



THE OFFICE  
LIGHTING RETROFIT  
EXPERTS



## About Us

ThinkLite is a global lighting efficiency company that custom designs, manufactures, distributes, and installs energy efficient retrofit solutions. Our efficient lighting products leverage advanced LED and Induction technologies that specifically adapt to existing infrastructures.

ThinkLite retrofit solutions often let you keep your current fixture, saving money on energy, maintenance and disposal.

Our unique manufacturing capabilities enable us to retrofit most existing fixtures.

ThinkLite's clients span 14 different countries and range from local delis to Fortune 500 companies.

- Why change the entire fixture when you can just change the lamp?
- Most of the time, it is only the lamps and ballast that are obsolete and inefficient. Most fixtures are in good shape, and **do not need to be changed.**
- In most LED and efficient lighting upgrades, up to **80% of the cost is associated with a new fixture.**
- At ThinkLite, we specialize in creating a replica of the **existing light bulb**, such that only the lamps will need to be replaced. This is a **plug-and-play solution** which allows the **existing fixtures to be maintained.**
- Reduce energy consumption by up to 60%, by retrofitting LED and Induction lamps into the existing fluorescent and HID fixtures.
- As a result of keeping the existing fixtures intact, the average breakeven of a ThinkLite LED project is 2 years, versus the industry average of 5 years.

## ReThink. ReLite.

## Notable Clients



## Certifications

ThinkLite Products have the following certifications:

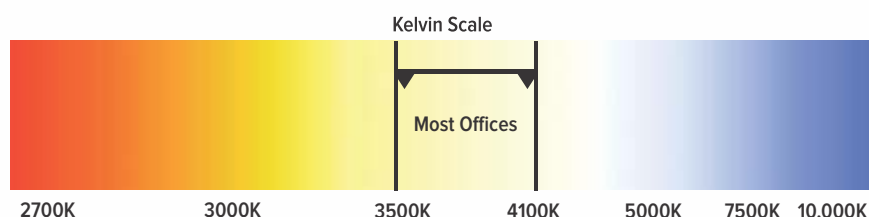


- All solutions provided by ThinkLite are eligible for **utility rebates** wherever applicable.
- All ThinkLite Products are manufactured and assembled in plants that conform to ISO 9001: 2008 standards.
- LM79, LM80 and original IES files for all products available upon request.

# Why change the entire fixture when you can just change the lamp?

## Quality Lighting For A More Productive Work Environment

- Color Rendering Index (CRI) is a measure of the quality of light.
- High CRI lighting reduces glare on computer screens and strain on the eyes.
- ThinkLite lamps have the industry's highest CRI ratings, making them ideal for the offices.
- Color of light is also important in offices. ThinkLite lamps can be customized in any color on the Kelvin scale, ensuring the perfect color match for each office based on layout, ceiling height and preference.
- Fluorescent tubes are constantly flickering causing unnecessary strain on the eyes. This leads to employees feeling fatigued and becoming lethargic over time.
- Fluorescent lamps emit UV rays, which can be harmful over long periods of time.
- ThinkLite LEDs prevent these issues by producing a steady UV-free light.



### ThinkLite LED Driverless Technology

- All LED lamps require a driver to power the LEDs (similar to how fluorescent lamps need a ballast).
- The driver creates heat, limiting the light output and longevity of the LEDs it powers.
- ThinkLite LED tubes use proprietary driverless LED technology.
- This driverless technology allows ThinkLite LED tubes to be the first to finally produce a tube that outputs as much light as a brand new fluorescent lamp (**131 lumens/watt**) while lasting for 65,000 hours.



#### Traditional Driver

- 156 components on circuit board generate significant heat



#### ThinkLite AIC chip

- Produces 70% less heat than driver
- Elimination of driver creates room for maximum surface area heat sink with better heat dissipation

#### TL LED T8 Optimized Heat Dissipation System

Typical hollow heat sink design to accommodate driver



Enhanced heat sink with advanced thermal management capabilities enables higher efficacy

# The World's Most Efficient

## TL LED Retrofit Kit consists of:

- TL LED Source
  - G90 Tombstone Sockets
  - Independent Optical System
- This solution prevents "snap-back" and is categorized as a retrofit kit
  - 131 lumens per watt; 93+ CRI
  - Available with dimming capabilities
  - Available with internal battery supply for emergency fixtures
  - Instant on/off
  - 5 year warranty; 65,000 hour lifespan



# Efficient LED Retrofit Kit

G90 tombstones  
included in each kit



## Additional Parts Needed



DLC listed as a retrofit kit  
(2x2, 1x4, 2x4, lowbay  
and highbay)



Simpler and quicker installation  
than traditional kits



Qualifies for all retrofit  
kit incentives



No need to replace existing  
fixtures, covers, lenses etc.



# ThinkLite LED Panel



50%

Less energy  
than fluorescent

95+

CRI




- ThinkLite's LED panel is a perfect replacement for almost any fluorescent fixture
- Available in various sizes including 2x2, 1x4 and other custom dimensions
- Emits and radiates 90% less heat than a fluorescent fixture
- Perfect for new constructions, data centers, hospitals and offices

## ThinkLite LED PL Lamps



- Up to 60% less energy than a fluorescent
- One-for-one replacement
- Bypass existing ballast
- Plug-n-play solution into existing sockets

# Fluorescent Tubes Vs. ThinkLite LED Tubes

	 <b>Fluorescent T12, T8 and T5 Tubes</b>	 <b>ThinkLite LED T12, T8 and T5 Tubes</b> 
Technology	Fluorescent technology	ThinkLite Driverless LED Technology
Wattage	Varies	40-60% less than fluorescent
Average Lifespan	18,000 hours	65,000 hours
Lumen Depreciation and Color Loss	40% over lifetime	5% over lifetime
Instant On/Off (Motion Sensor)	Yes- Reduces lifespan of ballast	Yes- does not affect lifespan
Color Rendering Index (CRI)	78	93
Additional Details	–	<ul style="list-style-type: none"> <li>• Available in all sizes from 2 ft to 8 ft</li> <li>• Matches color and brightness of a brand new fluorescent</li> <li>• 1-for-1 direct replacement</li> </ul>



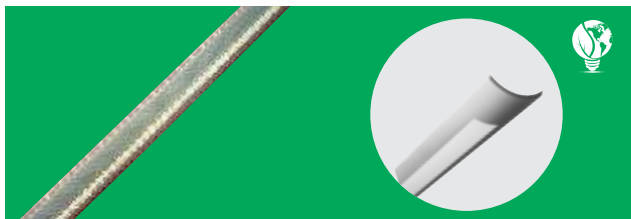
## Opaque LED Tube

- Recommended for parabolic light fixtures
- Ensures a glare-free environment



## Clear LED Tube

- Recommended for prismatic lens light fixtures or indirect fixtures
- Ensures a well-lit workplace



## Dual Shine LED Tube

- Recommended for fixtures that have both direct and indirect light
- The only LED tube in the market to emit light from both sides



## U-Shape LED Tube

- 1-for-1 direct replacement for u-shaped fluorescent tube



*Dunkin Donuts World Headquarters, Canton MA*



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