

Arena Based Zone Lighting

“Cutting install time and cost are essential when avoiding client building down-time. Wireless controls are an essential part of that solution.”

Project Requirements:

- Zone lighting to deactivate unused lights to save energy in 72,000 square foot indoor sports arena
- Replace less efficient HID lights with high efficiency T5-HO fluorescents (instant on)
- Work to be performed between midnight and 6 am

Without ILLUMRA:

- 6 - 7 evenings - 2 electricians
- Material costs - new wiring and conduit
- Wires could be exposed to soccer balls
- No revenue loss - installation takes place outside of operating hours moving wires and fasteners

A Better Solution

The ILLUMRA Wireless Way

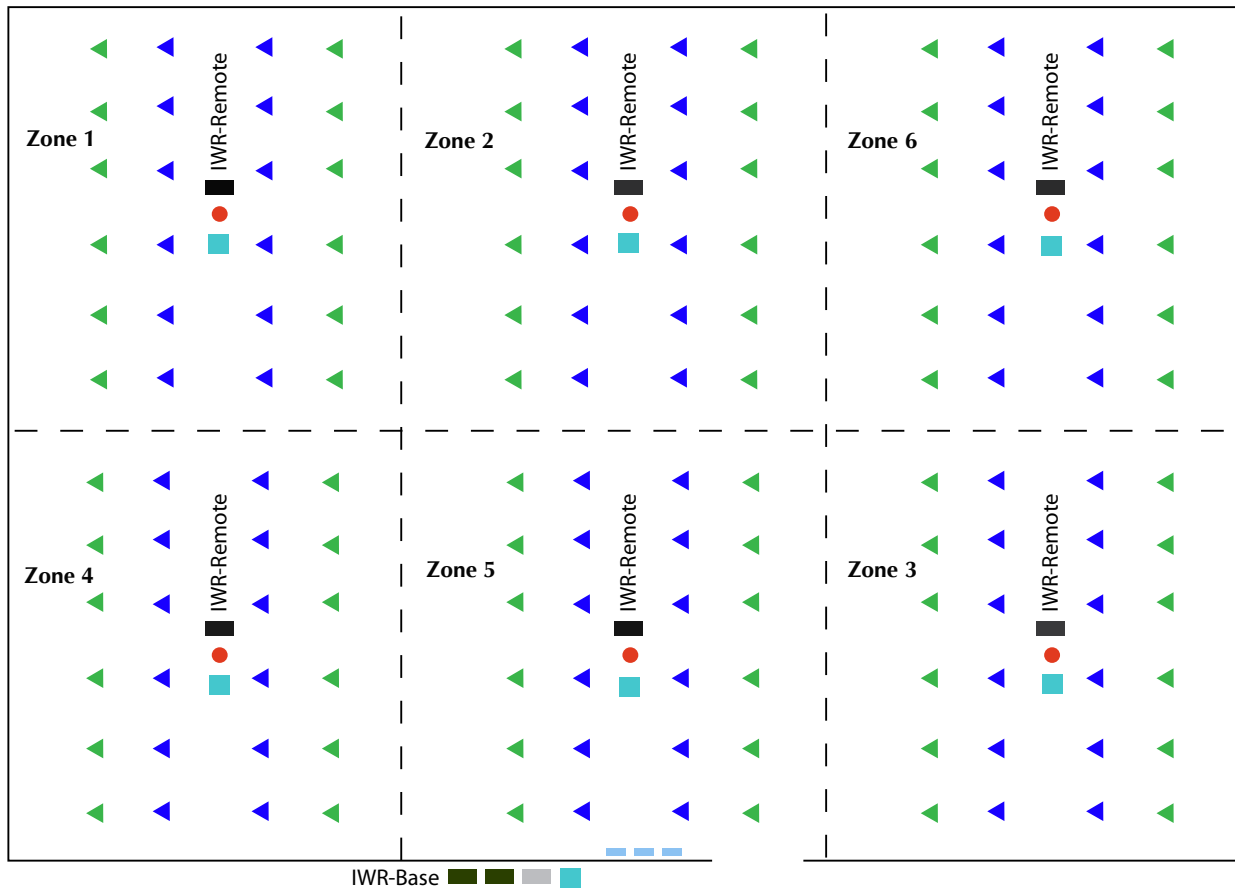
- 2 - 3 evenings to install controls - 2 electricians
- Pre-commissioned receivers are pre-installed on light fixtures
- No revenue loss - installation takes place outside of operating hours
- 25-50% energy savings
- No batteries - no maintenance



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144 Fixtures — each with a relay and or a repeater

- ▲ 5 Wire Relay Receivers ■ Industrial Wireless Relay (IWR) ■ Power Pack ● 4 Channel SLT
- ▲ 3 Wire Relay Receivers ■ Low Voltage Relay (LVRX-8) ■ Double Rocker Switch



System Components



4 Channel SLT
E3T- MICFP-40
(arena Firmware)
(Qty 6)



Dual Rocker Switches
E3T-S1A
(Qty 3)



Relay + Repeater
E3R-R12-3HOTP or
E3X-R12-5IBTP
(Qty 144)



Low Voltage
Relay Receiver
E3R-R04FP-8
(Qty 1)



Industrial Wireless Relay
XBX-CTRF-44B, XBX-
CTRF-44R
(QTY 2 Base, 6 remote)



Power Pack,
NWO-RHV-0D0
(Qty 7)

Features:

- Zone Control

Benefits:

- Energy Savings
- Low impact installation
- Reduce installation costs
- Easy Reconfiguration
- No rewiring required