

Seven Peaks Ice Arena

ILLUMRA Case Study



ILLUMRA
SELF-POWERED WIRELESS CONTROLS™



The Peaks Ice Arena is a year-round family recreation facility nestled at the foot of the Wasatch Mountains. The Peaks is home to Learn to Skate, Youth and Adult Hockey Lessons and Leagues, and BYU and UVU hockey, as well as Public Skating. It also houses 2 indoor turf fields utilized for soccer, lacrosse, rugby and ultimate frisbee.

THE CHALLENGE:

- Could not afford downtime to arena during busy season while making needed changes to lighting fixtures
- Concerned about distance of controller from lights and the functionality of them working properly
- Difficult & expensive to run new control wires to each new fixtures
- Had multiple zones that needed to be address with and dimming capabilities
- Expense of labor for heavy duty boom lift equipment for install
- Having a wireless solution work properly within a large space

THE SOLUTION:

Installing Illumra wireless fixture controllers to each fixture before install resolved the need to run wires to each fixture and made Zoning easy. Pre-linking in zones were done at the Illumra manufacturing site which cut down the amount of downtime to customer. In all, Seven Peaks replaced 1000 Watt metal halide fixtures with dimmable 278 watt LED fixtures. Quick install time allowed for client to have little to no downtime to the area during very busy season.

PARTS USED

Single Rocker Switch - White
E9T-S1AWH

0-10V 20A Area Controller
E9X-DUV-10VTP

0-10V 5A Fixture Controller
E9X-DUV-10VTP-FX

0-10V Dimmer / Slider
NWO-IP710

THE RESULTS:

The customer and electrical contractor were extremely satisfied with the ILLUMRA wireless control system and its wide range of functionality. Once the installation was complete and the control system was synced, it worked flawlessly in allowing the customer to work with different zones as well as dimming capabilities. Customer was provided with one rocker switch that when tested 75' from transmitter, worked flawlessly in turning lights on and off with ease.

BENEFITS TO CUSTOMER:

- Fast and efficient install - Minimal to NO down time to Arena.
- Wireless control placement where needed, no restrictions.
- Lower install costs. Two man days labour saved, two days less for Boom Lifts.
- No need to run copper wire from fixture to fixture.
- Plug and Play installation. Dimming control by area and ON / Off as required.
- Lowered costs of installation with the wireless solution

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