCP.

Long Life and labour free

The LED tube delivers 70-80% of initial light output even after 50,000 hours.

Better for Health

Since LED doesn't flicker or contain mercury and does not emit radiation.

Various Tubes

T8 is our standard series. T5 and others are available depending on volume.

Various Colors

Cool White (5000-10000K)

Neutral White (3700-5000K)

Warm White (2600-3700K)

Excellent Color Rendering

Cool White: CRI > 70

Neutral White: CRI > 75

Warm White: CRI > 80

Example Investment

If a company spends 100,000 in obtaining LED tube lights for their office, the energy savings based on recent data would show the investment being recovered within 2 years in almost all cases. This translates to a savings of about 50,000 per year. Under the 3 year warranty period, you would not only get your money back but earn an extra 50K in the process. Under the 5 year warranty plan, the earnings from switching to LED would be 150,000!

Product Specifications (specifications can be customized by application)

LED Tube Light 4 Foot Clear Lens

Wattage: 15W

Lumens: 1500lm

Color Temperature: Warm White- (2,700K-3,200K)

Natural White- (4,000K-4,500K)

Day White - (5,500K-6,000K)

Cool White- (7,000K-7,500K)

CRI: 80

Dimensions: 4ft (L)

Lighting Angle: 90-120 degrees

Life Hours: 50,000+ hrs

LED Count: 300 LED's

Length/Base: T8

Housing Temperature: Less than 95 deg F

Ambient Temperature: -20 to 113 deg F

Replaces: 32-45W T8 Fluorescent

Working Voltage: AC 120V-277V

Net Weight: 0.4KG (0.88 lbs)

Features:

Available in frosted or clear lens in warm white, day white, natural white and cool white. Features aluminum heat sink, 300 LED's, no UV, patented heat sink and optical diffuser, longer life than incandescent and fluorescent tubes. Mercury-free, no ballast required, wide voltage and constant current design, solid state, high shock and vibration resistant, 50%+ savings in energy consumption, no noise, no flickering. The products are in accordance with ETL and UL testing standards. Retro-fit kits available for direct replacement of fluorescent fixtures.

