

# LED Lighting Buyers Guide



## Key Features & Benefits

The lifetime cost of the LED lighting system **SAVES YOU \$1,000's** in energy costs.

Residential LED's **USE 75% LESS ENERGY** and **LAST 25 TIMES LONGER** than incandescent lighting.

The LED lighting design **DOES NOT CREATE HEAT** making them safe for both children and pets while attracting less insects.



## Points to Consider When Purchasing Outdoor Lighting

**1. Plan for long-term function.** i-lighting's Easy Plug™ wiring minimizes failure year after year.

**2. Account for energy costs.** LEDs uses 80% less energy than incandescent lamps saving \$100's a year in energy costs.

**3. Plan for consistent voltage.** With i-lighting's low voltage, DC

power supply, line voltage drop is not a concern.

**4. Consider bulb replacement costs.**

**5. Allow the option of adding additional lights in the future.** The lower wattage requirements of LEDs provide the flexibility to add additional fixtures.



## Stair Safety Code & Requirements

Over **1 MILLION** accidents resulting in injury per year on stairs. Not surprising, this makes stair accidents the **SECOND LEADING CAUSE** of unintended injury, second only to car accidents. I-lighting's stair lights provide safety and security while meeting IRC requirements.

## Hidden Costs of Outdoor Lighting

Save over 80% on energy costs and 60% on total lifetime cost with i-Lighting's LED systems. Consider these savings compared to traditional lighting systems.

Typical Incandescent/ Halogen Light	Total Lifetime Cost (50,000 hrs. of use)	i-lighting Total LED Lifetime Cost
10 Stair Lights	\$1,170	\$3.12
10 Post Lights	\$1,170	\$3.12
10 Path Lights	\$1,720	\$50.00



## Key Landscape Design Principles

- 1. Be cohesive.** Create the same overall effect. each angle of the property.
- 2. Create depth.** Illuminate areas near and far to for a 3D effect.
- 3. Accentuate focal points.**
- 4. Explore perspective.** Review
- 5. Show balance and symmetry.** Lighting should be proportional.
- 6. Control quality and direction.** Select fixtures that set a desired aesthetic and direct the light appropriately.



## Light Bulb Comparison

i-lighting's lighting system operates on LEDs, a highly energy efficient lighting technology. Residential LEDs use at least 75% less energy, and last 25 times longer than incandescent lighting.

Energy Efficiency	Incandescent	Halogen	LEDs
Average Life Span	1,200 hours	2,000 hours	50,000 hours
Kilo-watts Used*	1095 KWh/yr.	1095 KWh/yr.	54.75 KWh/ yr.
Annual Operating Cost*	\$109.53 / yr.	\$109.53 / yr.	\$5.47 / yr.
Light Bulbs Needed Over Lifetime**	42 bulbs	25 bulbs	1 bulb

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