



*Ambient space temperatures should be around 70°F to gain full performance of low wattage fluorescent lamps.

FOR MORE INFORMATION GO TO: www.LowWattT8.com

Building owners around the region are enjoying significant savings by incorporating low-wattage T8 lamps into their lighting maintenance solutions. By switching from 32-watt T8 to 28- or 25-watt T8 lamps, you can:

- Improve your bottom line and cut costs by up to 23%
- Reduce maintenance with 50% fewer trips up the ladder
- Enjoy longer lamp lifetimes, up to 84,000 hours
- Install easily thanks to compatibility with existing ballasts

LOW WATTAGE T8 SAVINGS CALCULATOR

REPLACE WITH 28W LAMPS

	Hours of Operation	Bulbs/ Fixture	Watt Reduction /Fixture	Annual Savings/ Fixture*	Annual Savings 500 Fixtures	Annual Savings 1000 Fixtures
OFFICE BUILDING	3432	2	8	\$2.20	\$1,098.24	\$2,196.48
	3432	3	12	\$3.29	\$1,647.36	\$3,294.72
	3432	4	16	\$4.39	\$2,196.48	\$4,392.96
SCHOOLS (K-12)	2990	2	8	\$1.91	\$956.80	\$1,913.60
	2990	3	12	\$2.87	\$1,435.20	\$2,870.40
	2990	4	16	\$3.83	\$1,913.60	\$3,827.20
RETAIL (GROCERY)	5824	2	8	\$3.73	\$1,863.68	\$3,727.36
	5824	3	12	\$5.59	\$2,795.52	\$5,591.04
	5824	4	16	\$7.45	\$3,727.36	\$7,454.72
RETAIL (DRUG STORE)**	4368	2	8	\$2.80	\$279.55	\$419.33
	4368	3	12	\$4.19	\$419.33	\$628.99
	4368	4	16	\$5.59	\$559.10	\$838.66

REPLACE WITH 25W LAMPS

	Hours of Operation	Bulbs/ Fixture	Watt Reduction /Fixture	Annual Savings/ Fixture*	Annual Savings 500 Fixtures	Annual Savings 1000 Fixtures
OFFICE BUILDING	3432	2	14	\$3.84	\$1,921.92	\$3,843.84
	3432	3	21	\$5.77	\$2,882.88	\$5,765.76
	3432	4	28	\$7.69	\$3,843.84	\$7,687.68
SCHOOLS (K-12)	2990	2	14	\$3.35	\$1,674.40	\$3,348.80
	2990	3	21	\$5.02	\$2,511.60	\$5,023.20
	2990	4	28	\$6.70	\$3,348.80	\$6,697.60
RETAIL (GROCERY)	5824	2	14	\$6.52	\$3,261.44	\$6,522.88
	5824	3	21	\$9.78	\$4,892.16	\$9,784.32
	5824	4	28	\$13.05	\$6,522.88	\$13,045.76
RETAIL (DRUG STORE)**	4368	2	14	\$4.89	\$489.22	\$733.82
	4368	3	21	\$7.34	\$733.82	\$1,100.74
	4368	4	28	\$9.78	\$978.43	\$1,467.65

*Assumes energy cost of \$.08/kWh

**Savings for retail drug store are for 100 and 150 fixtures

SAVINGS CALCULATOR FORMULA:

$$\text{Watt Reduction} = 4 \text{ (if switching to 28W) OR } 7 \text{ (if switching to 25W) } \times \text{[#] Lamps per Fixture}$$

$$\text{kWh Saved per Fixture per Year} = \frac{\text{[Hours of Operation]} \times \text{[Watt Reduction]}}{1,000}$$

$$\text{\$ Saved per Fixture per Year} = \text{[kWh Saved per Fixture per Year]} \times \text{Cost per kWh}$$

$$\text{\$ Saved per Year} = \text{[\$ Saved per Fixture per Year]} \times \text{[# of Fixtures]}$$