

# Exit Signs - Cost Comparison

## Cost Comparison – Photoluminescent Exit Signs

Type of Sign	Compact Fluorescent	LED	Tritium	Safe Glow Photoluminescent
Lamp Life (hrs.)	2x7/10,000	50,000	None	None
Yearly Power Use	26 watts	5 watts	None	None
<b>Up Front Costs</b>				
Est. Sign Cost	\$60	\$60 - \$200	\$134 - \$200	\$168 - \$207
Labor to install	\$100	\$100	\$20	\$20
Minimal Initial Cost	\$160	160	\$154	\$188
<b>Additional Costs for New Construction</b>				
Wiring and J boxes	\$25	\$25	\$0	\$0
Electrical Contractor	\$125	\$125	\$0	\$0
<b>Usage and Maintenance Costs</b>				
Annual Electricity <sup>^</sup>	\$11	\$4	None	None
Annual Energy Use <sup>^</sup>	140 kWh	44kWh	None	None
Annual Carbon Dioxide (CO <sub>2</sub> ) Pollution <sup>^</sup>	72 lbs.	230 lbs.	None	None
Replacement Parts	\$18	\$20	None	None
Required Maintenance	<u>\$25*</u>	<u>\$25*</u>	<u>\$1**</u>	<u>\$1***</u>
Annual Costs	\$54	\$49	\$1	\$1
Projected Life (years)	15	20	10	25
Disposal Fee			\$150	
Lifetime Usage Cost	\$810	\$980	\$10	\$25
Plus Up Front and Disposal Fees	\$970	\$1140	\$314	\$213
Cost per Year	\$64.66	\$57	\$31.40	\$8.52

The costs per year above does not reflect additional savings for new construction applications (estimated above). It also does not reflect the environmental cost of manufacturing and recycling batteries for electrical exit signs, or the cost of recycling tritium signs properly. The compact fluorescent and LED signs that can be purchased for the minimum costs used in this comparison are not comparable to the Safe Glow Professional Interiors exit signs.

\*Includes visual inspection, battery life check and record keeping

\*\*Includes visual inspection

\*\*\*Included available light check and record keeping

<sup>^</sup>Energy usage courtesy of the Environmental Protection Agency and Energy Star®. To achieve this performance, an LED exit sign must be labeled and ultra-low energy usage Energy Star® product.



[www.safeglow.com](http://www.safeglow.com)

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