

	SilverSpark Lighting	Standard T8 Fluorescent	Standard T12 Fluorescent	* Philips 22W LED T8 Endura Tube	Philips Instafit LED T8	* Imported T8 AC Tube
Type	Green LED	Fluorescent	Fluorescent	LED	LED	LED
System Wattage	8	32	32	22	14.5	18
Color Temperature (K)	Cool/Warm	Warm White	Warm White	Cool White	Warm White	Warm White
Annual Operating Watt Hours 8,760hours	70,080	280,320	280,320	192,720	127,020	157,680
Annual Cost @ \$0.16 Per KW Hour (AVG)	\$11.21	\$44.85	\$44.85	\$30.84	\$20.32	\$25.23
Lumens Per Tube	2900	2800	2800	1650	1500	2100
AC operation	Yes	No	No	Yes	No	Yes
DC / Battery/ Solar Operation	Yes	No	No	No	No	No
Electronic Ballast Operation	Yes	Yes	No	No	Yes	No
Magnetic Ballast Operation	Yes	No	Yes	No	No	No
Solid State Electronics	Yes	No	No	No	No	No
High Efficiency	Yes	No	No	No	No	No
Produces NO HEAT	Yes	No	No	No	No	No
Life Hours till recommended replacement	100,000	5,000	5,000	40,000	40,000	20,000
Annual Tube changes per 10 years	0	20	20	2	2	4
Glass Free	Yes	No	No	Yes	Yes	Yes
Non-Hazardous Waste Disposal	Yes	No	No	Yes	Yes	Yes
Works in ALL FIXTURES	Yes	No	No (obsolete)	No	No	No
Cost of Installation per Unit Average	\$2	\$2	\$2	\$50	\$2	\$50
Cost of OWNERSHIP (10 year period)	\$39	\$225	\$225	\$223	\$99	\$125
Cost of POWER (10 year period)	\$112	\$449	\$449	\$308	\$203	\$252
<b>TOTAL COST over 10 year Period</b>	<b>\$153</b>	<b>\$676</b>	<b>\$676</b>	<b>\$581</b>	<b>\$304</b>	<b>\$427</b>
<b>ROI (return on investment)</b>	<b>1 Yr</b>	<b>Std</b>	<b>Obsolete</b>	<b>5 Yr</b>	<b>5 Yr</b>	<b>5 Yr</b>
<b>Bottom Line Results &gt;&gt;</b>	<b>BEST TECHNOLOGY</b>	<b>* Requires Re-wiring Fixture at additional cost</b>				