

# NOVA

## CSI AND FORENSIC LAB KIT



### 8 LAMPS | SMALL | LIGHT WEIGHT PERFECT LIGHT BEAM

- The Labino Nova Torch is a cordless battery operated torch light based on the LED technology
- The new Nova Torch Light range consists of eight (8) high intensity alternate forensic light sources for crime scene investigation as well as laboratory use
- The light emitting diodes emit a beam of light that is “evenly” distributed
- The torch can be operated with 1 Li-ion battery and offers 180 minutes running time when fully charged
- Its compact size makes it easy to work with and with an instant start function you get full power immediately
- The torch has a low weight for easier handling
- The new Nova Torch light is supplied with tripod for hands-free operation
- Nova Torch Lights are available individually or as cased sets which include 4 goggles, 1 tripod, 1 care charger, 2 battery charger, carrying case and other accessories, please see below



## TECHNICAL SPECIFICATION

### LED

- |           |        |                                 |
|-----------|--------|---------------------------------|
| • UV:     | 365 nm | >16 000 $\mu$ W/cm <sup>2</sup> |
| • Purple: | 0,6 lm | 144 mW                          |
| • Blue:   | 23 lm  | 354 mW                          |
| • Green:  | 60 lm  | 127 mW                          |
| • Amber:  | 20 lm  | 40 mW                           |
| • Red:    | 34 lm  | 209 mW                          |
| • Cyan:   | 45 lm  | 136 mW                          |
| • White:  | 92 lm  | 309 mW                          |

### Battery

- 2200 mAh Lithium-Ion, 3.7 volts
- Running time: approx. 3 hrs
- Charging time: approx. 8 hrs
- Requires one (1) battery to operate

### Charger

- One (1) 100-240 VAC charger for use from electrical outlet
- One (1) 12 V charger for use in vehicle via cigarette lighter connection
- Capacity: two batteries can be charged simultaneously

### Dimensions

- Length: 15.9 cm (6.3 inches)
- Weight exc. battery: 166 gr (5.8 oz)
- Weight inc. battery: 211 gr (7.4 oz)

### Certificate


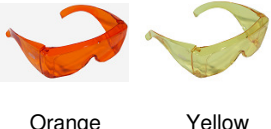
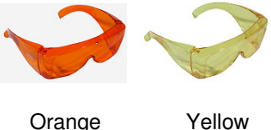
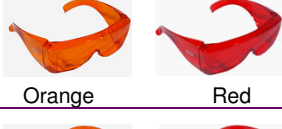
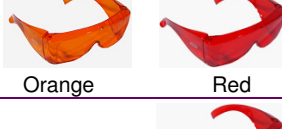


- All components included in the Labino Torch Light lamp are RoHS certified according to 2002/95/EG

### Included in the Kit

- 8 Lamps
- 10 Li-ion batteries (one for each lamp + 2 extra)
- 2 Chargers
- 1 Car charger
- 4 goggles (UV-block, red, orange & yellow)
- 1 Tripod
- 1 Carrying case with custom designed interior (IP67)

# WAVELEIGHT SHEET



Led Light Colour	Wave-length	Band-width	Typical output	Suitable spectagles for contrast	General applications
UV	365 nm	350-395nm	16 000 $\mu\text{W}/\text{cm}^2$	 Orange      Red	General searching Body fluids Fingerprints Bruising Flourescent dyes, powders, stamps and markers
Purple	400 nm	395-405nm	0,60 lm or 144 mW	 Orange      Yellow	Searching for the enhancement of skin injuries, i.e. abrasions and bruises
Blue	455 nm	440-460nm	23 lm or 354 mW	 Orange      Yellow	General searching Body fluids Fibres Basic Yellow 40 Cyanoacrylate
Cyan	505 nm	490-520nm	TBA	 Orange      Red	Ninhydrine, DFO and Superglue (treated fingerprints) and Body fluids
Green	530 nm	520-550nm	60 lm 127 mW	 Orange      Red	Ninhydrine and DFO (treated fingerprints) Body fluids
Amber	590 nm	588-595nm	20 lm 40 mW	 Red	Ninhydrine (treated fingerprints)
Red	625 nm	620-645nm	34 lm 209 mW	 Red	Ninhydrine (treated fingerprints) Hair
White	-	7000-8300 °K	92 lm 309 mW		General searching (foot prints, hair fibre) Ninhydrine (treated fingerprints)

## INCLUDED IN THE LABINO TORCH LIGHT NOVA KIT

Tripod



8 Lamps



2 Chargers  
1 Car charger  
10 Batteries



4 Goggles



1 Case

