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



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# 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).



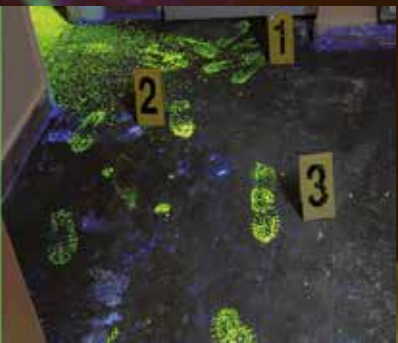
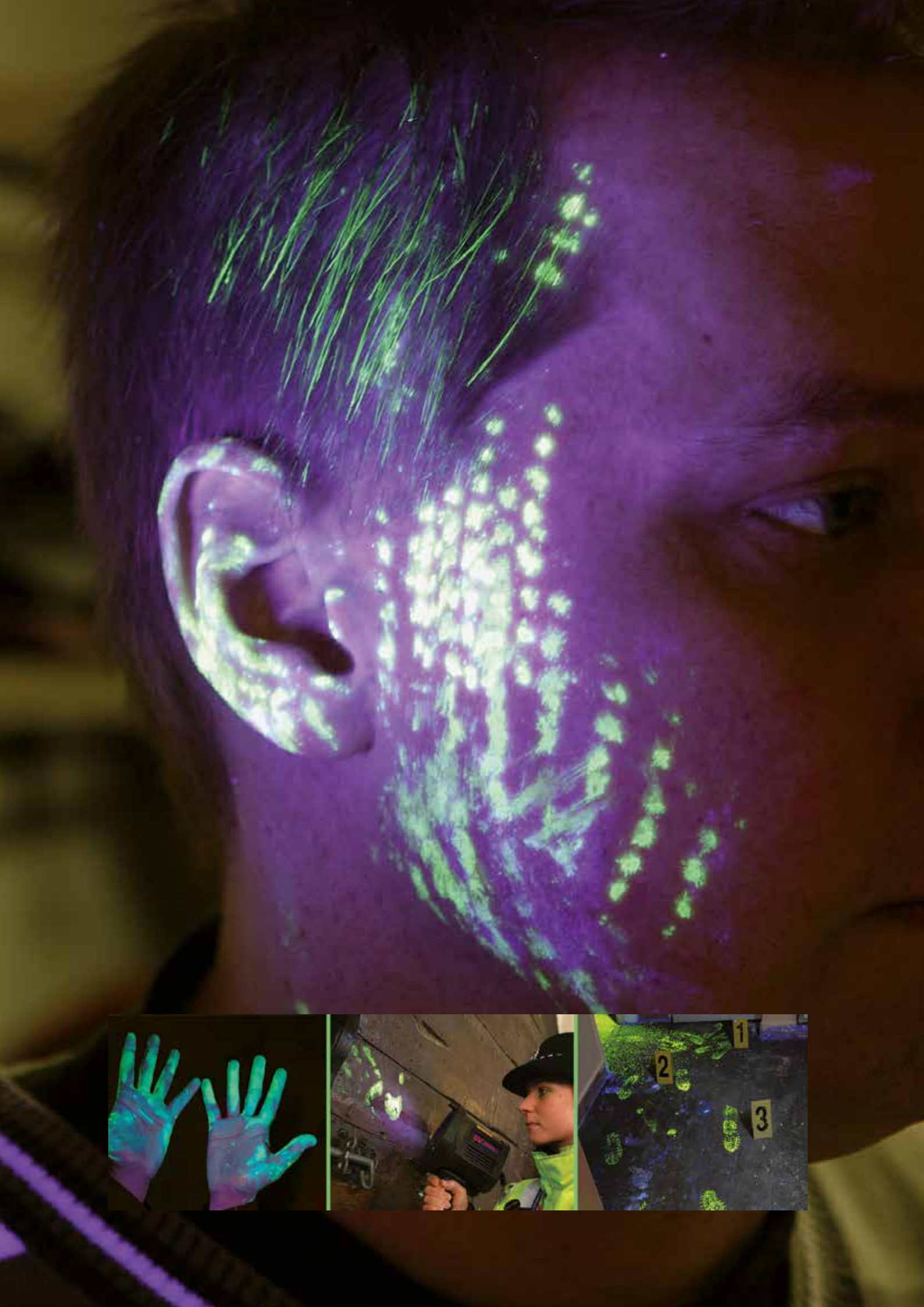
### ONE UV LED WITH WHITE LIGHT BLOCK FILTER AND OPTIONAL FOUR WHITE LIGHT LEDs

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.



	ARIS Crime Kit Applications						NOVA Crime Kit Applications					
	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.



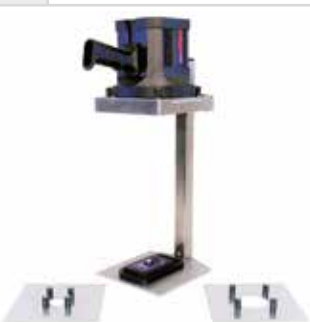
#### **BB 2.0 BATTERY (DUO) OR MAINS ON A FLEXIBLE ARM**

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 Olympos stand (PN: A542).



#### **ON/OFF SWITCH**

On/Off switch at the back prevents accidental activation.



GX ORION <sup>REMOTE</sup> MOTHER UNIT (PN: L3100)

GX ORION <sup>UV & WH</sup> 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

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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).





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