

# Labino® SuperXenon 35 & 50 w



## DOCKING BATTERY | SUPER POWERFUL

## MAKES IT BRIGHT

Labino® SuperXenon 50 W UV lamp is one of the most powerful handheld UV lamp on the market! The 50 W Xenon bulb offers an extremely high UV intensity, providing a very clear excitation of fluorescent material. This lamp makes it possible to search very large areas as you can use a floodlight reflector and still see excitations in daylight and at great distances. The SuperXenon is also available with a 35 W bulb if lower intensity is required.

The Labino® SuperXenon lamp contains the electronics and bulb in a single housing and is available with no handle, a pistol handle as well as a top handle. You can chose between three distinctions – floodlight, midlight or spotlight – each giving different beams and intensities.



This product can be operated by two different power systems – battery as well as via a PSU. The battery is a docking battery. You can easily replace to a new battery and charge the used one separate from the light. You can also switch between a battery and mains power supply unit (PSU) on the same lamp by switching the docking devices – both fit to the same lamp. The Labino® SuperXenon lamp obtains full power in 5-15 seconds and can be switched on and off whenever used, without pre-cooling and it is unaffected by magnetic fields. Manufactured in Sweden.

### TECHNICAL SPECIFICATIONS:

#### Floodlight

Distribution angle (beam) approx. 45°

Irradiance:

50w bulb  $\approx 5\,800\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")

35w bulb  $\approx 4\,000\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")

Visible light 50w: < 2 Lux

Visible light 35w: < 2 Lux

#### Midlight

Distribution angle (beam) approx. 20°

Irradiance:

50w bulb  $\approx 17\,000\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")

35w bulb  $\approx 12\,000\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")

Visible light 50w: < 5 Lux

Visible light 35w: < 3 Lux

#### Spotlight

Distribution angle (beam) approx. 3.5°

Irradiance:

50w bulb  $> 60\,000\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")\*

35w bulb  $> 45\,000\ \mu\text{W}/\text{cm}^2$  at 38 cm (15")\*

Visible light 50w: < 13 Lux

Visible light 35w: < 10 Lux

\*Big divergence

#### Mains - Voltage

- 100 -230 VAC
- Operated by separate PSU with self-selecting voltages

#### Battery

- 2 200 mAh Lithium-Ion
- Voltage: 14.8 V
- Running time: 1 hour
- Charging time: 1.5 hours

#### Weight & Cables

- Weight battery operated: 1.9 kilos (4.19 lbs)
- Weight mains operated: 1.4 kilos (3.09 lbs)
- Cable length: 0.7 meters, fully extended 2.8 meters (9 feet)

#### Handles

- Top Handle
- Pistol Handle

#### Additional Information

- Mechanical Stability (bulb): MIL-STD 810
- Service life (bulb):  $\approx 2\,000$  hrs
- Wavelength: UV-A, peak-365 nm
- Start-up time: full power after 5-15 sec
- Material in housing: Magnesium Alloy
- The housing is via pre milled slots prepared for mounting devices
- CE approved
- EN 62471 - Optical Safety: Risk class 3 (High Risk)

#### Included:

Mains: Lamp, Power Supply unit, UV Block Goggles  
Battery: Lamp, 1 Battery, UV Block Goggles

ADVANCED NDT LTD

www.advanced-ndt.co.uk

Advanced NDT Limited

Orchard House, Orchard Close  
Severn Stoke, Worcester, WR8 9JJ, England

Tel: 01905 371460 Fax: 01905 371477

Web: www.advanced-ndt.co.uk

Email: sales@advanced-ndt.co.uk