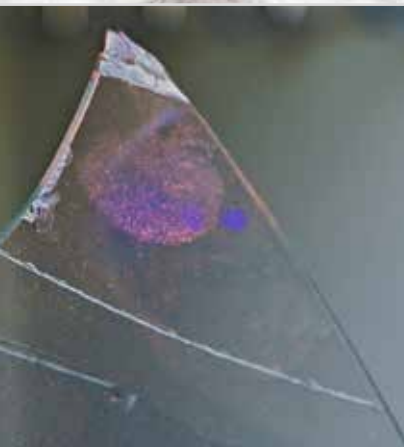


Semen on snow



ISO 9001:2015
CERTIFIED COMPANY



Labino AB
50 Countries – 80 Distributors – 25 Service Centers – 7 Calibration Centers

Advanced NDT Limited
Unit 4 Elgar Business Centre
Moseley Road
Hallow, Worcester
WR2 6NJ, England
Tel: 01905 371460

AdvancedNDT

Web: www.advanced-ndt.co.uk
Email: sales@advanced-ndt.co.uk

The Advanced NDT Limited logo and contact information are located in the top right corner. The logo features a stylized waveform graphic above the company name "AdvancedNDT". Below the logo, the company's full name and address are listed, followed by the telephone number. At the bottom of the block, the website URL and email address are provided.

Contents

UV-A LED Lamps	4
UVG2 2.0 UV-A Flashlight	5
UVG5 2.0 UV-A Headlight	6
ARIS/NOVA Crime Kit Applications	8
BB 2.0 Artemis UV-A Handheld	10
GX Series UV-A Stationery	11
CSI and Forensic Lab Kits	13
Aris Crime Kit	14
Nova 2.0 Crime Kit	15

UV-A LED Lamps

Ultraviolet light peaks at 365 nm and is invisible. It does produce visible fluorescence from certain objects and substances. Use of UV lights varies from document identification to crime scene investigation.

There are certain hazards associated with use of UV lights. IEC/EN 62471 gives guidance for evaluating the photobiological safety of lamps and lamp systems, defines

exposure limits, references measurement techniques and the classification scheme for the evaluation and control of photobiological hazards.

Take adequate protection and do not use more intensity than you need. All Labino lights have been tested in accordance with IEC/EN 62471 and reports are available to you.



UVG2 2.0 UV-A Flashlight



UVG5 2.0 UV-A Headlight



BB 2.0 Artemis UV-A Handheld



GX Series UV-A Stationary

MADE IN

All Labino lights and forensic kits listed in this catalog are manufactured in Sweden and have a unique serial number. A serialized test report is included with every light that illustrates the values generated and proves the properties of every lamp. A country-of-origin and/or an EUR1 certificates stamped by the Swedish chamber of commerce can be supplied upon request.



If you are the owner of a Labino UV-A LED light you are welcome to visit us in Stockholm and take a tour to see where your equipment has been designed, where it has been built, but most important of all, where and how it has been tested to satisfy quality checks. While you are with

us, you can regenerate a unit test report for your lights to prove the properties they carry.

UVG2 2.0 Midlight (PN: L133)

UVG2 2.0 Spotlight (PN: L132)

2 Year warranty

Powerful, large beam and with an Ingress Protection 68. Depending on the model, the beam diameter is 3-4 inches / 8-10 cm and with intensities that vary from $\approx 9\,000$ to $90\,000\ \mu\text{W}/\text{cm}^2$! Battery running times are up to 8 hours. A serialized test report is included with every light that illustrates the values generated and proves the properties of that specific lamp.



ONE UV LED WITH WHITE LIGHT BLOCK FILTER

A high quality UV LED with respective high quality white light block filter to improve contrast.



BATTERY POWERED

Powered by a battery that can be recharged either by a cigarette outlet in a vehicle or a wall outlet. Both chargers are supplied with each unit.



