

TECHNOLOGY BY / **GT BIOMESCILT LIGHT** / GERMANY

Solid State Lighting LED Retrofit Tubes




**lighting
facts**
LED Product Partner



Advantages of Going **LED GREEN™**

It's Never Been Easier...

The **LEDGREEN™** LED light tube is a solid state lighting product that replaces conventional fluorescent lights, while utilizing your existing fixtures. Virtually maintenance free, this is a viable alternative to old, and wasteful fluorescent lights. Available in 2', 4', 5', 6', 8', A Genuine UL Classified Retrofit Conversion Kit.

Energy Efficient: Easily replace fluorescent lighting products with LED replacement products. Up to 75 % reduction in power consumed.

Extra Long Life Span: Up to 50,000 hours of typical use depending on working environment.

Environmentally Friendly: RoHs, Contains no dangerous chemicals, mercury, phosphorous powders, and is easily disposed of.

Low Maintenance: No ballast needed, eliminates ballast noise, and interference. No more ballast, and fluorescent tube change-outs.

Durable: Withstands frequent switching and is cold temperature compatible -40° C to + 60° C and works well with occupancy sensors, photo sensors and control systems.

No Noise and No Flicker: Instant start for healthy living. No disruptive hum, no flicker. No strobe light effect.

Our Lights are Easy on the Eyes: Energy saving while maintaining a pleasant work environment. Available in a variety of color (kelvin) temperatures. LED lighting is easy on the eyes and provides a better environment to work and play under.

Easy Disposal: No restrictions, ordinary trash disposal.

Low Heat Generation: Lowers A/C demand, less energy wasted producing heat.

Versatile: Use anywhere fluorescent lights are presently used. For damp and dry locations. Range voltage 120 volt - 277 volt AC.



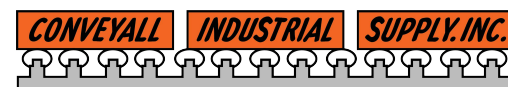
Patented Safety Switch



UL Classified US & Canada



Heat Sinking Enclosure



LEDGREEN™ Luminaire Retrofit Conversion Kit Specifications

Sizes	2 ft	3 ft	4 ft	4 ft	5 ft	8 ft
Qty of LED	70	84	140	140	175	280
Type of LED	Surface Mount Diode (smd)					
Voltage (V)	12 DC - 120V/60 Hz - 277V/60 Hz - 220V/50Hz					
Ballast	No Ballast Required					
Wattage	8W	12W	15W	22W	18W	36W
Efficacy lm/w	107	103	103	102	103	97
Lumens	859	1234	1563	2245	1857	3476
Life Span	50,000 Hours (depending on working environment)					
Beam Angle	120°	120°	120°	120°	120°	120°
CRI	70 +					
THD %	< 20%					
Working Temp C	-40 ° C - +60 ° C					
Color Temp (K)	Warm White (3000 k - 3500 k) Commercial White (4100 k - 4500 k) Daylight (5000 k - 6000 k)					
Tube Size	T9					
Tube Material	Extruded Aluminum Enclosure/ Poly-Carbonate Lens					
End Cap	Plastic Nylon End Caps With Safety Switch (both ends)					
Pin Configuration	Bi Pin					Single Pin

Product Features

The **LEDGREEN™** Retrofit Conversion product (Light Tube) features 70-280 (depending on model) surface mount LED's mounted on a high quality circuit board. Each LED package has (3 Dice) configuration for optimum light output. Our **LEDGREEN™** product is housed in an extruded aluminum case, and a durable non yellowing poly-carbonate lens available in clear and frosted. Our extruded aluminum enclosure provides state of the art heat sinking qualities to insure a long LED lifecycle, as well as unsurpassed durability. Our patented end cap safety switch ensures a safe install and safety for the unintentional installer as well as a good fit in all fixtures.

