



ThinkLite

ReThink. ReLite.

FITNESS LIGHTING SOLUTIONS



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.

ReThink. ReLite.

- 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.

Notable Clients



“

The lighting is a lot better and will certainly save money. Some of my members noticed the lighting difference immediately upon entering the facility.

I had posted about it on Facebook, so some members knew about the lighting change, but the ones who didn't know it was happening could tell a difference right away

-Jim Buck, Anytime Fitness Owner, (Clinton, MA)”

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?

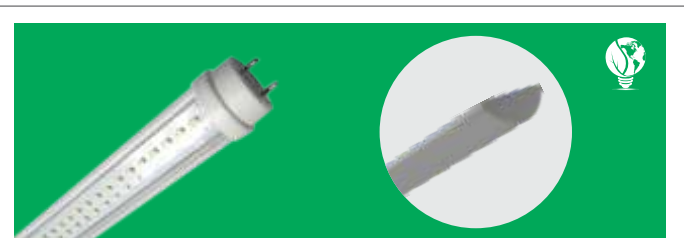
Health Benefits

- Fluorescent tubes are constantly flickering. This causes unnecessary strain on the eyes and 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 LED prevent these issues by producing a steady UV-free light.



Opaque LED Tube

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



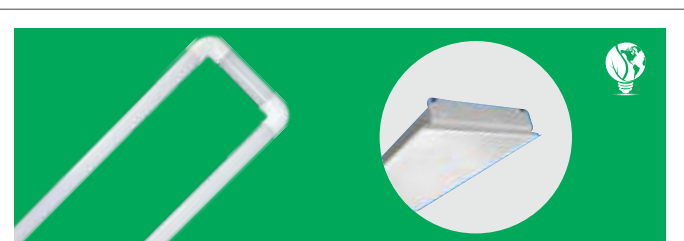
Clear LED Tube

- 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

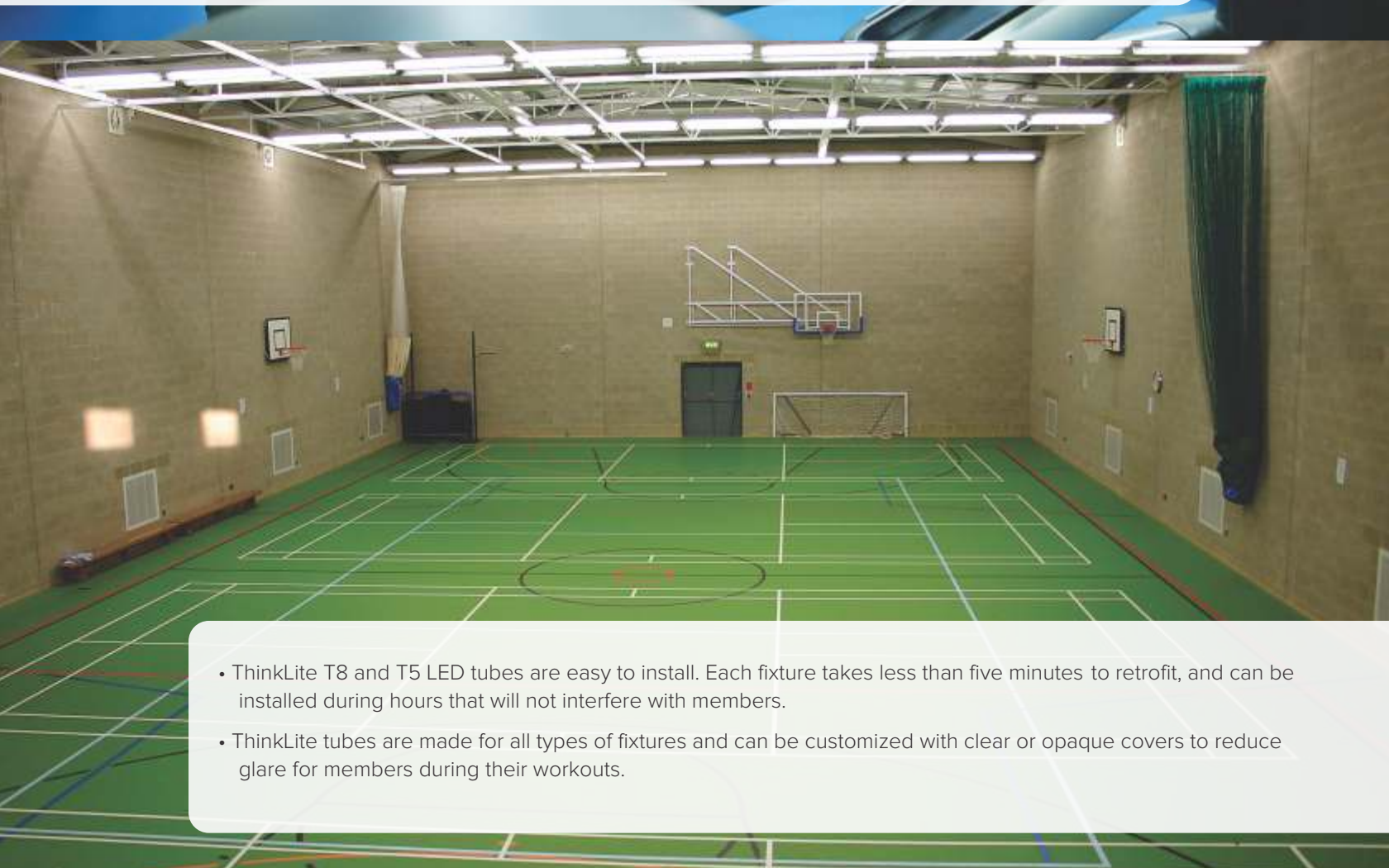


U-Shape LED Tube

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






- ThinkLite lamps have the ability to be switched on and off instantly, without affecting their lifespans unlike fluorescent and metal halide lamps, thus allowing the introduction of motion sensors and/or timers.
