



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model 530-001 LED Strobe with Constant-On Feature

General Information

This data sheet applies to the Model 530-001 LED Strobe, which features an LED tower for constant-on and flashing operation with secondary contacts for auxiliary equipment. The glow of the LED tower remains constant for area location and flashes on and off at 240 flashes per minute when activated by an emergency telephone.

The LED strobe is designed for top-of-pole mounting, wall mounting, or surface mounting.

The unit is equipped with a 3/4-inch NPT female pipe thread in the base; a pipe nipple or conduit with a corresponding thread should be used for mounting the units. For wall or surface mounting, the GAI-Tronics Model 4115A Mounting Assembly Kit is recommended.

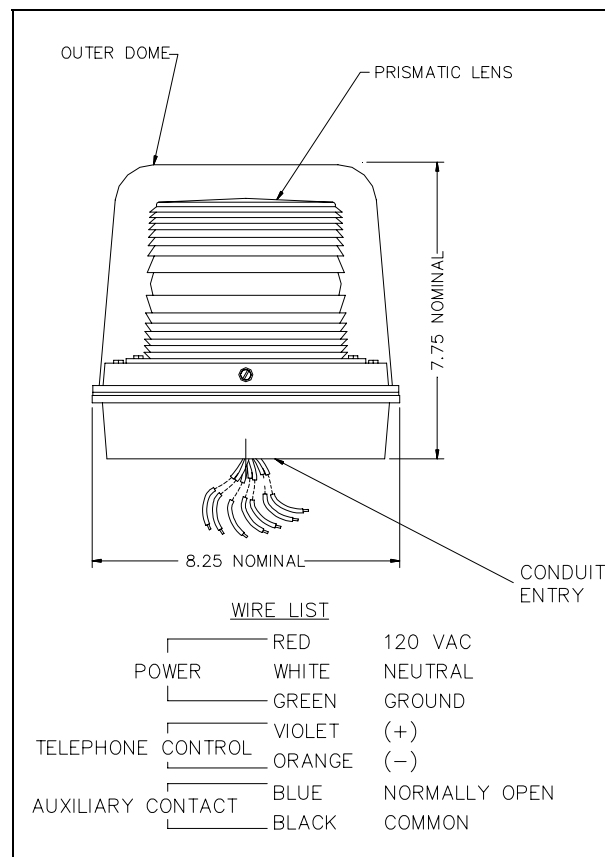


Figure 1. Model 530-001 LED Strobe Outline

⚠ WARNING ⚠ Research indicates that a small portion of the general population, (approximately 1 in 100,000) with Photosensitive Epilepsy (PSE) may experience epileptiform seizures upon exposure to certain visual stimuli including lights flashing in excess of 3 Hz (180cpm). Individuals with positive photic response to visual stimuli who are prone to seizures, such as persons with epilepsy, should avoid prolonged exposure to environments in which flashing lights are activated.

Specifications

Operating voltage.....	120 V ac @ 60 Hz
Nominal current	0.44 amperes
NOTE: The rated 0.44A current at 120 V ac 60 Hz is average during operation of the steady lights or strobing LED. A short duration inrush current as high as 45 amps may be experienced when power is first applied to the strobe. Current limiting and/or current protection devices should be specified accordingly.	
Rated LED life	Up to 100,000 hours
Flash rate.....	240 flashes per minute
Auxiliary contact maximum rating	2 amps @ 240 V ac 2 amps @ 30 V dc
Operating (environment) temperature range.....	-40° C to +66° C (-40° F to +150° F)
Environmental.....	NEMA-3R (when mounted with dome upright)
Terminations (ac, control, auxiliary contact).....	15-foot, 18 AWG wire
Construction:	Base:Die-cast aluminum (light gray, baked enamel finish)
	Dome:Polycarbonate (blue)
Dimensions	7.75 H × 8.25 W inches (196.85 × 209.55 mm)
Shipping weight	7.5 lbs.
Mounting.....	¾-14 NPT female
Approvals.....	UL/cUL
LED Coil Data	
Nominal voltage.....	24 V dc
Nominal current	14 mA