BELT HOLSTER

Each UVG2 2.0 torch is supplied with a belt holster.



RUBBER BUMPER

Protects your light from mechanical impacts and prevents it from rolling.



ON/OFF SWITCH

On/Off switch is positioned at the back to prevent accidental activation.



OLYMPUS MEASUREMENT STAND

Perform evidence analysis using Olympus stand (PN: A542).

UVG5 2.0 Midlight (PN: L128)

UVG5 2.0 Spotlight (PN: L127)

2 Year warranty

Extremely durable! Compact, powerful and adjustable headlight that frees your hands at the crime scene. White light is also included. Depending on the model, the beam diameter is 3-4 inches / 8-10 cm and with intensities that vary from $\approx 9\,000$ to $80\,000\ \mu\text{W}/\text{cm}^2$! Battery running times are up to 14 hours. A serialized test report is included with every light that illustrates the values generated and proves the properties of that specific lamp.

**ADJUSTABLE LIGHT**

The lamp can be adjusted to three different angles.

**BATTERY POWERED**

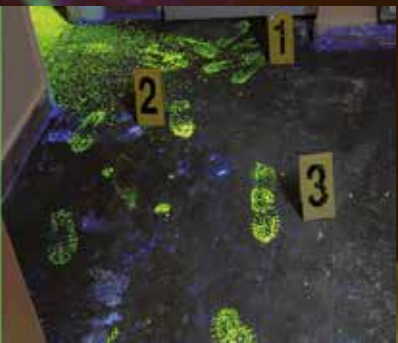
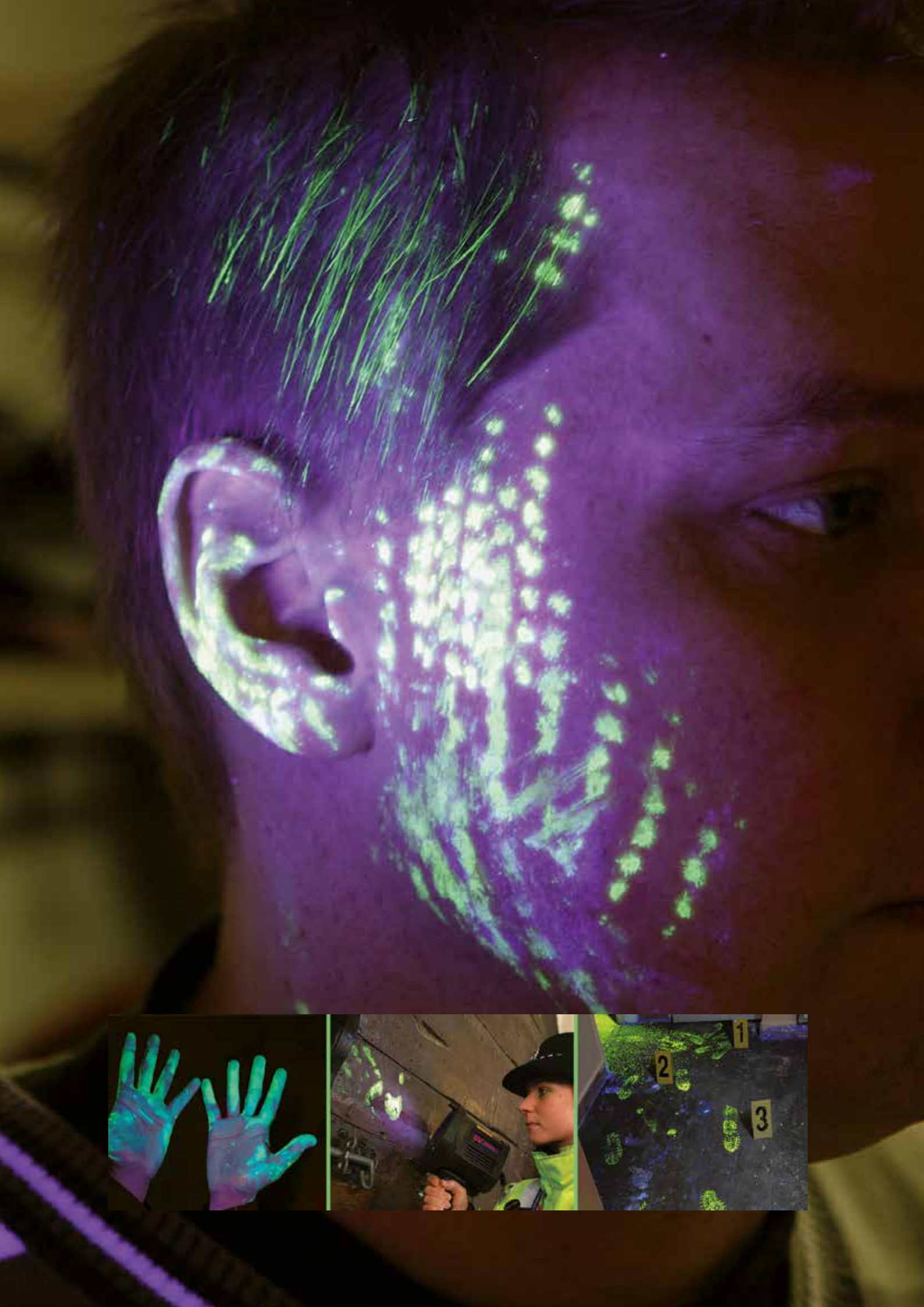
Powered by two lithium batteries that can be recharged either by a cigarette outlet in a vehicle, a wall outlet or a PSU charger (without removing the batteries).

