



LIGHTING FOR THE FUTURE

## Benefits of CraLux LED Lighting

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### Not all LED bulbs are created equal

It's no longer a simple task to compare light bulbs. It used to be that there was only one specification—wattage, for an incandescent light bulb. LED bulbs are complex because they contain a driver circuit that changes the 120 line voltage to what the individual LEDs needs—around 3 volts DC. Most high-quality (and all of CraLux) LED bulbs use CREE (a USA company) or Nichia LEDs, so, to compare LED bulbs you must dig deeper into how the driver circuit performs.

### Energy Star Specifications

All CraLux LED bulbs meet or exceed the requirements for Energy Star. This includes a CRI  $\geq 70$  (CraLux LED bulbs have a CRI  $> 80$ ), Efficacy  $\geq 40$ , and Power Factor  $\geq 70$ . We put the actual numbers right on our datasheets. When comparing LED bulbs, be sure to compare these important numbers to fully understand how much energy your LED bulbs will actually save. Typically, CraLux LED bulbs will save you over 80% in energy usage. In addition, commercial customers reduce their energy *demand*, which is billed by the utility company as the peak draw within a 15 minute period. Reducing the demand significantly reduces your monthly power bill over and beyond the actual kilowatt hour savings.

### Extremely Long Life

CraLux LED bulbs are rated for 50,000 hours (other LED bulbs on the market are rated for as little as 20,000 hours). Consequently, a CraLux LED bulb will last, for example, 5.6 years when used 24/7. As a result, **most CraLux LED bulbs come with a 5-year warranty.**

### Low Heat Output

Because CraLux LED bulbs are extremely efficient, almost all of the energy consumed is converted into light. And, because so little heat is generated, the heat load for AC systems is greatly reduced. Besides the savings in energy, lighting fixtures last much longer by not being exposed to a constant high-heat source.

### Greenest Bulbs on Earth

CraLux LED bulbs are environmentally friendly—they don't contain harmful materials. Fluorescents (including compact fluorescents) contain mercury and require "Hazardous Material" handling when disposed of.

### No Ultra Violet (UV)

CraLux LED bulbs do not radiate UV. This makes them safe for archival applications, such as galleries and museums.

### Approved for Incentive Payments

CraLux LED bulbs have been certified and are approved for incentive payments from Rocky Mountain Power (for commercial customers). We handle all the paperwork to ensure that you receive your check from Rocky Mountain Power in a timely manner.

### *Rocky Mountain Power's FinAnswer Express Program*

CraLux Lighting is a registered Trade Ally with the Rocky Mountain Power FinAnswer Express Program. Through this program, generous high efficiency lighting incentives may be available when you switch from energy-consuming incandescent bulbs to energy-efficient LED bulbs. As an ally of this program, CraLux lighting can calculate your potential incentive before any work is done. Incentives typically range from 30% to 50% of project costs, depending on your energy usage and savings.