

## binay PowerLED Inspection Hand Lamp

**The BINAY PowerLED Inspection Hand Lamp provides a long-life and reliable solid-state illumination solution for industrial work inspection illumination applications**

BINAY PowerLED Inspection Hand Lamps utilize a light source comprised of multiple high power white LEDs, and offer the following benefits:

- Very low power consumption – only 6-9 watts
- Long life (over 50,000 burning hours), which ensures zero maintenance costs; covered under 3-year warranty
- Greatly reduced fire hazard; As the light source is non-incandescent in nature, the unit does not heat up even with prolonged use
- Completely shock proof, as the light source is comprised of solid state power light emitting diodes, with no filament to break
- Cool light output, with no heat radiation; NO infra-red or ultra-violet radiation
- Light and portable; robust and sturdy design
- Directional light, focusing only on the work area, thus no glare to the eye
- **Low voltage (24V) operation at light source possible; no danger of electric shock**
- Environment-friendly operation (as they contain no mercury or heavy metals, as in fluorescent lights)

Being light and portable in design, the BINAY PowerLED Inspection Hand Lamp is ideal for use in work inspection illumination in the factory. The light output pattern is designed to be directional, so that the user is not affected by glare to the eyes.

This product is available in two design versions:

**BOX Design model:** The housing of the unit is made of corrosion-protected aluminium, and is provided with an insulated handle made of durable nylon.

**LINEAR Design model:** This is in the form of a linear design for more convenient operation, with body and grip in insulated rubberized construction.

The unit is designed to be safe and shock-proof, and the product housing is tested to withstand a dielectric breakdown insulation test of 2KV between input terminal and body. The insulation resistance is greater than 500 megohms.

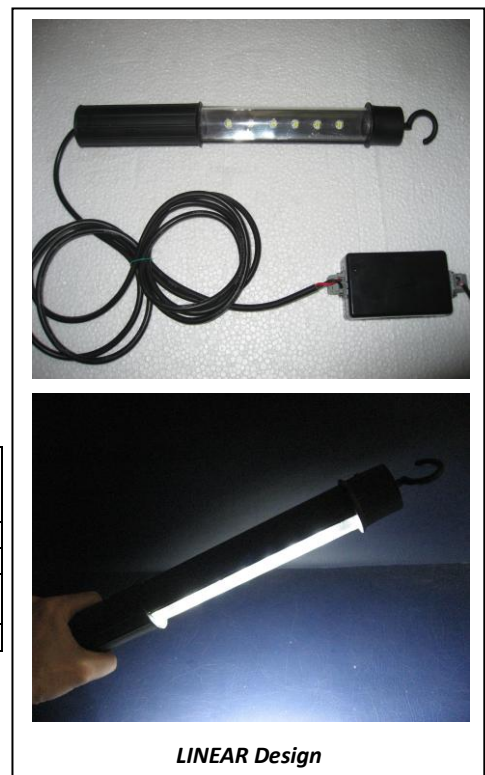
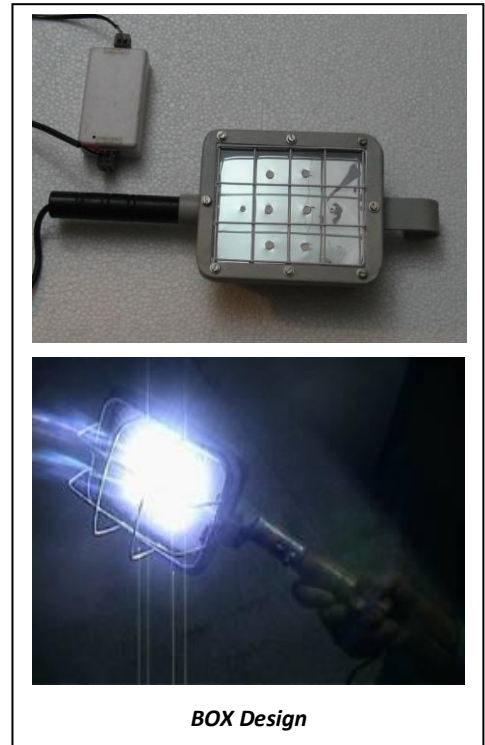
#### Technical Specifications

- **Dimensions** (Note: All dimensions are approximate)
  - **Box model** – Dimensions of light head (approx.): 172mm (Length) x 145mm (Width) x 51mm (Height with grill); Length of handle: An additional 125mm
  - **Linear model** – Overall length: 410mm; diameter of grip 45mm
- **Input voltage of PowerLED Hand Lamp light head unit: Integral 24VAC/DC (Box model only) OR 230VAC with external Driver unit (NOTE: Order as per requirement)**
- **Current rating:** 350mA (supplied by included Driver);
- **Wattage:** 6 watts / 9 watts (approx.)
- **Colour:** Cool White (6500°K)

The following basic models are available

MODEL	WATTAGE	LUMENS	EFFECTIVE VISUAL EQUIVALENT
Model HL-BX-4P (Box Design) Standard Intensity	6W	400	60W filament bulb
Model HL-BX-6P (Box Design) High Intensity	9W	800	100W filament bulb
Model HL-LN-4P (Linear Design) Standard Intensity	6W	400	60W filament bulb
Model HL-LN-6P (Linear Design) High Intensity	9W	800	100W filament bulb

**NOTE:** In both designs, an external 230VAC-24V Driver unit provides 24V input to the Hand Lamp light head through a double-sheath ISI-grade cable (of minimum length 2m). Alternatively, all models are also available in 24VAC/DC rating (integral in Box Design, external Driver in Linear Design)



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