

1-866-NITELITES



90%
ENERGY SAVINGS

& Virtually No Maintenance Cost



8 - 35W Halogen or 5W LEDs

15 - 36W Halogen or 7W LEDs

12 - 20W Halogen or 3W LEDs

Lights	15	8	12	Total Watts
Halogen	36W	35W	20W	1060
LED	7W	5W	3W	181

Watts Saved With LEDs 879

Go Green with NiteLites
LEDs

www.NiteLites.com



LEDs Sustainable Outdoor Lighting

Efficient

LEDs are more energy efficient and longer lasting than any other light source.

Save Energy

- LEDs use up to 90% less energy than halogen lamps.
- LEDs have an extremely long life span of up to 40,000 hrs.
- They do not waste energy and direct light only where it is needed.

Economical

LEDs are one of the few green products that actually help you save money.

Save Money

- LEDs provide instant and long term energy savings.
- Savings in replacements bulbs, maintenance, and services costs.
- A better return on investment than any alternative energy system.

Responsible

LEDs are the most environmentally responsible lighting technology available.

Save the Environment

- LEDs contain no hazardous materials like lead or mercury.
- LEDs use less energy and produce less greenhouse gases.
- LEDs last longer and are recyclable – minimizing waste in landfills.



The Cost of Outdoor Lighting:

The biggest expense associated with outdoor lighting is the cost of the electricity to power the bulbs – **not the bulbs themselves.**

Although halogen lamps are less expensive, you will incur much more cost by using them relative to LEDs. They do not last as long, and consume up to 90% more energy than LEDs. You will pay less for the lamp, but much more for electricity costs, replacement bulbs, and maintenance in the long run.

Cost Savings: LED vs. Halogen (HAL)

The average cost of lamps for 40,000 hours

7W LED	Type of lamp	36W HAL
40,000	Lifespan in hrs	3,200
1	Bulbs needed	10
125.00	Cost per bulb	20.00
125.00	Total cost of bulbs	200.00
Bulb Savings with LED = \$75.00		

The average cost of maintenance for 40,000 hours

7W LED	Type of lamp	36W HAL
0	Bulb replacements	10-11
0.00	Maintenance cost	125.00
Maintenance Savings with LED = \$125.00		

The average cost of electricity for 40,000 hours

7W LED	Type of lamp	36W HAL
360	kWh used	1444
54.00	Electricity cost	216.60
Electricity Savings with LED = \$162.60		
<small>Cost based on 0.15 per kWh</small>		

The average total cost for 40,000 hours

7W LED	Type of lamp	36W HAL
179.00	TOTAL COST	541.60
AVERAGE TOTAL SAVING WITH LED = \$362.60		



LEDs are cool enough to touch.



LEDs have better lighting quality characteristics including: improved color, reduced flicker, and greater light output.

Cost Savings: LED vs. Halogen Lighting Systems

Lighting System	Lamp	Watts	Average Electricity Cost			Average Savings with LED		
			1 Month	6 Months	1 Year	1 Year	3 Years	5 Years
20 Fixtures	HAL	36	24.20	145.20	290.40			
20 Fixtures	LEDs	7	6.00	36.00	72.00	218.40	655.20	1,092.00
20 Fixtures	LEDs	5	4.00	24.00	48.00	242.40	727.20	1,212.00
20 Fixtures	LEDs	3	2.00	12.00	24.00	266.40	799.20	1,332.00
Lighting System	Bulbs	Watts	1 Month	6 Months	1 Year	1 Year	3 Years	5 Years
35 Fixtures	HAL	36	42.35	254.10	508.20			
35 Fixtures	LEDs	7	10.50	63.00	126.00	382.20	1,146.60	1,911.00
35 Fixtures	LEDs	5	7.00	42.00	84.00	424.20	1,272.60	2,121.00
35 Fixtures	LEDs	3	3.50	21.00	42.00	466.20	1,398.60	2,331.00

NiteLites LEDs

Our LEDs are designed to provide maximum light output, long life, and operate with little to no maintenance for many years.



NiteLites is pleased to offer professional grade, solid state, LED lighting. Nearly our entire line of solid brass and copper landscape lighting can be retrofitted with the most innovative LED technology. Our specification grade, low voltage lighting systems align perfectly with the rapidly growing Green Building demand.

With LEDs heat management is everything. The chips will last 100,000 hours, but due to excessive heat, the electronics typically fail in the first 10,000 hours. NiteLites LEDs have been built around a heat sink in order to maximize their lifespan. Our LED appliances have an expected life of up to 40,000 hours.

Nearly every LED module is also IP67 rated which means the LED appliance is waterproof so it offers double protection when installed in a NiteLites fixture. Additional benefits include an exact match to halogen on color and appliances that stay cool to the touch. Also, since nearly every fixture is available in an LED option, the retrofitting process will be minimally invasive to your landscaping.

Why it's Time to Replace Your Bulbs.



When you turn on halogen light bulbs, only 20 percent of the electricity used is turned into light. The other 80 percent is wasted as heat. That's a lot of wasted energy! These bulbs have been great for the outdoor lighting industry, but LEDs are the future and far superior in every way.

Using One LED Will Save:

- Over a half ton of CO² emissions
- 3,000 kilowatts of electricity
- 12 halogen bulbs & packaging
- 5 gallons of gasoline

Also Consider:

- All the energy and materials used to manufacture, transport, and dispose of 12 halogen bulbs.



Go Green and Save Green with NiteLites



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Materials



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