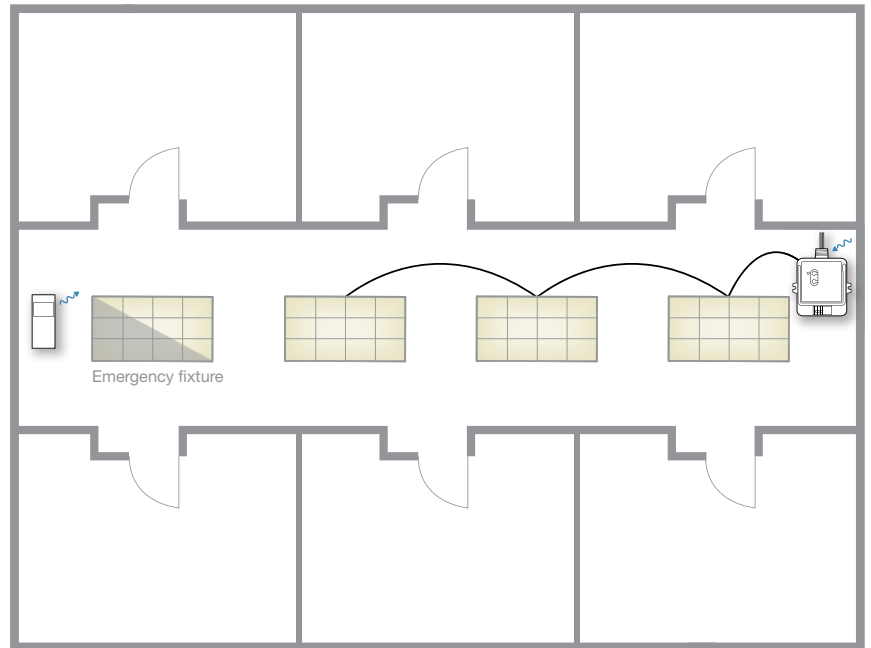


# Occupancy Sensing in Hallways – Switching Solution

School hallways are often vacant while classes are in session. By turning lights off in empty hallways and automatically turning them on during passing periods, or when someone enters the hallway, schools can reduce lighting electricity use and redirect those funds to critical classroom programs.

Based on the hallway occupancy information received from the Radio Powr Savr™ hallway sensor, the PowPak™ relay automatically turns lights on when someone enters the space, and off when the space is vacant.

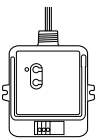


**Lutron Clear Connect® RF**  
wireless communication

## Bill of materials



**Radio Powr Savr occupancy/vacancy sensor (hallway)**  
LRF2-OHLB-P-WH



**PowPak relay module**  
RMJ-16R-DV-B

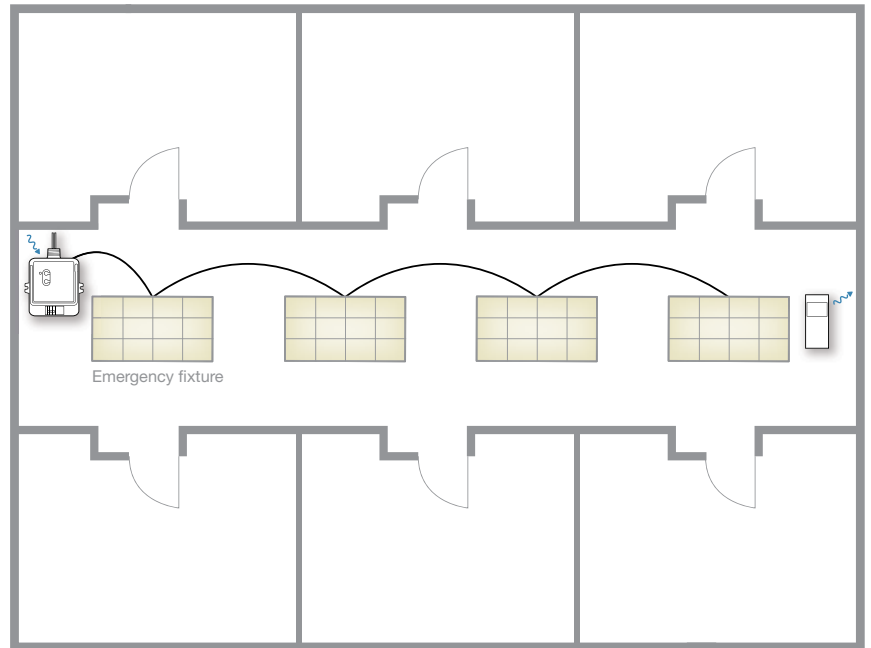
Save 20 - 60% lighting energy\* with Lutron occupancy sensor solution.

\* VonNieda B, Maniccia D, & Tweed A. 2000. An analysis of the energy and cost savings potential of occupancy sensors for commercial lighting systems. Proceedings of the Illuminating Engineering Society. Paper #43.

# Occupancy Sensing in Hallways – Dimming Solution

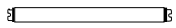
The PowPak™ with EcoSystem® saves energy by automatically increasing light levels when hallways are occupied and reducing light levels when they are unoccupied.

The occupied and unoccupied light levels are field adjustable to be specific to the project's code requirements.

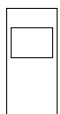


**Lutron Clear Connect® RF**  
wireless communication

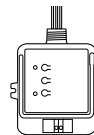
## Bill of materials



**EcoSystem H-Series digital ballast**  
EHDT-(base model number)



**Radio Powr Savr™ occupancy/vacancy sensor (hallway-mount)**  
LRF2-OHLB-P-WH



**PowPak dimming module with EcoSystem**  
RMJ-ECO32-DV-B

Save 20 - 60% lighting energy\* with Lutron occupancy sensor solution.

\* VonNieda B, Maniccia D, & Tweed A. 2000. An analysis of the energy and cost savings potential of occupancy sensors for commercial lighting systems. Proceedings of the Illuminating Engineering Society. Paper #43.