

LED TORCHES / LED HEADLIGHTS

Small, light and powerful for quick inspections / Compact, light and adjustable, frees your hands during inspections

UVG TORCH SERIES

The Labino UVG2 is a small-sized, lightweight, UV-A LED torch designed for quick inspections in “hard-to-reach” spots. The Labino UVG3 is the same torch equipped with a unique filter for applications where the amount of visible light is critical. This filter eliminates the white light from the lamp and reduces the glare reflected from shiny surfaces i.e. aluminum, when you use the lamp along with UV block goggles. The Labino Torch is also available as white light. The UVG3 Midlight and UVG3 Floodlight are in compliance with ASTM E3022-15.



UVG TORCHES ARE AVAILABLE IN TWO DIFFERENT VERSIONS WITH THE FOLLOWING PERFORMANCE CHARACTERISTICS

Output Characteristics	UVG2			UVG3		
	Spotlight	Midlight	Floodlight	Spotlight	Midlight	Floodlight
Intensity *	>25 000 $\mu\text{W}/\text{cm}^2$	>10 000 $\mu\text{W}/\text{cm}^2$	>2 500 $\mu\text{W}/\text{cm}^2$	>20 000 $\mu\text{W}/\text{cm}^2$	>8 000 $\mu\text{W}/\text{cm}^2$	>2 000 $\mu\text{W}/\text{cm}^2$
Visible light *	<8 Lux / 1.86 fc	<5 Lux / 0.46 fc	<2 Lux / 0.18 fc	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc
Beam >1 200 $\mu\text{W}/\text{cm}^2$ *	Ø 30 mm (1.2 ")	Ø 100 mm (3.9 ")	Ø 130 mm (5.1 ")	Ø 30 mm (1.2 ")	Ø 100 mm (3.9 ")	Ø 130 mm (5.1 ")

* At a distance of 38 cm (15 inches)



UVG HEADLIGHT SERIES

The Labino UVG4 is an LED Head Lamp designed to free the user's hands during an inspection. The lamp can be adjusted in three different angles. The operator can switch the angles of the light during the inspection. The rubber bands are adjustable to fit helmets. The battery is located at the back and there are no cables hanging from the lamp. The Labino UVG5 is the exact same lamp equipped with a filter for applications where the amount of visible light is critical. This filter eliminates the white light from the lamp as in UVG3. The Labino Headlight is also available as white light. The UVG5 Midlight is in compliance with ASTM E3022-15.



UVG HEADLIGHTS ARE AVAILABLE IN TWO DIFFERENT VERSIONS WITH THE FOLLOWING PERFORMANCE CHARACTERISTICS

Output Characteristics	UVG4		UVG5	
	Spotlight	Midlight	Spotlight	Midlight
Intensity *	>25 000 $\mu\text{W}/\text{cm}^2$	>10 000 $\mu\text{W}/\text{cm}^2$	>20 000 $\mu\text{W}/\text{cm}^2$	>8 000 $\mu\text{W}/\text{cm}^2$
Visible light *	<8 Lux / 1.86 fc	<5 Lux / 0.46 fc	<1 Lux / 0.09 fc	<1 Lux / 0.09 fc
Beam >1 200 $\mu\text{W}/\text{cm}^2$ *	Ø 30 mm (1.2 ")	Ø 100 mm (3.9 ")	Ø 30 mm (1.2 ")	Ø 100 mm (3.9 ")

* At a distance of 38 cm (15 inches)



FEATURES

- ◆ UVG Torches and Headlights reach full power instantly. The on/off button is positioned at the back of the torch. Same applies for the headlights, the on/off button is positioned on the battery box at the back. Location of on/off button aims to prevent accidental activation.
- ◆ The length of the torch is 15.9 cm (6.3 inches) and weighs 211 grams (7.4 oz), including battery. Each headlight weighs 271 grams (9.4 oz), including battery.
- ◆ Each UVG light contains one ultraviolet LED that peaks at 365 nm. The life of each LED is estimated at 30,000 hours.
- ◆ Same batteries can be used for both torches and headlights. Each battery has a running time of 4.5 hours (+/- 5%) and can be recharged from a normal outlet or vehicle via a cigarette lighter connection. Each light comes with an extra battery.
- ◆ All UVG lights are equipped with a current regulator that keeps the UV intensity constant even when the battery fades.
- ◆ Certifications: IP65 approved for dust and temporary water jet.

DESIGN YOUR OWN UVG KIT WITH TORCHES

UVG Torches are available as a kit with a customized high quality water proof carrying case for your convenience and to protect the lamp. You can design your own kit based on your needs. Choose one or two torches in your kit.

- A. The Single Torch UVG LED kit contains the torch of your choice, one UVG2 LED torch or one UVG3 LED torch.
- B. The double Torch UVG LED kit can combine one UVG2 LED torch and one UVG3 LED torch OR two UVG2 LED torches OR two UVG3 LED torches. You can also combine a UVG torch (2 or 3) with a white light LED torch, perfect for general industrial post inspection use.

YOUR CHOICE...

- A. **Torch:** UVG2 (clear glass), UVG3 (white light block filter) or White Light
- Headlight:** UVG4 (clear glass), UVG5 (white light block filter) or White Light.
- B. **Beam:** UVG Torches are available in three different beams, Spotlight, Midlight and Floodlight. UVG Headlights are available in two different beams, Spotlight or Midlight.
- C. **Accessories:** Add a carrying case for convenience and design your own kit that includes one or two UVG torches (or a white light torch). Add a tripod to keep your torch still during inspection.
- D. **Plug Type:** EU or UK or US/AS or AU.



TORCH ON TRIPOD

LED: I	Length: 6.3 inches (15.9 cm)
Wavelength: 365 nm (peak)	Weight: 211 grams (7.4 oz)
Estimated LED life time: 30 000 hours	Battery running time: 4.5 hours (+/- 5%)
100% free from UV-B	Recharge from normal outlet or vehicle
Clear glass filter or white light block filter	Current regulator



- INCLUDED WITH TORCH**
1. One Charger for Normal Outlet (Version available EU::UK::US/AS::AU).
 2. One Charger for Vehicle
 3. Two Batteries (1 extra)
 4. UV Goggles.
 5. Belt Holster

- INCLUDED WITH HEADLIGHT**
1. One Charger for Normal Outlet (Version available EU::UK::US/AS::AU).
 2. One Charger for Vehicle
 3. Two Batteries (1 extra)
 4. UV Goggles.



- INCLUDED WITH SINGLE KIT**
1. Torch
 2. One Charger for Normal Outlet (Version available EU::UK::US/AS::AU).
 3. One Charger for Vehicle
 4. Two Batteries (1 extra)
 5. UV Goggles
 6. Belt Holster
 7. Carrying Case



- INCLUDED WITH DOUBLE KIT**
1. Two Torches
 2. One Charger for Normal Outlet (Version available EU::UK::US/AS::AU).
 3. One Charger for Vehicle
 4. Three Batteries (1 extra)
 5. UV Goggles
 6. Belt Holster
 7. Carrying Case