



## 4 UV LED | 1 WHITE LIGHT LED MIDLIGHT OR FLOODLIGHT MAINS OR BATTERY

**MAKES IT BRIGHT**

The Labino MidBeam Light is part of a new generation of products that Labino is introducing to the market. These unique new lights have one common characteristic; they weigh less, than many comparable products in the market today. MidBeam in particular is a handheld lamp, extremely compact in size, with a housing diameter of just 3.15 inches! MidBeam is available as Battery or Mains. The mains operated model weigh just 440 grams (0.97 lbs) and the battery operated model weigh 560 grams (1.23 lbs)! The light weight and compact size makes it extremely easy for the user to operate and carry around even the most difficult inspection areas and structures. This is made possible without compromising the performance of the lamp.

Each MidBeam consists of 4 LEDs offering a very even beam. It is also equipped with a white light LED for after inspection. The start button provides instant power and the light is operated with a multifunctional switch – UV / OFF / White Light – on the handle for ease of use. It is easy for the battery version to switch batteries. The location of the batteries (inside pistol handle) makes the ergonomics of the unit stable. Four batteries are provided and two are needed to operate. The design of the mains version makes it easy to support the light with a common stand on a bench.



The heat generated from the LEDs is managed via a mechanical cooling system – no fans necessary! MidBeam is 100% free from UV-B and the LEDs emit almost no visible light due to a visible light filter. It is compliant with ASTM UV-A intensity and wavelength specifications for FPI and MPI. IP65 approved for dust and water jetting proof.

### TECHNICAL SPECIFICATIONS:

#### Light Beam

- i. Midlight  $\approx > 4\,500\ \mu\text{W}/\text{cm}^2$   
at 38 cm (15 inches)  
Ø 200 mm (total area with a minimum intensity of  $1000\ \mu\text{W}/\text{cm}^2$  at 38 cm)
- ii. Floodlight  $\approx 3\,500\ \mu\text{W}/\text{cm}^2$   
at 38 cm (15 inches)  
Ø 250 mm (total area with a minimum intensity of  $1000\ \mu\text{W}/\text{cm}^2$  at 38 cm)

#### LED

- i. 4 UV LED, peak at 365 nm
- ii. 1 White Light LED

#### Visible light from UV LED

- i.  $\approx 1\ \text{Lux}^1 / 0.09\ \text{Foot Candle}^1$   
(380-780 nm)

#### Battery

- i. 2200 mAh Lithium-Ion, 3.7 volts
- ii. Running time: approx. 1.5 hrs
- iii. Charging time: approx. 8 hrs
- iv. Requires 2 batteries to operate
- v. Equipped with a current regulator to keep the intensity stable when the battery fades

#### Charger

- i. One 100-240 VAC charger for use from electrical outlet
- ii. Capacity: two batteries can be charged simultaneously
- iii. One 12 V charger for use in vehicle

#### Power Supply for Mains

- i. 100-240 V
- ii. 50-60 Hz
- iii. Operated by separate PSU with self-selecting voltage

#### Cable for Mains

- i. Volt: 5 V
- ii. Length: 1.5 m (4.5 feet)

#### Additional Information

- i. Weight: without battery: 440 gr (0.97 pounds); with battery: 560 gr (1.23 pounds)
- ii. Housing diameter: 80 mm (3.15 inches)
- iii. Start-up time: Instant-on operation with immediate full power
- iv. Material in housing: anodized aluminium
- v. Equipped with a current regulator to keep the intensity stable when the battery fades
- vi. CE approved
- vii. IP43 classified

<sup>1</sup> The standard EN 3059 5.2 and ISO 9934-3 recommend the use of a UV-block filter on the sensor of the Visible light meter eliminating all UV (below 380 nm).

### DISTRIBUTOR:

