

Tarkanian Basketball Academy • Las Vegas

Sports facility reduces maintenance and greatly improves light quality with LightEdison.

LightEdison delivers an ideal turn-key LED lighting solution for sports academy organization.

Challenge

Tarkanian Basketball Academy's legacy lighting system was causing low light conditions throughout the gymnasiums raising safety concerns as well as impacting the customer experience. Given the ceiling heights and full practice schedules, maintenance of the existing system was becoming overly burdensome and was negatively impacting operations budgets.

Solution

LightEdison specified and installed 60 replacement fixtures. To achieve the proper lighting levels at the gym floor, larger wattage LEDs were required as opposed to a standard 1:1 equivalency. For this application, specifying correct fixtures wattages meant sacrificing energy savings to achieve the results that were requested by the customer. Ambient light levels in the facility were brought up to industry standards and increased by over 40%, dramatically improving safety and creating the type of professional coaching environment desired. Appropriately cooler lighting color temperatures were also chosen to maximize the operational effectiveness of the upgrade. Even with the substantial increase in lighting levels to the facility, overall lighting energy use was kept constant. Given that these fixtures are designed to last over 20 years,



impacts to the maintenance crew were alleviated and operational resources could be invested elsewhere.

Results

Tarkanian Basketball Academy has avoided paying a net \$30,063 over the next 10 years, but those benefits are marginal compared with the increased safety and overall quality improvement for the athletes in the facility.

Testimonial

"At Tarkanian Basketball Academy the lighting in our gymnasium is of utmost importance.

We need to provide the highest quality of light for our athletes, teams and rental partners to help them reach their full potential. Our LED lighting project has dramatically increased the light quality of our gymnasium, seemingly improving moral as well! It's been a real win-win!"

– Ennis Wesley, General Manager/Partner, Tarkanian Basketball Academy



✉ info@lightedison.com
☎ 888.966.6377
🌐 lightedison.com

**Superior Lighting.
Exceptional Service.
Operational Excellence.
Brilliant.**