

# LED ILLUMINATION

## The Benefits of LED

- Light Emitting Diodes also known as “LED”lights are an energy and cost efficient way to achieve a lighting system comparable to neon or fluorescent brightness.
- Longer life span **100,000 hours** which is equal to **11 years** of constant use!
- Runs on 12 to 24 volts of power which means less energy use, lower operating costs and reduced fire and safety hazards.
- More reliable performance which means fewer service calls.
- **Uses 43% Less Energy than a comparable Neon sign!**

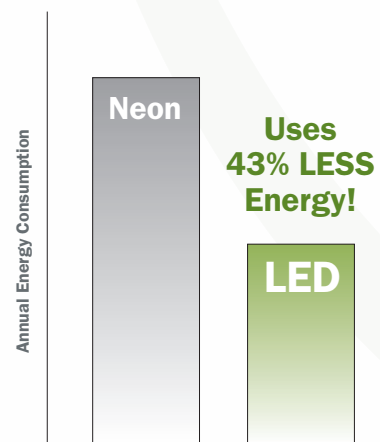


### Power Use Comparison

Lighting Source	Neon	LED
Brand/Type	15MM White	White V-Series
Nominal Installation (feet - Neon) (modules - LED)	90	250
x Power Consumption (watts/ft - Neon) (watts/module - LED)	4.6	0.6
x 12 Hours/Day	4,968	2,118
x 365 Days	1,813,320	772,941
/1000 = Annual Kilowatt Hours	1,813	773
x Cost per Kilowatt Hour	\$0.100	\$0.100
Total Annual Energy Cost	\$181.33	\$77.29

**The Result: LED Saves \$104 a year in energy costs!**

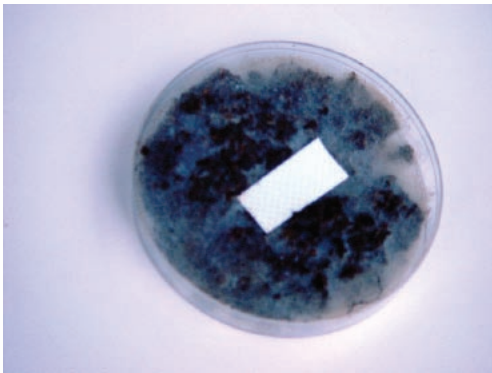
### Energy Cost Comparison



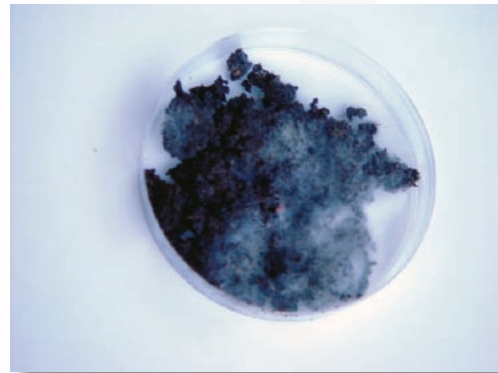
# BIOFLEX<sup>®</sup> Biodegradable PVC

## The Benefits of BIOflex

- A durable banner material that is the first truly environmentally friendly, biodegradable PVC.
- In properly controlled landfills, BIOflex PVC **will vanish in 3 to 5 years!** Traditional PVC takes **100+ years.**
- 80% of the content is derived from sources other than petroleum.
- A non-toxic formula, that is tear and fade resistant.
- The decomposition process will not begin until the material is exposed to the bacteria present in properly managed landfills.



Standard PVC vinyl that has been in a landfill for 30 days



BIOflex PVC vinyl that has been in a landfill for 30 days

**This document printed on BIOflex Biodegradable PVC**

# VISTA<sup>®</sup> Modular Interior Sign System

## The Benefits of Vista

- Fabricated from aluminum, a material that can be recycled infinitely.
- **Features changeable paper inserts - easier and more environmentally friendly to change the paper insert instead of the entire sign!**
- Since the insert is changeable, the sign modules can be re-purposed or re-used in other facilities.
- Frame-based systems offers the flexibility to choose the most energy efficiently substrate available now and in the future.