We design and manufacturer our own integral LED drivers using German Engineering by [GT Biomesclt Light](#). GT BiomeScilt Light as the wholly owned subsidiary of Gebrüder Theile, a privately owned group of companies established in 1848 that has been focusing on environmental products, whether in the area of clean water technology, energy saving illumination or regenerative energy, we inherit the same principle of diligence, service awareness, and value added designing, research and development of our products. Our innovative design, commitment to quality and high experience level and a technology that is consistency ahead of our competition.

Use **LEDGREEN™** Conversion Kits to convert expensive to operate, and maintain fluorescent lamps. Our quality light is great to work and play under. Our products will save energy and our valuable natural resources as well as drastically reduce your carbon footprint.

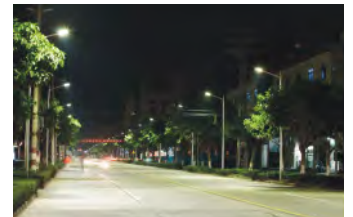
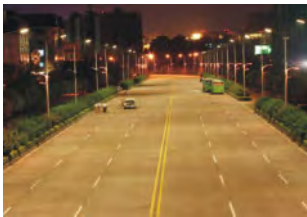
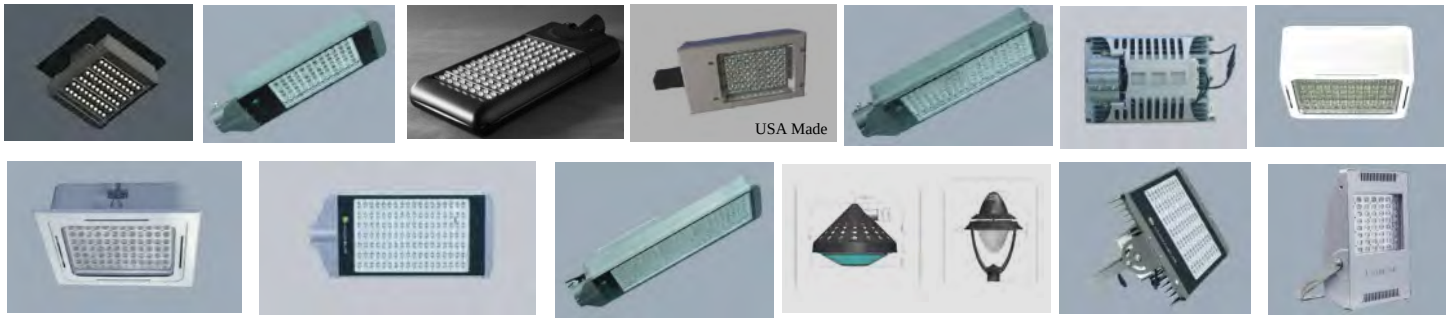
All of our LED Retrofit Conversion products undergo strenuous testing prior to leaving our manufacturing facility. **LEDGREEN™** is a Genuine UL Classified Retrofit Conversion products, and is suitable for all dry and damp locations. Purchase with confidence and safety assured. Why settle for anything less? Backed up by our 3 year comprehensive OEM warrantee. UL Certified, ULC Certified, CE, RoHs, FCC certifications as well as LM 79, LM80 and Photometric Testing.

Other Product Lines

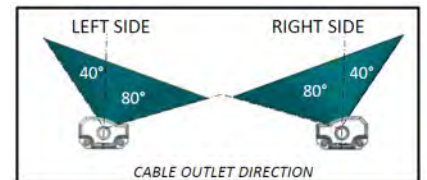
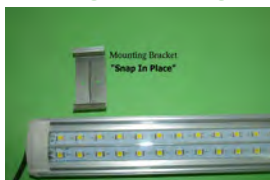
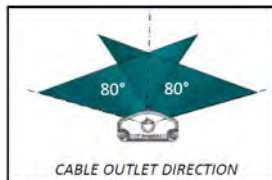
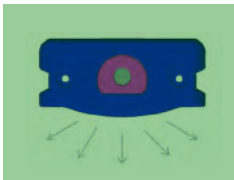
Parabolic Lamps, Screw In Lamps, Floods, Grids and Down Lighting



LED Outdoor Street lighting, Canopy and High/Low Bays



Cold Storage Refrigeration Lighting



Strip Lights



HPS/MH lamp Replacement



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