**ONE UV LED WITH WHITE LIGHT BLOCK FILTER AND OPTIONAL FOUR WHITE LIGHT LEDs**

A high quality UV LED with respective high quality white light block filter to improve contrast. Two different white lights: (a) a strong "search" white light for the crime scene and (b) a visual inspection white light.

**ON/OFF SWITCH**

On/Off switch is positioned at the back to prevent accidental activation.



	UV 365 nm	BLUE 455 nm	GREEN 530 nm	AMBER 590 nm	WHITE LIGHT	VIOLET 400 nm	CYAN 505 nm	RED 625 nm
Acid yellow	•	•				•		
Ardrox	•	•					•	
Basic yellow		•					•	
Body bruising & bite marks		•			•	•	•	
Body fluids	•	•	•	•		•	•	
Bone fragments	•	•						
Blood stains	•	•						
Blood spatter		•	•					
Diesel	•		•					
Dust marks	•	•	•	•				
Drug residues	•							
Fibres	•	•	•					
Gunshot residues		•	•		•			•
Hair		•						
Lighter fluid		•	•					
Magnetic red powder		•						
Methylated spirits		•	•	•				•
Mixed Debris	•	•	•	•	•		•	
Ninhydrin		•	•					
Petrol			•					
Redwop		•						
Shoeprints	•	•	•	•	•		•	
Tooth fragments			•	•				





” In nineteen years of service I have had the opportunity to use numerous Alternate Light Sources. The kits manufactured by Labino AB are the most versatile, longest lasting, and rugged systems I have found for both the crime laboratory and at the crime scene ”

Celestina Rossi, Crime Scene Investigator

CID - Crime Laboratory

Montgomery County Sheriff's Office

BB 2.0 Artemis

(AC (Mains) model PN: L1078, Battery model PN: L1079)

2 Year warranty

Powerful, large beam and with an Ingress Protection 68. Beam diameter is 10 inches / 26 cm and with 22 000 $\mu\text{W}/\text{cm}^2$ irradiance. Battery running time is 5 hours. A serialized test report is included with every light that illustrates the values generated and proves the properties of that specific lamp.



