

Leotek LED HighBay Lighting Cuts Energy Costs by 50%



LEFT: 208W LCN3-120K Measuring 75 Foot-candles | RIGHT: 400W MH Measuring 35 Foot-candles

Products Installed

The Pason Centennial Arena - with a 2,000 person capacity - is home to the Okotoks Oilers hockey team. For this project, a total of sixty-seven (67) LCN3-120K-HV-CW-5S-WH-HBS-700 HighBay Luminaires replaced the same quantity of 400W MH fixtures. The total time utilized to accomplish the retrofit was less than 16 hours.

LCN3-120K



Improved Illumination and Increased Color Clarity



With only half the existing metal halide fixtures retrofitted with Leotek's LED HighBay luminaires, the arena staff received a complaint from one of the practicing hockey clubs that half the arena lights were malfunctioning. The team couldn't believe it when informed the "broken" lights were the ones they had been skating under for the past five years. They were further impressed upon noticing that while the new lights were incredibly bright, they could actually stare into the fixtures and count the individual LEDs without being temporarily blinded by harsh light, an incredibly important advantage in a sports arena.

The arena staff were amazed at the huge difference in light quality and energy efficiency. From an immediate first impression of whiter ice and more vibrant uniform and advertisement colors, to the 50% energy savings, the benefits of converting were quickly apparent. The Facility Manager commented: "When the lights were changed out, the ice became much colder, so we were able to increase the ice temperature by 2 degrees, which in turn, led to the ice plant working 3-4 less hours per day."

Offering an instant, positive benefit-to-cost ratio, and virtually no maintenance for 10 years, Leotek LED HighBay luminaires are a perfect solution for sporting arenas. Up next on the conversion schedule for Pason Centennial Arena; the swimming pool and gym areas.

Leading the LED Industry Since 1992

Leotek Electronics USA Corp., located in California's Silicon Valley since 1997, and celebrating over twenty years as an LED lighting manufacturer, is globally recognized as a pioneer in light-emitting diode technology. With millions of LED products installed worldwide, Leotek offers a substantial history of proven performance. The company manufactures innovative LED lighting products for applications encompassing traffic and transit; street and area; petroleum, convenience, grocery and retail stores. Leotek is committed to developing emerging solid-state technology that offers greater longevity and environmental viability than traditional lighting sources, while reducing energy consumption and maintenance costs. In 2007, Leotek was acquired by Lite-On Group, a multi-billion dollar electronics manufacturing conglomerate. For more information, please visit www.leotek.com.

