

LED HEAD LIGHTS

*Adjustable and light frees your hands during inspection!
Spotlight or Midlight*

The Labino UVG4 is a 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 and fit helmets as well as heads. The battery is located in the back of the structure and there are no cables hanging from the lamp. The Labino UVG5 is the exact same lamp 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 aluminum when you use the lamp along with UV block goggles.

Both UVG4 and UVG5 reach full power instantly. The on/off button is positioned at the back of the lamp to prevent accidental activation. Each head light weights 271 grams (9.4 oz). The lamp contains one ultraviolet light emitting diode (LED) that peaks at 365 nm. The life of each LED is estimated at 30,000 hours. The battery has a running time of 3 hours (+/- 5%) and can be recharged from a normal outlet or vehicle via cigarette lighter connection. The lamp is also equipped with a current regulator that keeps the UV intensity constant even when the battery fades. Each unit comes with an extra battery.

The Labino Head Light is also available as white light. This small but powerful tool creates more than 10,000 lux (930 foot Candles) within a distance of one meter. The distribution angle is spotlight.

COMPARISON OF INTENSITY AND VISIBLE LIGHT IN UVG4 AND UVG5

	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 $\mu\text{W}/\text{cm}^2$ *	30 mm	100 mm	30 mm	100 mm

* At a distance of 38 cm (15 inches)

****For accurate orders please indicate to your distributor your choice of beam (Spotlight or Midlight), type of lamp (UVG4, UVG5 or White light) and the country to be used in****

**Please contact us for a trial
02 9844 5457/0400 058 668**



LED HEAD LIGHTS



BATTERY BOX



HEADLIGHT BATTERY
OPEN

LED: I
Wavelength: 365 nm
(peak)
Estimated LED life time:
30 000 hours
100% free from UV-B
Clear glass filter or
white light block filter
Weight: 271 grams (9.4 oz)
Battery running time:
3 hours (+/- 5%)
Recharge from normal
outlet or vehicle
Current regulator