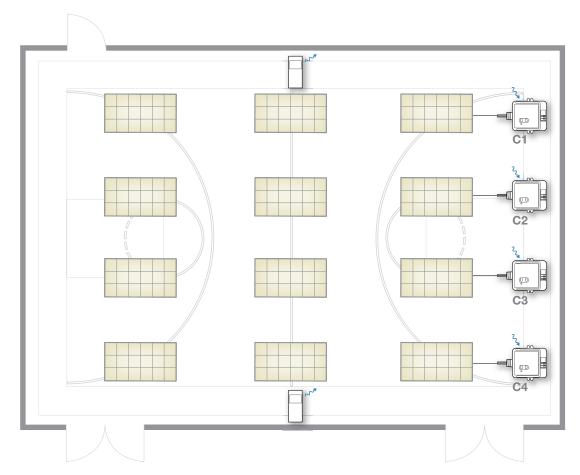
# Occupancy Sensing in Gymnasiums – Switching Solution

### Save 50 - 60%\* lighting energy

A Lutron high-performance light control system can save up to 60% lighting electricity in your gymnasium.

Integrate Lutron wireless occupancy/vacancy sensors and Pico wireless controls to reduce lighting energy consumption, improve light quality, and enhance the flexibility of your gym.





Lutron Clear Connect<sub>®</sub> RF wireless communication

#### Bill of materials

Radio Powr Savr™ occupancy/vacancy sensor (wall-mount)

LRF2-OWLB-P-WH

Wire guard

STI-9618-CPN3688



PowPak™ switching module 16R-DV-B or

16RCCO1-DV-B

\* Savings based on replacement of a 400W metal halide fixture operating 3000 hours a year with a 196 W fluorescent fixture operating 2400 hours a year. Actual savings may vary based on occupancy patterns of the gym.

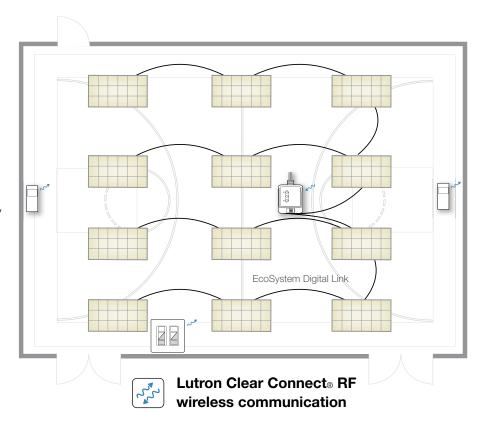




# Occupancy Sensing in Gymnasiums – Dimming Solution

A Lutron high-performance light control system can save up to 80% lighting electricity in your gymnasium.

Replace existing H.I.D fixtures with Lutron Athlite™ high-performance high bay gymnasium fixtures (with EcoSystem® digitally addressable dimming ballasts). Integrate Lutron wireless occupancy/vacancy sensors and Pico wireless controls to reduce lighting energy consumption, improve light quality, and enhance the flexibility of your gym.



#### Bill of materials



#### Athlite gymnasium fixture

FXHB-(base model number) (1.17 ballast factor available)



Radio Powr Savr™ occupancy/vacancy sensor (wall-mount)

LRF2-OWLB-P-WH



STI-9618-CPN3688



PowPak™ dimming module with EcoSystem

RMJ-ECO32-DV-B



Pico<sub>®</sub> wireless controls

PJ-2BRL-GWH-T0I CW-2-WH (dual-gang faceplate)

### Save 50 - 80%\* lighting energy with the Lutron Athlite gymnasium solution

\* Calculations based upon 32 metal halide fixtures (400 W) per gym vs. equivalent Athlite solution, operating 180 days per year at \$.10/KWh.



