

COST COMPARISON OF EXIT SIGNS



TYPE	INCANDESCENT	COMPACT FLUORESCENT	LED	TRITIUM	PHOTOLUMINESCENT
1-Year Exit Sign Cost Comparison					
Lamps	2 Lamps/3,000 Hrs.	2 PL 7/10,000 Hrs.	LEDs 50,000 hours	None	None
Power Consumption	40 Watts	21 Watts w/Ballast	6 Watts	0	0
Sign Cost	\$80	\$120	\$170	\$275	\$175
Labor To Install	\$80	\$80	\$80	\$15	\$15
Initial Installed Cost	\$160	\$200	\$250	\$290	\$190
10 Year Costs					
Electric Power	\$350	\$184	\$53	0	0
Lamp Cost	\$300	\$160	\$100	0	0
Lamp Replacement Labor	\$450	\$150	\$20	0	0
Battery	\$220	\$220	\$70	0	0
Battery Replacement Labor	\$40	\$40	\$60	0	0
Disposal Cost	0	0	0	\$75	0
Total Operating Cost- 10 Years					
	\$1,520	\$954	\$553	\$365	\$190
<i>Source: Manny Muniz Associates, LLC</i>					

Durability and lower installation and maintenance costs are two clear PL advantages, Muniz said. Photoluminescent signage can be installed by a contractor or maintenance worker. Installing electrical signage, however, requires an electrician. U.S. companies spend \$1 billion per year to operate electric-powered exit signs, said Muniz. Photoluminescent exit signs are non-toxic, non-radioactive (unlike tritium, which is toxic and radioactive), and consume no electricity.