



**MAKES IT BRIGHT**

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

- The Labino® BigBeam **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® BigBeam Helios UV Led is 100% free from UV-B.
- The diodes emit almost no visible light<sup>1</sup>.
- 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 BigBeam Helios UV Floodlight has an initial intensity of approximately 5 500  $\mu\text{W}/\text{cm}^2$ . The Midlight version has an initial intensity of approximately 8 500  $\mu\text{W}/\text{cm}^2$  (the intensity goes down with approximately 500  $\mu\text{W}$  after it has been warmed up).
- Manufactured in Sweden.



## TECHNICAL SPECIFICATION – BATTERY OPERATED

### Light Beam

- Midlight  $\approx$  8 500-8 000  $\mu\text{W}/\text{cm}^2$  at 38 cm (15 inches)  
Ø 275 mm (total area with a minimum intensity of 1200  $\mu\text{W}/\text{cm}^2$  at 38 cm)
- Floodlight  $\approx$  5 500-5 000  $\mu\text{W}/\text{cm}^2$  at 38 cm (15 inches)  
Ø 330 mm (total area with a minimum intensity of 1200  $\mu\text{W}/\text{cm}^2$  at 38 cm)

### LED

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

### Visible light

- $\approx$ 1 Lux<sup>1</sup> / 0.09 Foot Candle<sup>1</sup> (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

**DISTRIBUTOR:**

<sup>1</sup> 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.