

Fitness Center Pumps Up Energy Savings with LED Lighting by MaxLite

MaxLite[®]
A NEW WAVE OF LIGHT

CASE STUDY



Photos by Scott Evers

After: The interior's red-white-and-blue palette pops under the light of MaxLite FlatMAX LED Edge Lit panels

American Fitness, a health club and fitness center in Troy, Illinois, celebrated its tenth year in business in 2016. In conjunction with that happy milestone, club owners Vito and Danette Viviano wanted to refresh the interior of the facility by installing new lighting. Since the club is open to its members 24/7, saving energy and reducing operating costs was a key goal of the renovation. Additionally, the Vivianos wanted to create a more evenly lit and energizing atmosphere that would motivate club members to reach their health and fitness goals.

Independent MaxLite representative agency Cool City Lights of Glen Carbon, Illinois worked with American Fitness on a facility-wide conversion to LED that would accomplish these objectives. In a one-to-one exchange, the 400-watt metal halide pendants that hung above the cardio machines and strength-training areas were replaced with 37 MaxLite 2' x 2' 40-watt Edge Lit Panels. The panels' smooth light output and excellent color rendering immediately brightened the space and made the reds and blues of the paint, rugs and fitness equipment pop.



Before: 400W metal halide fixtures were expensive to operate and maintain

Over the shake and smoothie bar, 50 fluorescent fixtures were re-lamped with MaxLite 4' 18-watt LED T8 Lamps using a simple ballast bypass. Unlike their fluorescent tube counterparts, the LED lamps turn on instantly and provide flicker- and buzz-free light that reduces eye fatigue and enhances the visual comfort of club staff and members.

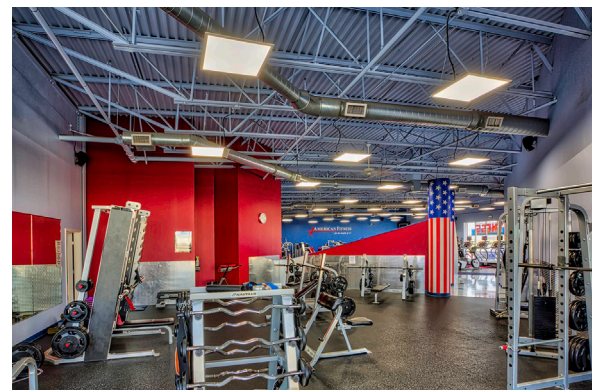
By converting to LED, American Fitness will cut its energy consumption by 150,000 kWh and save \$15,000 annually.



“We are completely thrilled with our new lighting! Our lighting before was too bright to have all of the lights turned on at the same time. This made the lighting too bright in some areas and dim in others, not to mention the cost of having them on 24/7.

“The new LED lighting gives the club a more subtle, softer and more even light throughout the club. We’ve received many positive comments from our members. We wish we had done this a lot sooner!”

- Vito Viviano, owner, American Fitness



MaxLite

MaxLite has been committed to providing energy efficient lighting products for more than 20 years, and was one of the first movers into LED technology in the industry. A four-time ENERGY STAR[®] Partner of the Year, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires.

MaxLite[®]