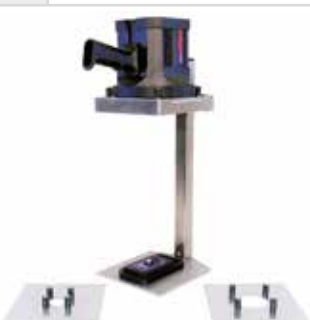
BB 2.0 BATTERY (DUO) OR MAINS ON A FLEXIBLE ARM

All BB 2.0 Series models can be mounted on a flexible arm with the help of a handle adaptor. The flexible arm (PN: A536) can be supplied by Labino.



POWERED VIA BATTERY AND MAINS (DUO) OR JUST MAINS

Powered with your choice of either battery and mains or just mains. The battery version (referred to as DUO) can also be used as mains and operate the lamp while charging the battery.



OPTIONAL MEASUREMENT ACCESSORY "OLYMPUS"

Perform evidence analysis using Olympus stand (PN: A542).



ON/OFF SWITCH

On/Off switch at the back prevents accidental activation.



GX ORION ^{REMOTE} MOTHER UNIT (PN: L3100)

GX ORION ^{UV & WH} EXTENSION UNIT (PN: L3104)

3 Year warranty

Modular overhead UV system that allows you to design the desired covered area by mounting together multiple units. It is certified with an ingress protection marking of IP68 and carries a 3-YEAR warranty.



REMOTE CONTROLLED

A remote control allows you to switch on/off the UV and White Light, change the intensity and set up the timer from a distance.



UV LIGHT ON/OFF FUNCTION:

Powers on / off the UV light. The lamp has a built-in memory function that repeats the last intensity used.

WHITE LIGHT ON/OFF FUNCTION:

Powers on / off the white light, with an illuminance of 1 076 lux (100 fc), at a distance of 12 inches / 30 cm.

DIMMER FUNCTION:

Display shows the dimmer function in 250 steps. The UV irradiance can be increased (+) to achieve the maximum irradiance of 7000 $\mu\text{W}/\text{cm}^2$ at step 250 or decreased (-) to achieve the minimum irradiance of 1 500 $\mu\text{W}/\text{cm}^2$ at step 1, at a distance of 15 inches / 38 cm.

TIMER FUNCTION:

Press + for increased time (up to 480 minutes or 8 hours) and - for decreased time (down to zero). The number of minutes the lamp is programmed to stay on before shutting down automatically is shown on the display.



CSI and Forensic Lab Kits



ARIS Kit

UV-365 nm, Green-530 nm, Blue-455 nm, Amber-590 nm

**NOVA Kit**

Purple-400 nm, Blue-455 nm, Cyan-505 nm, Green-530 nm, Amber-590 nm, Red-625 nm, UV-365 nm, White Light

Shining any visible color light ($\approx 400\text{-}700\text{ nm}$) on objects or substances that fluoresce is a reaction that makes the object to return light of a different color. This fluorescence is typically much weaker in intensity than the light that created it. Therefore, to visualize, the crime scene technician must use filtration that blocks the visible light but allows the fluorescence. For example, if the visible light used is blue, an orange filter is used to block the intense blue light and allow the weak fluorescence. All Labino CSI and Forensic lab kits are equipped with colored goggles and camera filters.



MADE IN

All Labino lights and forensic kits listed in this catalog are manufactured in Sweden and have a unique serial number. A serialized test report is included with every light that illustrates the values generated and proves the properties of every lamp. A country-of-origin and/or an EUR1 certificates stamped by number of commerce can be supplied upon request.



If you are the owner of a Labino colored LED light you are welcome to visit us in Stockholm and take a tour to see where your equipment has been designed, where it has been built, but most important of all, where and how it has been tested to satisfy quality checks.

While you are with us, you can regenerate a unit test report for your lights to prove the properties they carry.

