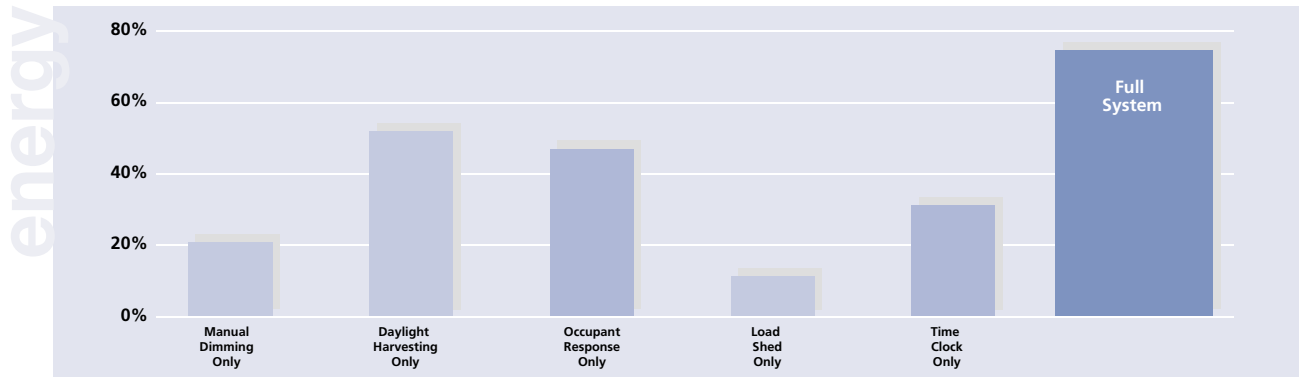


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## Typical System Savings

Depending on system configuration and application characteristics, a Lutron Intelligent Fluorescent Lighting Management System can save over 70% of lighting energy. Actual savings may vary, depending on the application.



### microWATT Lighting Controller



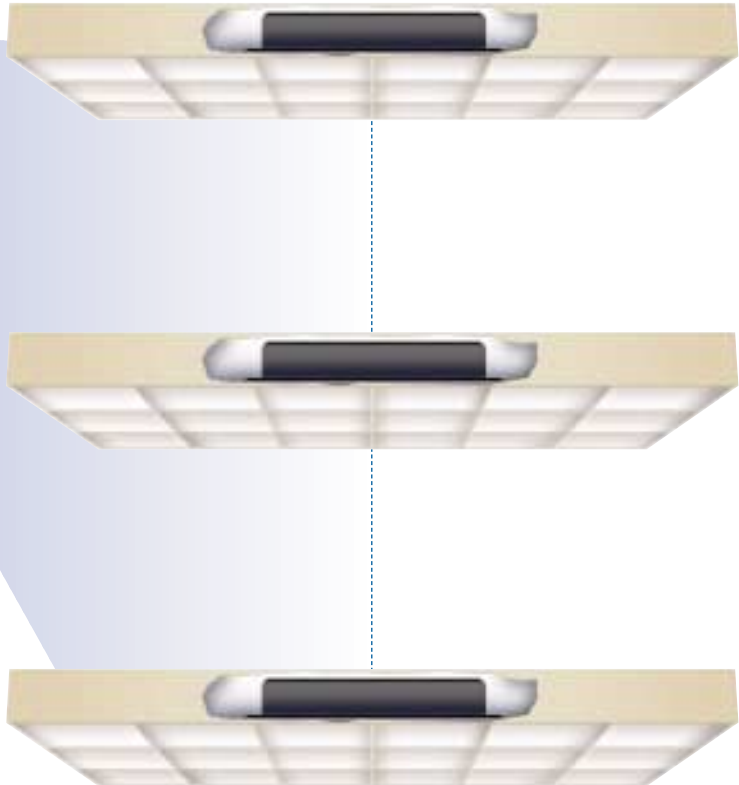
### microWATT Features

Continually monitors all input functions and intelligently adjusts fluorescent lighting for minimum energy use.

