



THE PROJECT

- Business name: Menifee Valley Athletic Club
- Business type: Fitness
- Business location: Menifee, Calif.
- Installation areas:
 - Main area
 - Dance Room
 - Basketball court
 - Pool
 - Exterior parking lot

Menifee Valley Athletic Club is a fitness facility in Menifee, Calif. In 2013, the staff at the fitness facility made the decision to go with new LED lighting products from Seesmart, Inc. for more efficient and brighter lighting.

THE REQUIREMENTS

The lighting at Menifee was extremely poor before the retrofit. The staff at the fitness facility was hoping for energy savings and better quality lighting throughout the facility.

THE PRODUCTS

The previous inefficient lighting consisted of high bays and tube lights used for general illumination in the interior of Menifee Fitness. The exterior parking lot also needed more-efficient street lighting. These older conventional fixtures were replaced with 44 LED lighting products from Seesmart.

Seesmart's 15-watt LED tube lights and 100-watt LED high-bay fixtures were installed in the interior of Menifee Valley Athletic Club. This included the gym, pool, basketball court, dance room and main fitness area. Seesmart's 125-watt LED cobra head streetlights were also used in the parking lot for brighter illumination.



200732

Seesmart LED Tube Lights

SKU: **200732**
 Wattage: **15 watts**
 Lumen output: **1,800 lumens**
 Color temperature: **4,000-4,500K**
 Working voltage: **120-277VAC**
 Lens/reflector style: **Clear**
 L₇₀: **50,000 hrs**



120001

Seesmart LED High Bay

SKU: **120001**
 Wattage: **100 watts**
 Lumen output: **7,527 lumens**
 Color temperature: **5,500-6,000K**
 Working voltage: **120-277VAC**
 Lens/reflector style: **Aluminum**
 L₇₀: **50,000 hrs**



190104

Seesmart Cobra Head Streetlight

SKU: **190104**
 Wattage: **125 watts**
 Lumen output: **11,634 lumens**
 Color temperature: **5,500-6,000K**
 Working voltage: **120VAC**
 Lens/reflector style: **Clear**
 L₇₀: **50,000 hrs**



SEESMART CUSTOMER: MENIFEE VALLEY ATHLETIC CLUB

THE RESULTS

- Annual energy savings: **\$11,119**
(interior and exterior combined)
- Carbon footprint reduction: **70,297 lbs/yr**
(interior and exterior combined)
- Retrofit perks:
 - Reduced maintenance
 - Reduced energy use
 - Cleaner, brighter appearance
 - Dramatically increased light levels

The Seesmart facility retrofit returned big results. The interior alone had an annual energy savings of \$9,019. The annual energy savings for the exterior was \$2,100. That added up to a combined savings of \$11,119 a year.

The overall lighting impact was dramatic. The interior had a 30% increase in light levels. The exterior color temperature went from 1,700 to 5,500K. The annual carbon footprint reduction was 10,017 pounds for the exterior and 60,280 pounds for the interior, totalling 70,297 pounds per year.

The owner and staff at Menifee were delighted with the results of their lighting retrofit. The owner said, "This is how I envisioned our gym looking." Under Seesmart's LED lighting, the fitness facility looks great, requires less maintenance, and uses far less energy than before.

LIGHTING REQUIREMENTS	INSTALLATION RESULTS
Better visual acuity	Increased light output and color temperature
Long-lasting	50,000 hours
Annual savings	Estimated annual savings: \$11,119
Energy savings	Carbon footprint reduction: 70,297 lbs/yr
Financial savings (ROI in months)	28 interior, 54 exterior



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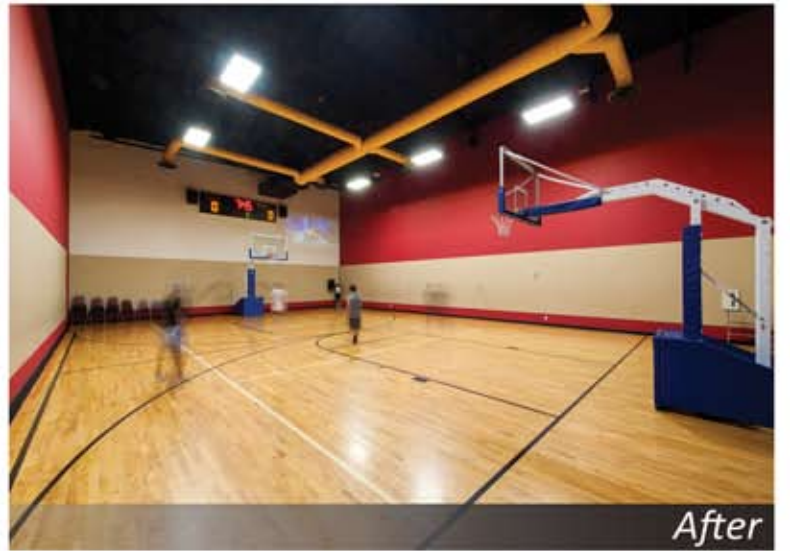
After



After



After



After



After



After