

**binay**  
**LED- BASED WARNING, ALARM AND TOWER LIGHTS**

***Binay LED Warning and Alarm Lights are characterised by extremely low power consumption and high resistance to shock and vibration, apart from their maintenance-free aspect (achieved as a result of solid-state light emitting diode technology)***

Binay LED-based Warning Lights have a normal life of 100,000 hours, or 11 years calculated on a continuous burning basis. As a result of the solid-state LED construction, they are vibration-proof and shock-resistant, thus making them **ideal for use on indoor machinery and moving objects**. Binay's patented electrical circuit design enables extremely low power consumption in contrast to conventional filament or gas discharge lights (which have a power consumption of 50 to 100 watts or more). Electric Flasher circuits can also be provided.

These LED Warning Lights are available in various light intensities (rated in millicandelas or mcd) and can be designed for any voltage rating from 24V to 240V AC. They come with a free-replacement guarantee of three years (from the date of purchase) against operational failure.

These Warning and Alarm Lights are available in two basic models:

**BINAY LED WARNING LIGHT MODEL WL-1**  
(Dimensions – base diameter 182mm; lens. diameter 120mm; height 215mm):

This model has 240 LEDs and is available in 24V, 110V, or 240VAC in red, green or yellow colours. The base is of die-cast aluminium. The dome is made of hard weather-resistant plastic, and the unit can be used outdoors as it is designed to meet IP54 requirements. Dielectric strength is 2KV for 1 minute; insulation resistance 50 megohms at 500V DC.

Blue and pure white colours are also available. Flasher units are available to provide a flash function for the Warning Light.



...Continued overleaf



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**I N V E N T I N G   N E W   T E C H N I Q U E S   O F   P R O D U C I N G   L I G H T**

Note: In the interests of continuous improvement, all dimensions are approximate and are subject to change without notice.

### **BINAY LED ALARM LIGHT MODEL WL-2**

(Dimensions – base diameter 106mm; lens. diameter 70mm; height 139mm):

This model has 60 to 100 LEDs, depending on the colour. It is available in standard voltage ratings from 24VAC/DC to 240VAC in red, green, yellow, orange, blue and pure white colours. The body is of rust-resistant metal, with a semi-transparent tubular acrylic cover. The body can be fitted to any support by means of the mounting holes on the base.

A flasher unit (available separately) can be added to provide a flash function.

This type is suitable for use as a machine failure alarm, where visibility is required over short distances.



### **BINAY LED TOWER LIGHT**

The BINAY Tower Warning Light is basically similar in physical construction to the Model WL-2 Alarm Light (as described above). It essentially consists of separate WL-2 units stacked one on top of the other in a modular form. Modular units in red, green, yellow, orange blue and pure white colours are available, in standard voltage ratings from 24VAC/DC to 240VAC.

An Audio Module is also available (specify volume intensity desired – high or low).



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