

**binay**  
**PowerLED Flood/Search Light**

***BINAY's PowerLED Flood/Search Lights provide a long-life, low power solid-state solution for outdoor and indoor façade lighting and similar applications***

The BINAY PowerLED white **Flood Light / Search Light** models have been essentially designed for the following applications:

- A. Powerful flood lighting applications (with wide beam lenses)
- B. As high power uplighters for highlighting the exterior of building facades (from the bottom of the building upwards)
- C. (With focussed beam lenses), as a powerful spot light/search light

These units have the following advantages over conventional filament-bulb/halogen flood lights:

- Long life (100,000 hours)
- Low Power Consumption (around 65 watts)
- Completely shock-resistant and vibration-proof, due to its solid-state LED construction
- Can withstand large variation in input voltage without change in light output.

Details of the same are as follows:

- *Housing: Die cast aluminium alloy LM24 in IP55 or IP65 protection*
- *Cover: Tempered protective toughened glass, 5mm thick, shock and impact resistant*
- *Finish: Epoxy, powder-coated*
- *Mounting : Wall/ceiling/roof/bay mounting, using built-in bracket*
- *LEDs: COB Power LEDs, InGaN flipchip or high conductivity vertical metal substrate Mvp LED chip with photon Injectors using phosphor converter in silicone medium. All Power LEDs are provided with lenses to provide focused light to various angles*
- *Colour: White 6500°K*
- *Illumination : 70 Lux or greater at 20 feet (for 49-L model)*
- *Burning-hours life: 100,000 hours; warranty of 5 years.*

The current range comprises of the following models:

<b>Model No.</b>	<b>Wattage consumption</b>	<b>Lumen-level Replacement for</b>
<i>Model 49L PowerLED S/F Light</i>	<i>75W approx.</i>	<i>250W HPSV/150W MH</i>
<i>Model 3618L PowerLED S/F Light</i>	<i>50W approx.</i>	<i>150W HPSV/70W MH</i>

***Being small and light, the Model 3618L can also be used as a handheld lighting unit.***



***BINAY 49-L PowerLED Flood/Search Light***



**binay opto electronics private ltd.**

44, Armenian Street, Calcutta 700 001, India  
Telephone: (033) 22429082, 22102039, 22103807

Fax: 91-33-22421493

**Website: [www.binayLED.com](http://www.binayLED.com)**

email: [info@binayLED.com](mailto:info@binayLED.com), [binay@vsnl.com](mailto:binay@vsnl.com)