

# 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*

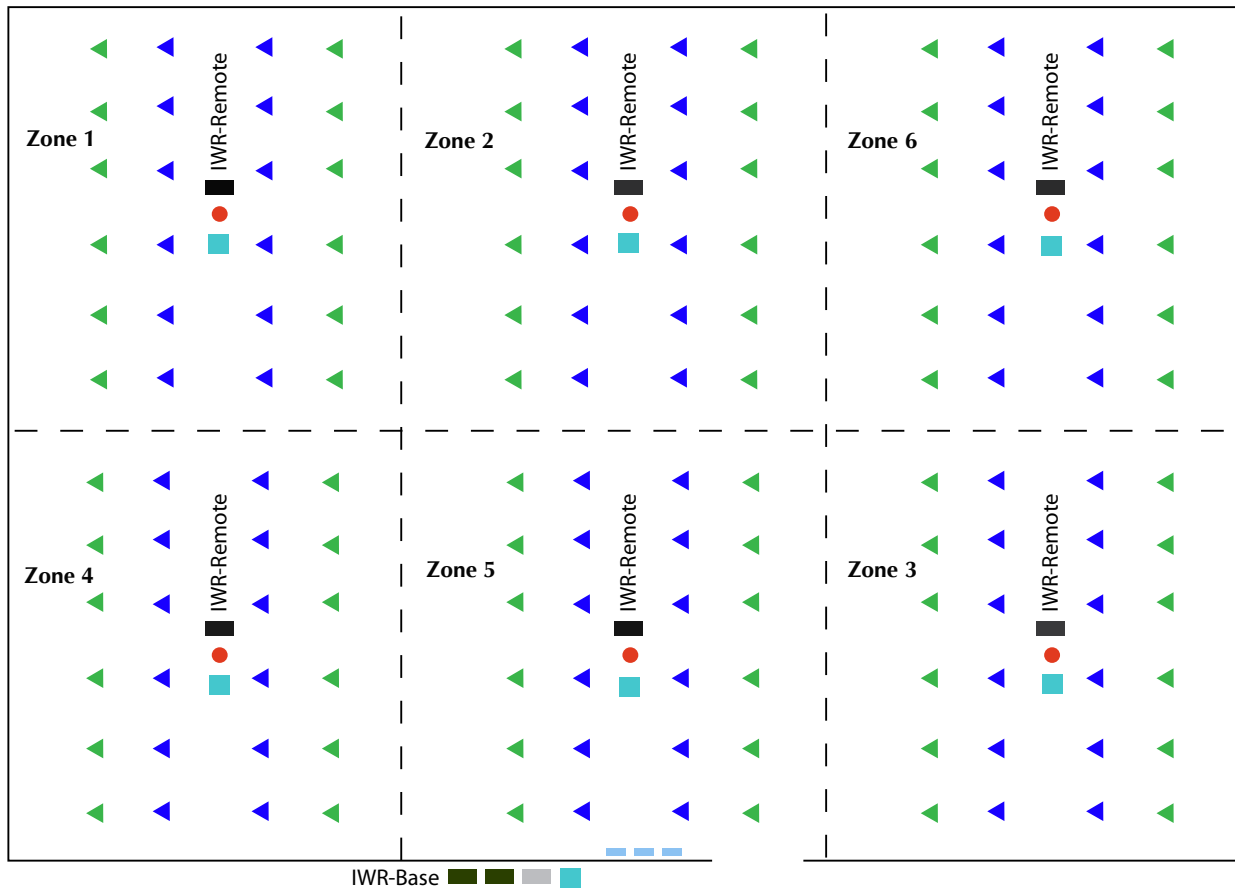
- 2 - 3 evenings to install controls - 2 electricians
- Pre-commissioned receivers are pre-installed on light fixtures
- No revenue loss - installation takes place outside of operating hours
- 25-50% energy savings
- No batteries - no maintenance



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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-CTRFP-44B, XBX-CTRFP-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