Provides the following ranges of light level

- Sets high end – between full ballast output and approximately 40% light
- Sets low end – between approximately 15% light and ballast low end
- Sets unoccupied level – between approximately 40% light and ballast low end or off

### Fluorescent Fixtures with Lutron Dimming Ballasts



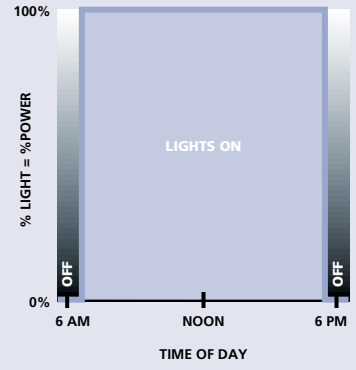
# Lighting Management Strategies

saving energy

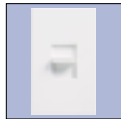
## Saving Energy

Without an automatic energy saving system, lights must be either full on, totally off or manually dimmed. Full on wastes energy if natural light is available, if space is unoccupied, or if a lower light level is temporarily desired. Manual dimming saves energy, but still permits waste if natural light is not fully utilized or space is unoccupied.

A Lutron Intelligent Fluorescent Lighting Management System can combine manual dimming, daylight harvesting and occupant response. It can also respond to building automation/security system signals to save peak demand energy charges, time-schedule lighting, or turn lights full on for emergencies.



*On/Off Control - Saves energy only when off*

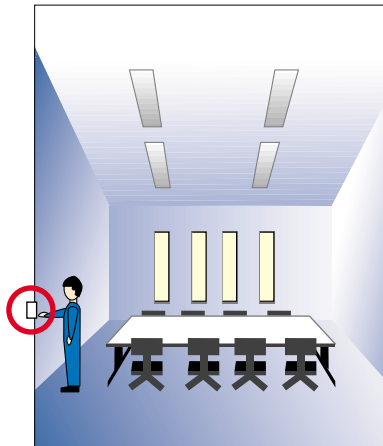


## Manual Dimming

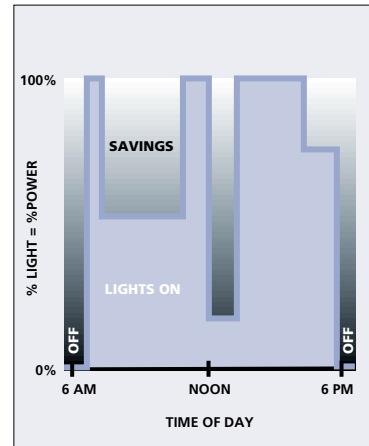
### Lutron Wallbox Dimmers

Provide personal choice and control of light levels to adapt spaces for different tasks and activities. Permit dimming from multiple locations; switch lights on and off.

Best applied in such areas as meeting rooms and offices.



*Adjust lights for tasks and activities.*



*Typical energy consumption pattern.*

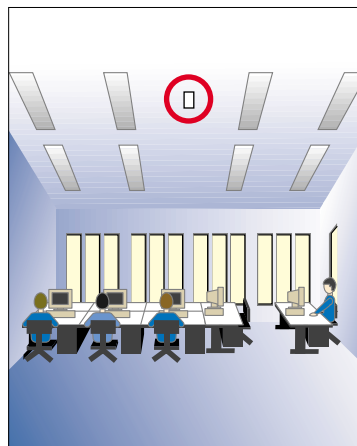


## Daylight Harvesting

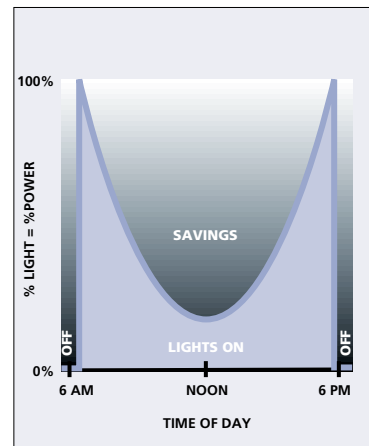
### Lutron microPS™ Photosensor

Takes advantage of available natural light. Adjusts artificial lighting smoothly, unobtrusively and continuously.

Best applied in areas with large windows or skylights, such as perimeter offices, malls, classrooms and atria.



*Maintain constant light level while saving energy.*



*Typical energy consumption pattern.*















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