



# THE EXPERTS IN TENNIS COURT 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.

- 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



“From our first introduction to ThinkLite in mid-2012, through to the complete install and full operation of our new lighting in early 2013, we've been very pleased with the entire process and particularly the outcome. The new lights are attractive and produce the level of light needed for our players. Now that the installation is complete we are looking forward to the energy savings that will accumulate year after year.

-Keith (Manchester Athletic Club)”

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

## Lighting Quality

- Bright lighting is important on tennis courts, however glare can interfere with the game.
- ThinkLite Induction and LED lamps produce a soft yet bright white light that eliminates hot spots and glare.
- A higher CRI (Color Rendering Index), a measure of the sharpness and clarity of light, makes it easier to see fast moving objects such as a tennis ball. ThinkLite products all have the highest CRI in the industry.
- Older club members especially appreciate brighter and better quality lighting.

“Quality lighting improves the players' experience

– John Capron,  
President of Seacoast Tennis”

## 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.

## Before & After Result



- 54W HO T5 fluorescent






- 26W ThinkLite LED T5 tube
- 60% less energy
- 15% brighter

*Waltham Athletic Club, Waltham MA*



“That's amazing! It took less than six minutes to retrofit one fixture!  
 – Lou Franchi, Waltham Athletic Club”

	 <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	-	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>• World's brightest LED Tube <b>(131 lumens/watt)</b></li> <li>• Available in all sizes from 2ft to 8 ft</li> <li>• Matches the color and brightness of a day one fluorescent</li> <li>• 1-for1 direct replacement</li> </ul>

## 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

“We were also able to save 60% in our lobby, locker rooms, offices and fitness area by using ThinkLite LED tubes across the entire facility

– Myke Farricker, Natick Raquet Club”

## Before & After Result



- 1000W metal halide

“Rainbows are beautiful, but not on your courts  
– Mike Anderson, VP of Sales, ThinkLite”



- 600W Hammel Lite
- 40% less energy
- 15% brighter

*Longfellows Club, Wayland, MA*

“ I am thrilled with the light quality and looking forward to eliminating the annual maintenance issues associated with metal halide lamps which depreciate and change color so quickly

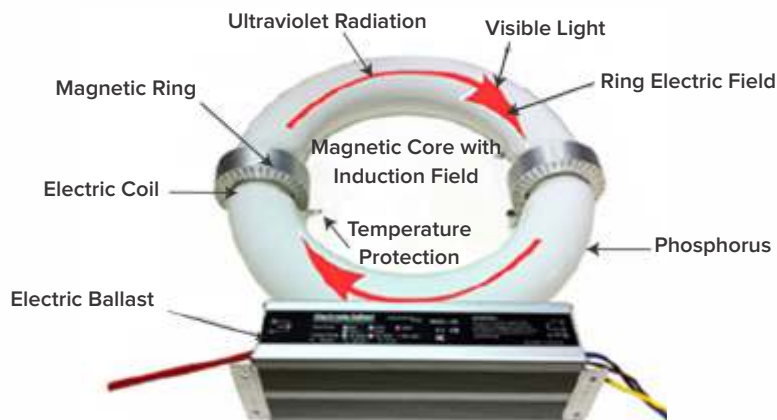
– Justin Lundbergh, President, Westboro Tennis Club ”

	 Metal Halide	 HammeLite 	 LED Retrofit 
Technology	HID	ThinkLite Induction	ThinkLite LED
Wattage	1,000W	600W	450W
Average lifespan	20,000 hours	100,000 hours	50,000 hours
Lumen depreciation	40% over lifetime	15% over lifetime	5% over lifetime
Instant on/off	✗	✓	✓
Dimmable	✗	✓	✓
Motion Sensor Compatibility	✗	✓	✓
Adjustable beam angle	✗	✓	✓
Sharpness of Light at high speeds (CRI)	85	90	93
Additional details	-	Certified glare-free by tennis pros across the US	1-for-1 direct replacement for HID lamp and ballast

## 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.





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I highly recommend ThinkLite's solution and encourage you to give me a call and/or swing by our club any time to see our new lighting system for yourself. Our members are very happy with this new lighting system.

-Laury (Longfellow Tennis Club)

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