

ENERGY SAVINGS CALCULATOR

A fast and easy way to calculate your energy savings

Understanding and calculating the **return on investment for lighting retrofit projects and lighting upgrades** is critical to your success. The calculator below will provide an estimated ROI based on energy costs. You may be interested in our **explanation of the total cost of lighting** for more details on potential savings you can capture, or you can **contact us to discuss your specific project in more detail.**

Energy Savings Calculator for Lighting

Fill out the boxes below to determine your rate of return on a new lighting upgrade.

Enter your project information	
Original wattage per bulb <input type="text" value="32"/> watts	Replacement wattage per bulb <input type="text" value="15"/> watts
Number of bulbs replaced: <input type="text" value="46"/> bulbs	Energy cost (\$ per kWh) \$ <input type="text" value="0.1"/> /kWh
How many hours per day are the lights on? <small>1hours</small> <input checked="" type="radio"/> <small>8hours</small> <input type="radio"/> <small>24hours</small> <input type="radio"/>	How many days per year are the lights on? <small>50days</small> <input checked="" type="radio"/> <small>210days</small> <input type="radio"/> <small>365days</small> <input type="radio"/>
What is the initial upgrade cost for the project? (No commas or dollar signs) \$ <input type="text" value="250"/>	
Results	
Simple payback 1.90 years	Rate of return 53 %
Simple annual energy savings 1,314 kWh	Annual energy cost savings* \$ 131.40
Are you a current customer? <input type="radio"/> Yes <input checked="" type="radio"/> No	

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Questions about buying LEDs? Get this free guide.

In this LED Buying Guide, we'll break down all questions to help you make the best decision for your business needs. We also give recommendations for specific lighting brands to consider.

[Download Now](#)

Enter your project information

Original wattage per bulb <input type="text" value="32"/> watts	Replace <input type="text" value="15"/> watts
Number of bulbs replaced: <input type="text" value="86"/> bulbs	Energy cost (\$ per kWh) \$ <input type="text" value="0.1"/> /kWh
How many hours per day are the lights on? Hours: <input type="radio"/> 8hours 24hours	How many days per year are the lights on? Days: <input type="radio"/> 5days 250days 365days

What is the initial upgrade cost for the project? (No commas or dollar signs)

\$

Results

Simple payback 1.71 years	Rate of return 58 %
Simple annual energy savings 2,924 kWh	Annual energy cost savings* \$ 292.40

Are you a current customer?

Yes

No