



## 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.

<b>Brightness **</b>	<b>27 candela/m<sup>2</sup> - 8 foot lamberts</b>
<b>Life Expectancy*</b>	<b>20,000 to 40,000 hours **</b>
<b>Continuous</b>	<b>5 to 10 years</b>
<b>Flashing</b>	<b>9 to 20 years</b>
<b>Operating Parameters</b>	<b>200 volts</b>
<b>Brightness **</b>	<b>100 candela/m<sup>2</sup> - 30 foot lamberts</b>
<b>Life Expectancy*</b>	<b>10,000 - 20,000 hours **</b>
<b>Continuous</b>	<b>3 to 5 years</b>
<b>Flashing</b>	<b>6 to 14 years</b>
<b>Operating Parameters</b>	<b>250 volts</b>
<b>Brightness **</b>	<b>200 candelas/m<sup>2</sup> - 60 foot lamberts</b>
<b>Life Expectancy*</b>	<b>3,000 - 5,000 hours **</b>
<b>Continuous</b>	<b>6 to 18 months</b>
<b>Flashing</b>	<b>12 to 36 months</b>
<b>Operating Parameters</b>	<b>300 volts</b>

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

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

**Note: Standard brightness and factory setting unless specified**