



Bi-Level-R Payback Analysis

SwitchGenie LLC
 4576 Echo Lane, Stacy MN 55079
 651-462-4361, 651-462-3992 fax
 1-800-522-1196 toll free
info@switchgenie.com
www.switchgenie.com

Save money by only turning on the lights you need. By installing a Bi-Level-R on selected fixtures in a space, you can save money by only turning on the fixtures you actually need in the space. You will still have the additional fixtures to use by just toggling the light switch off and back on.

Here is how much money you will save in a YEAR if you turn off one four lamp fixture. The price saved will be 75% for a 3 lamp fixture and 50% for a 2 lamp fixture. Figure out how much you can save on your lighting bill.

Here are the costs based on hours of use per day and the cost of electricity in KWH. The cost is based on a 4 lamp fixture with a normal ballast factor ballast and F32T8 lamps, that draws 109 watts. You can select the hours per day from the vertical columns and we assume five and half days per week for 52 weeks per year.

If you select 50% of the fixtures in a room times the savings listed below, you will have your payback based on the energy savings per fixture that will be turned off.

\$ per KWH	8	9	10	12	14	16	18	20	24
\$ 0.09	\$22.24	\$25.25	\$28.06	\$33.67	\$39.28	\$44.89	\$ 50.50	\$ 56.11	\$ 67.34
\$ 0.10	\$24.71	\$28.06	\$31.17	\$37.41	\$43.64	\$49.88	\$ 56.11	\$ 62.35	\$ 74.82
\$ 0.11	\$27.18	\$30.86	\$34.29	\$41.15	\$48.01	\$54.87	\$ 61.72	\$ 68.58	\$ 82.30
\$ 0.12	\$29.65	\$33.67	\$37.41	\$44.89	\$52.37	\$59.85	\$ 67.34	\$ 74.82	\$ 89.78
\$ 0.13	\$32.12	\$36.47	\$40.53	\$48.63	\$56.74	\$64.84	\$ 72.95	\$ 81.05	\$ 97.26
\$ 0.14	\$34.59	\$39.28	\$43.64	\$52.37	\$61.10	\$69.83	\$ 78.56	\$ 87.29	\$104.74
\$ 0.15	\$37.07	\$42.08	\$46.76	\$56.11	\$65.47	\$74.82	\$ 84.17	\$ 93.52	\$112.23
\$ 0.16	\$39.54	\$44.89	\$49.88	\$59.85	\$69.83	\$79.81	\$ 89.78	\$ 99.76	\$119.71
\$ 0.17	\$42.01	\$47.70	\$53.00	\$63.59	\$74.19	\$84.79	\$ 95.39	\$105.99	\$127.19
\$ 0.18	\$44.48	\$50.50	\$56.11	\$67.34	\$78.56	\$89.78	\$101.00	\$112.23	\$134.67
\$ 0.19	\$46.95	\$53.31	\$59.23	\$71.08	\$82.92	\$94.77	\$106.62	\$118.46	\$142.15
\$ 0.20	\$49.42	\$56.11	\$62.35	\$74.82	\$87.29	\$99.76	\$112.23	\$124.70	\$149.64

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