After: Purple benches and yellow walls pop under the light of FlatMAX LED panels

“Before the renovation, the lighting was dark and dingy, and we were always having to replace bulbs. The new LED lighting gives the facility a much brighter, cleaner look. Our members noticed the difference right away. They kept asking what we did differently!”
- Christine Frech, General Manager, Our Health Club and Spa

Our Health Club and Spa, a full-service fitness center and spa in Glen Carbon, Illinois, wanted to improve the overall look of its facility and reduce energy and maintenance costs by updating the club’s lighting system to LED.

Local energy-efficient lighting specialist Cool City Lights installed a variety of MaxLite LED lamps and luminaires during the renovation, which took place in March 2016. FlatMAX LED Edge Lit panels were selected for general lighting throughout the 15,000-square-foot facility because of the products' slim installation depth, high efficacy and even light distribution. The 36-watt, 2’x2’ model replaced 400-watt metal halide fixtures in the spacious cardio area and weight room, while 45-watt, 2’ x 4’ panels were chosen to replace fluorescent fixtures in the spa and salon.

The existing fluorescent linear fixtures in the club hallways, locker rooms and offices were retrofitted with MaxLite 18-watt LED Linear T8 tubes using a simple ballast bypass. Compact fluorescent downlights in the main reception area and group fitness studio were also converted to LED using MaxLite’s 14-watt 6” recessed retrofits that were installed into the existing cans.

The indoor pool and hot tub area required lighting that would be water repellant and resistant to humidity, making MaxLite’s IP66-rated, 50-watt Vapor Tight fixtures the natural choice for the job. On the exterior of the building, the 100-watt metal halide security lights were swapped for MaxLite 15-watt LED Architectural Security Lights.

By converting its system of metal halide and fluorescent lighting to LED, Our Health Club and Spa has reduced its annual energy consumption by 120,000 kWh, for approximate savings of $10,200.

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.