

Motion Sensors for Workplace Lights

Your effort supports U-M's waste reduction goal:

Reduce scope 1 and 2 greenhouse gas emissions by 25% by 2025.



How They Help

Control of lights through motions sensors may be appropriate for areas that are used intermittently throughout the day. For example: single occupancy offices, kitchens, break rooms, and bathrooms. By automatically turning off after a few minutes, motion sensors prevent energy waste.

Types of Motion Sensors

Switch Mounted Sensor

This sensor works for smaller areas or single occupancy offices. By installing a switch-mounted motion sensor you could save approximately \$75/year. The cost of the device and its installation is typically around \$200 with a simple payback just under 4 years.



Ceiling Mounted Sensor

These sensors function best for cubicles or larger open spaces. Since these units often cover more area, they can also save you more-over \$200/year. However, the average cost of the device and installation is also higher, at roughly \$900. The payback for this type of motion sensor is 5 years.



If you are interested in arranging installation of motion sensors,

contact your regional energy manager or email energyconservation@umich.edu.

GET INVOLVED: ocs.umich.edu

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