- Dimming options include TRIAC and 0-10V Lutron. These options are commonly used in conjunctions with motion sensors to optimize savings.
- Backup power supply keeps lights on for up to three hours in case of a power failure.



- ThinkLite T8 and T5 LED tubes are easy to install. Each fixture takes less than five minutes to retrofit, and can be installed during hours that will not interfere with members.
- ThinkLite tubes are made for all types of fixtures and can be customized with clear or opaque covers to reduce glare for members during their workouts.

Technology Comparison

| |  Fluorescent T12, T8 and T5 Tubes |  ThinkLite LED T12, T8 and T5 Tubes  |
|-----------------------------------|--|---|
| 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 |
| Sharpness of light (CRI) | 78 | 93 |
| Additional Details | <ul style="list-style-type: none"> • Causes glare • Often leaves dark spots | <ul style="list-style-type: none"> • 1-for-1 direct replacement • Available in all sizes from 2 ft to 8 ft • Can match color and brightness of a brand new fluorescent • Vapor tight fixtures pre-wired for ThinkLite LED tubes available |

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

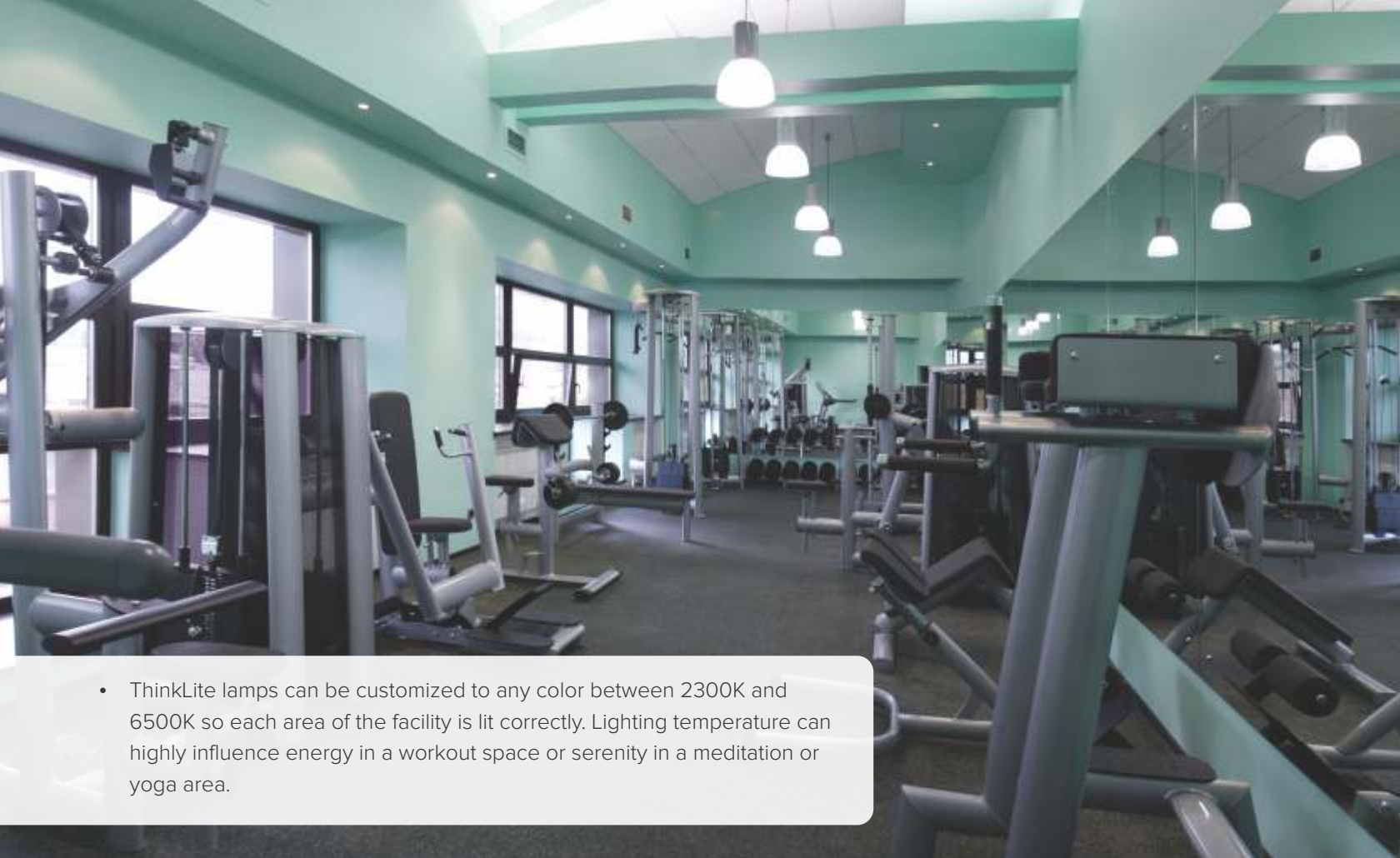
- Produces 70% less heat than driver
- Elimination of driver creates room for maximum surface area heat sink with better heat dissipation

