

# Residential Lighting Video Series

The LRC has produced a series of brief videos that guide builders, contractors, and homeowners in providing energy efficient, high quality lighting in residences. The video series provides an accessible overview of a number of topics important to residential lighting. The videos complement the LRC's **Lighting Patterns for Homes** website, and viewers are guided to the most relevant portion of that website.



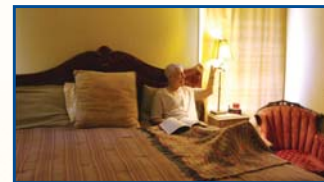
**Overview of energy efficient lighting for residences.** Basic methods of lighting residences including lighting design, light sources, and controls.



**Upgrading incandescent bulbs.** Where to start, maintaining desired light levels and distribution, base types, and choosing between CFLs and LEDs.



**Lighting bathrooms.** Tips for providing good lighting at the bathroom mirror.



**Lighting bedrooms.** Tips for lighting bedrooms for comfort and better sleep quality.



**Lighting home offices.** Tips for saving energy while providing adequate illumination on desks.



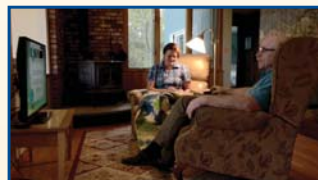
**Cautions when upgrading lighting in residences.** How to avoid problems that can lead to dissatisfaction with lighting.



**Lighting kitchens.** Tips for lighting kitchens, such as locating the lighting to avoid shadows on work areas.



**Light bulbs.** Types of light bulbs used in residences including A-shape, globe, decorative, BR, PAR, and MR-16 bulbs.



**Lighting living rooms.** Tips for lighting living rooms, where aesthetics can be of greater concern than in many other rooms.

10 year cost of ownership		
\$197	Electricity	\$36
\$16	Bulbs	\$18
\$213	Total	\$54

**Economic calculations.** Calculating the initial cost, payback period, and average cost of ownership when upgrading lighting.

## Sponsor

New York State Energy Research and Development Authority (NYSERDA)



The videos are available for streaming at <http://www.lrc.rpi.edu/patternbook/videos.asp>



**Light fixtures.** Types of light fixtures used in residences including ceiling mounted diffusers, pendants, plug-in lamps, recessed downlights, sconces, vanity lights, track lights, under-cabinet lights, and architecturally-integrated lighting.



**How to use the Lighting Patterns for Homes website.** An overview of how to make the most use of this online resource.

