

Light Tape[®] Lifetime Guidelines

Light Tape[®] is essentially a flat light bulb utilizing phosphors as a light source similar to Plasma televisions. The brightness of the lamp is directly correlated to the amount of current supplied to illuminate the lamp. The lower the brightness or current, the longer the phosphor lifetime. Adjusting the brightness will alter the lifetime curve. Other options, such as flashing, will double the useful life.

To optimize the illumination versus lifetime balance, it is important to consider the ambient light of your venue. The appropriate illumination effect should be determined on a per application basis. We can preset power supplies or adjustments can be made on-site to match customer requirements.

Brightness	27 candela/m² - 8 foot lamberts
Life Expectancy*	20,000 to 40,000 hours
Continuous	5 to 10 years
Flashing	9 to 20 years
Operating Parameters	200 volts
Brightness**	100 candela/m² - 30 foot lamberts
Life Expectancy*	10,000 - 20,000 hours
Continuous	3 to 5 years
Flashing	6 to 14 years
Operating Parameters	250 volts
Brightness	200 candelas/m² - 60 foot lamberts
Life Expectancy*	3,000 - 5,000 hours
Continuous	6 to 18 months
Flashing	12 to 36 months
Operating Parameters	300 volts

* Life expectancy based on operating Light Tape[®] 8 hours per day.

* Range varies based on phosphor type, i.e. Natural vs. Extreme Series

** Standard brightness and factory setting unless specified