



# LED Festoon Lamps

**Phantom™ Lighting** offers LED replacement lamps to retrofit existing festoon lamps. The LED festoon lamps are available in a 0.6 watt, 12VA and 24VAC models in several popular color temperatures such as 2700K, 3500K, and 5000K. Our LED lamps produce very little forward throw heat, no UV rays and have an average lamp life of 40,000 hours. This offers added value to the festoon system as an energy-efficient solution. The superior advantages delivered by the Phantom bulb replacements are primarily due to the unique engineering used to design festoon LED lamps. Each unit consists of six (6) diodes placed in close proximity to one another that generate a combined, radiant field of high-intensity, low-voltage light. These LEDs operate at minimal amperage levels and are specifically intended to ultimately replace 5-7 watt incandescent and Xenon festoons altogether. Because they do not require DC inverters, and because they replace larger transformers and dimmers with much smaller equivalents, Phantom LED bulb replacements constitute a synthesis of high-intensity lighting and low-profile design.

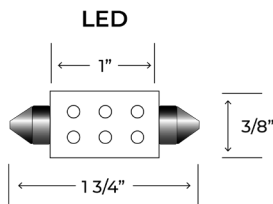
## LED FESTOON LAMP FEATURES

- Easy to install
- Longer lamp life than Xenon festoons
- 0.6 Watts per lamp
- Higher Lumen output
- Constant color dimming
- Cost and energy efficient
- 40,000 hour average lamp life
- Operates at minimal amperage levels
- Choice of color tones 2700K, 3500K, 5000K

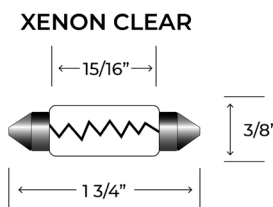


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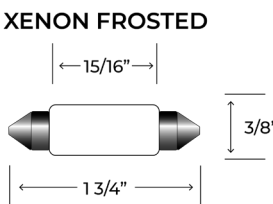
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LED FESTOON LAMP					
Item #	Voltage	Wattage	Color Temp	Lumens	Avg. Lamp Life
<b>272</b>	12V	0.6W	2700K	44.3	40,000 hours
<b>352</b>	12V	0.6W	3500K	45.6	40,000 hours
<b>502</b>	12V	0.6W	5000K	48.1	40,000 hours
<b>274</b>	24V	0.6W	2700K	45.1	40,000 hours
<b>354</b>	24V	0.6W	3500K	46.5	40,000 hours
<b>504</b>	24V	0.6W	5000K	48.7	40,000 hours



CLEAR XENON FESTOON LAMP					
Item #	Voltage	Wattage	Color Temp	Lumens	Avg. Lamp Life
<b>312XCL</b>	12V	3W	2800K	25	20,000 hours
<b>512XCL</b>	12V	5W	2800K	50	20,000 hours
<b>102XCL</b>	12V	10W	2800K	120	20,000 hours
<b>324XCL</b>	24V	3W	2800K	30	10,000 hours
<b>524XCL</b>	24V	5W	2800K	50	15,000 hours
<b>104XCL</b>	24V	10W	2800K	120	10,000 hours



FROSTED XENON FESTOON LAMP					
Item #	Voltage	Wattage	Color Temp	Lumens	Avg. Lamp Life
<b>312XFR</b>	12V	3W	2800K	25	20,000 hours
<b>512XFR</b>	12V	5W	2800K	50	20,000 hours
<b>102XFR</b>	12V	10W	2800K	120	20,000 hours
<b>324XFR</b>	24V	3W	2800K	30	10,000 hours
<b>524XFR</b>	24V	5W	2800K	50	15,000 hours
<b>104XFR</b>	24V	10W	2800K	120	10,000 hours