



# RELUME SUSTAINABLE MEDIA LIGHTING

Relume is the only LED lighting provider in today's marketplace that achieves a green distinction in the following three categories:

- CREATION ■ USE ■ END-OF-LIFE



## CREATION:

Aluminum is the single largest component of a Relume LED light engine. Relume uses approximately 42% recycled content aluminum sheeting in the manufacturing process.

All Relume LED lighting products comply with the Restriction of Hazardous Substances Directive (RoHS) adopted in February 2003 by the European Union.



Relume does not use hazardous materials in the manufacturing or assembly of its LED products.

### NO

- Lead
- Mercury
- Glass
- Cadmium

### NO

- Hexavalent chromium
- Polybrominated biphenyls
- Polybrominated diphenyls



## USE:

LEDs are today's longest lasting and most dependable lighting option, provided internal LED heat is properly dissipated.

Relume's patented Silver Circuitry™ thermal management solution extends the useful life of LEDs, allowing them to burn brighter, run cooler and cost less than competitive alternatives.

Relume LED products require significantly less energy than conventional lighting options:

Up to 50% less than fluorescent, 80% less than neon, and 90% less than incandescent.

Relume light engines are a best-fit resource for Leadership in Energy and Environmental Design (LEED) initiatives.



## END-OF-LIFE - A SUSTAINABLE FUTURE:

Aluminum recycling allows scrap aluminum to be reused after its initial production. Re-melting and recycling scrap aluminum requires just 5% of the energy and produces only 5% of the CO2 emissions traditionally used to make new aluminum.



Recycling does not damage the structure of aluminum. It can be recycled indefinitely and still be used to produce any product for which new aluminum is used.

Relume aluminum components are typically recycled in this manner. The LED and protective housing are vaporized in the re-melting process, and the valuable silver and other trace metals used in Relume's Silver Circuitry™ are separated out for future recycling as well.



For more information, visit [www.relume.com](http://www.relume.com) or call: (248) 969-3800