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 000µW/cm²
- 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)
### Wavelength Sheet

<table>
<thead>
<tr>
<th>Led Light Colour</th>
<th>Wavelength</th>
<th>Bandwidth</th>
<th>Typical Output</th>
<th>Suitable Spectacles for Contrast</th>
<th>General Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UV</strong></td>
<td>365 nm</td>
<td>350-395nm</td>
<td>16 000 µW/cm²</td>
<td>![Red, Orange]</td>
<td>General searching Body fluids Fingerprinting Bruising Flourescent dyes, powders, stamps and markers</td>
</tr>
<tr>
<td><strong>Purple</strong></td>
<td>400 nm</td>
<td>395-405nm</td>
<td>0.60 lm or 144 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>Searching for the enhancement of skin injuries, i.e. abrasions and bruises</td>
</tr>
<tr>
<td><strong>Blue</strong></td>
<td>455 nm</td>
<td>440-460nm</td>
<td>23 lm or 354 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>General searching Body fluids Fibres Basic Yellow 40 Cyanacrylate</td>
</tr>
<tr>
<td><strong>Cyan</strong></td>
<td>505 nm</td>
<td>490-520nm</td>
<td>TBA</td>
<td>![Red, Orange, Yellow]</td>
<td>Ninhydrine, DFO and Superglue (treated fingerprints) and Body fluids</td>
</tr>
<tr>
<td><strong>Green</strong></td>
<td>530 nm</td>
<td>520-550nm</td>
<td>60 lm 127 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>Ninhydrine and DFO (treated fingerprints) Body fluids</td>
</tr>
<tr>
<td><strong>Amber</strong></td>
<td>590 nm</td>
<td>588-595nm</td>
<td>20 lm 40 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>Ninhydrine (treated fingerprints)</td>
</tr>
<tr>
<td><strong>Red</strong></td>
<td>625 nm</td>
<td>620-645nm</td>
<td>34 lm 209 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>Ninhydrine (treated fingerprints) Hair</td>
</tr>
<tr>
<td><strong>White</strong></td>
<td>-</td>
<td>7000-8300 °K</td>
<td>92 lm 309 mW</td>
<td>![Red, Orange, Yellow]</td>
<td>General searching (foot prints, hair fibre) Ninhydrine (treated fingerprints)</td>
</tr>
</tbody>
</table>

### INCLUDED IN THE LABINO TORCH LIGHT NOVA KIT

- Tripod
- 8 Lamps
- 2 Chargers
  - 1 Car charger
- 10 Batteries
- 4 Goggles
- 1 Case

www.labino.se