



MAKES IT BRIGHT

365 nm | NO UV-B | NO VISIBLE LIGHT MIDLIGHT OR FLOODLIGHT

- The Labino® BB Helios UV Led Duo Power is a portable lamp based on UV LED technology. The lamp is battery operated, but it is possible to run the unit via mains while charging the battery.
- The light emitting diodes emit a beam of light that is “evenly” distributed. The lamp is available in two different beams – Midlight and Floodlight.
- The Labino® BB Helios UV Led is 100% free from UV-B.
- The diodes emit almost no visible light¹.
- Its compact size makes it easy to work with and with an instant-start function you get full power immediately.
- At a distance of 380 mm the Labino BB Helios UV Floodlight has an initial intensity of approximately 5 000 $\mu\text{W}/\text{cm}^2$. The Midlight version has an initial intensity of more than 8 000 $\mu\text{W}/\text{cm}^2$.
- Manufactured in Sweden.



TECHNICAL SPECIFICATION – BATTERY OPERATED

Light Beam Helios

- Midlight $\approx 8\,000 - 8\,500 \mu\text{W}/\text{cm}^2$ 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)
- Floodlight $\approx 5\,000 - 5\,500 \mu\text{W}/\text{cm}^2$ 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

- LED: 9 UV Led
- Wavelength: UV-A, peak at 365 nm

Visible light

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

Handle

- Pistol Handle

Voltage

- Charger: 100-240 VAC

Internal Battery

- 14.8 V Li-ion accumulator
- Running time: 2 hr 30 min +/- 5%
- Charging time while not operating the lamp: approx. 1 hr and 20 min
- Charging time while operating simultaneously via mains: 4 hrs
- Charge from mains via wall socket charger

Additional Information

- Weight: 1.7 kilos (3.74 pounds)
- Housing diameter: 140 mm (5.67 inches)
- Start-up time: Instant-on operation with immediate full power
- Material in housing: anodized aluminium, plastics PA6-30
- Equipped with a current regulator to keep the intensity stable when the battery fades
- CE approved
- IP65 classified, dust and temporary water jetting proof

¹ The standard EN 3059 5.2 and ISO 9934-3 recommend to use a UV-block filter on the sensor of the Visible light meter eliminating all UV (below 380 nm) to get the accurate amount of visible light.