ARIS Crime Kit (Article Number L117)

2 Year warranty



OPTION 2: ARIS SINGLE 530 (Article Number L115) 1 Green-530 nm lamp, 1 orange goggles, 1 charging PSU, 1 external charger, 1 car charger, 2 extra batteries, 1 carrying case, 1 forensic camera filter kit.



OPTION 3: ARIS SINGLE 590 (Article Number L116) 1 Amber-590 nm lamp, 1 red goggles, 1 charging PSU, 1 external charger, 1 car charger, 2 extra batteries, 1 carrying case, 1 forensic camera filter kit.



OPTION 1: Full ARIS Crime Kit (Article Number L117) Includes 4 lamps (1 UV-365 nm, 1 Green-530 nm, 1 Blue-455 nm, 1 Amber-590 nm), 3 contrast goggles (red, orange, yellow), 1 UV protective goggles, 1 charging PSU, 1 external charger for wall outlet, 1 car charger, 2 extra batteries, 1 carrying case to fit all four lamps, forensic camera filter kit.



OPTION 4: ARIS SINGLE 455 (Article Number L114) 1 Blue-455 nm lamp, 1 yellow goggles, 1 charging PSU, 1 external charger, 1 car charger, 2 extra batteries, 1 carrying case, 1 forensic camera filter kit.



Included in forensic camera filter kit: 3 Filters (Red, Orange and Yellow) sized 100 x 84 mm (3.9 x 3.3 inch) each, 1 filter frame, carrying case, 8 camera adaptors (Ø 49 mm, Ø 52 mm, Ø 55 mm, Ø 58 mm, Ø 62 mm, Ø 67 mm, Ø 72 mm, Ø 77 mm).

Nova 2.0 Crime Kit (Article Number L1100)

2 Year warranty



OPTION 2: NOVA Crime Kit – 2 Lights (Article Number L1311) includes 2 colored lamps of your choice, 1 charger for wall outlet, 1 car charger, 2 batteries, 2 belt holsters, 1 carrying case.



OPTION 3: NOVA Crime Kit – 1 Light (Article Number L1310) includes 1 colored lamp of your choice, 1 contrast goggles of your choice, 1 belt holster, 1 charger for wall outlet, 1 car charger, 1 extra battery, 1 carrying case.



OPTION 1: Full NOVA Crime Kit (Article Number L1100) Includes 8 lamps (1 UV-365nm, 1 Purple -400nm, 1 Blue – 455nm, 1 Cyan-505nm, 1 Green-530nm, 1 Amber-590nm, 1 Red-625 and White Light), 3 contrast goggles (red, orange, yellow), 1 UV protective goggles, 1 tripod, 2 chargers for wall outlet, 1 car charger, 10 batteries, 1 carrying case to fit all eight lamps, forensic camera filter kit.



UVG VARIABLE GOOSENECK ARM (P/N: A532): Mount your lamp on a bench, a pipe or other fixed objects and adjust the distance accordingly.



Included in forensic camera filter kit: 3 Filters (Red, Orange and Yellow) sized 100 x 84 mm (3.9 x 3.3 inch) each, 1 filter frame, carrying case, 8 camera adaptors (Ø 49 mm, Ø 52 mm, Ø 55 mm, Ø 58 mm, Ø 62 mm, Ø 67 mm, Ø 72 mm, Ø 77 mm).



Labino North America Customer Service:

Tel: +1 202 888 2025

Email: labino@labino.com



Advanced NDT Limited

Unit 4 Elgar Business Centre

Moseley Road

Hallow, Worcester

WR2 6NJ, England

Tel: 01905 371460

Web: www.advanced-ndt.co.uk

Email: sales@advanced-ndt.co.uk

Labino European Customer Service:

Tel: +46 76677 3406

Email: labino@labino.com



Labino AB shall not be held liable for any errors or omissions resulting from the test procedures that were used in validating performance of any Labino AB product nor for unforeseen errors or omissions in digital or printed material.