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






- ThinkLite lamps can be customized to any color between 2300K and 6500K so each area of the facility is lit correctly. Lighting temperature can highly influence energy in a workout space or serenity in a meditation or yoga area.



- ThinkLite Induction and LED retrofits last up to 5X longer than their energy inefficient counterparts, reducing maintenance costs and time spent on replacing lamps, which can be very expensive.
- T5 tubes are most often seen in ice rinks across the country. ThinkLite HO T5 LED retrofit tubes will reduce the energy consumed by 60% while increasing the brightness of the facility
- No Glare
- TL products have high CRIs which making fast moving objects, such as hockey pucks, easier to follow

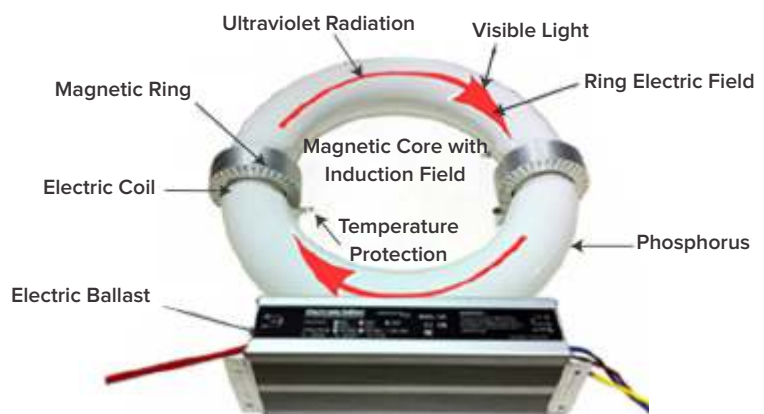
Technology Comparison

| |  Metal Halide |  ThinkLite Custom Induction Retrofits |  ThinkLite LED Retrofit |
|--------------------------|---|--|---|
| Technology | HID | ThinkLite Induction | ThinkLite LED |
| Wattage | Varies | 50% less than Metal Halide | 60% less than Metal Halide |
| Average lifespan | 20,000 hours | 100,000 hours | 50,000 hours |
| Lumen depreciation | 40% over lifetime | 15% over lifetime | 5% over lifetime |
| Sharpness of Light (CRI) | 85 | 90 | 93 |
| Instant on/off | ✗ | ✓ | ✓ |
| Adjustable beam angle | ✗ | ✓ | ✓ |
| Additional details | None | <ul style="list-style-type: none"> • Glare free • 1-for-1 replacement for HID lamp and fixture • Even distribution of light | <ul style="list-style-type: none"> • 1-for-1 direct replacement for HID lamp and ballast • Even distribution of light |

Induction: The best kept secret in lighting

ThinkLite Induction Technology

- Uses magnetic waves and phosphorus to create light.
- Phosphorus compound allows for highest industry CRI (90) and efficacy (**110 lumens/watt**).
- Magnetic coils designed with high surface area for maximum heat dissipation increase reliability and longevity of lamp.
- Temperature protection technology helps lamp maintain optimal operating temperature at all times.





ThinkLite

ReThink. ReLite.

Tel: (617)-500-6689 | www.ThinkLite.com/Fitness