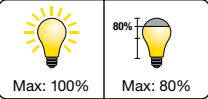
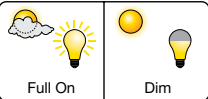
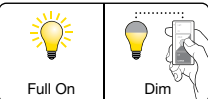
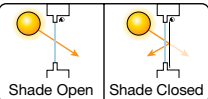
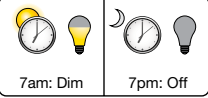
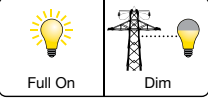


Lutron® Light Control Strategies

How Lutron energy-saving strategies meet current energy codes and LEED

Strategy	Codes	Requirements	LEED Requirements	Potential Lighting Energy Savings	Potential HVAC Energy Savings
 High-end trim/tuning	N/A	N/A	EA: Minimum Energy Performance; EA: Optimize Energy Performance	10-20%	0-8%
 Occupancy/vacancy sensing	ASHRAE 90.1-2010; IECC 2012; Title 24 2008	Automatic Lighting Shutoff	SS: Light Pollution Reduction; EA: Minimum Energy Performance; EA: Optimize Energy Performance	20-60%	0-25%
 Daylight harvesting	ASHRAE 90.1-2010; IECC 2012; Title 24 2008	Daylight control	EA: Minimum Energy Performance; EA: Optimize Energy Performance; IEQ: Daylight and Views-Daylight	25-60%	0-25%
 Personal light control	ASHRAE 90.1-2010; IECC 2012; Title 24 2008	Multi-level lighting/light reduction	EA: Minimum Energy Performance; EA: Optimize Energy Performance; IEQ: Controllability of Systems-Lighting	10-20%	0-4%
 Controllable window shade	N/A	N/A	SS: Light Pollution Reduction; EA: Minimum Energy Performance; EA: Optimize Energy Performance; MR: Recycled Content; IEQ: Low-emitting Materials ¹ (LEED for schools only); IEQ: Daylight and Views-Daylight; IEQ: Daylight and Views-Views	N/A	10-22%
 Scheduling	ASHRAE 90.1-2010; IECC 2012; Title 24 2008	Automatic Lighting Shutoff	SS: Light Pollution Reduction; EA: Minimum Energy Performance; EA: Optimize Energy Performance	Variable	Variable
 Demand response	Title 24 2008; ASHRAE 189.11 2011; IgCC PV2	Demand Responsive Lighting	EA: Demand Response ²	Variable	Variable

¹LEED for schools and LEED CI (commercial interiors)

²Demand Response will be an Energy and Atmosphere credit in the next version of the LEED rating system in 2012.

