

the biggest leap forward in forensic
light source technology for over 20-years

Crime-lite X

Multi-Spectral LED Light Source



1x Handheld Light Source | 10x LEDs | 175x Illumination Wavebands

A new generation of ALS that will redefine user expectations

Multi-spectral Illumination
10X LED wavelengths

Cycle between wavelengths or
combine LEDs to increase power

Provides 100% performance
regardless of battery drain



Crime-lite X

A handheld multi-wavelength light source that marks the biggest leap forward in forensic ALS innovation since the original Crime-lite introduced LEDs to the market in 2003



X10
High-intensity
LEDs



X175
Wavelength
Combinations



100%
Constant Light
Output

A complete ALS kit in a single light source, the Crime-lite X includes White, UV, Violet, Blue, Blue/Green, Green, Orange, Red and Infrared LEDs.

Combine any 3 LEDs to multiply output power and generate 175x wavelength combinations to provide the optimum illumination for any evidence type.

Provides 100% constant light output, regardless of battery drain, to ensure that there is never any drop off in power or performance.

Unrivalled functionality via simple LCD interface

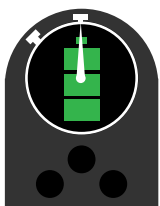


-  Quickly cycle through illumination wavebands
-  Select multi-LED wavelength combinations
-  Adjust illumination output intensity
-  Self-test ISO standard performance check
-  Integral dark adaptation checker
-  Battery Status run time/power source



1.25"
Integrated Display

Take complete control of Crime-lite X functions and monitor light source performance via the integral LCD display panel.



370
Minutes Runtime

Provides over 6-hours runtime on a single charge. USB Micro input enables the Crime-lite X to operate via an external powerbank.

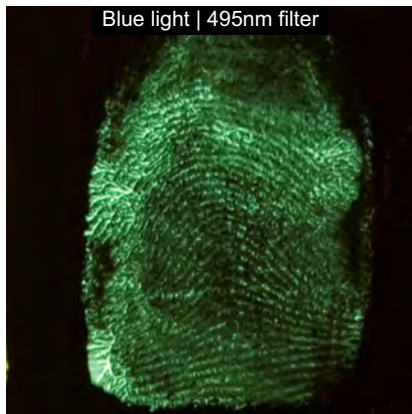


Bluetooth®
Connectivity

Use the dedicated Crime-lite X mobile phone app to operate and monitor a single light source or to group multiple units for a variety of applications.



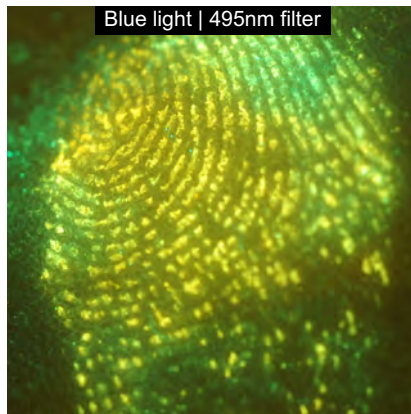
Multi-wavelength illumination for crime scene and laboratory



Blue light | 495nm filter



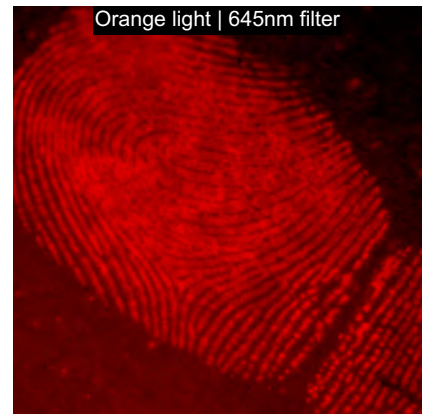
Fingerprint
in engine grease



Blue light | 495nm filter



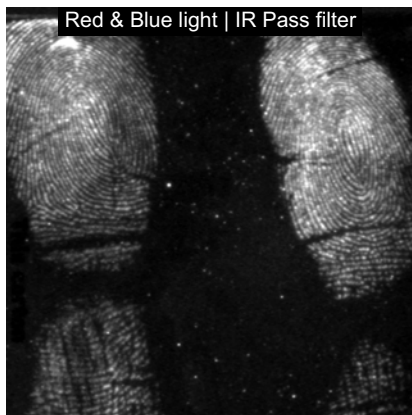
Fingerprint
treated with BY-40



Orange light | 645nm filter



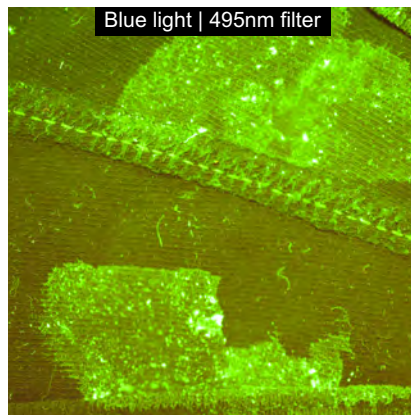
Fingerprint
Treated with DFO



Red & Blue light | IR Pass filter



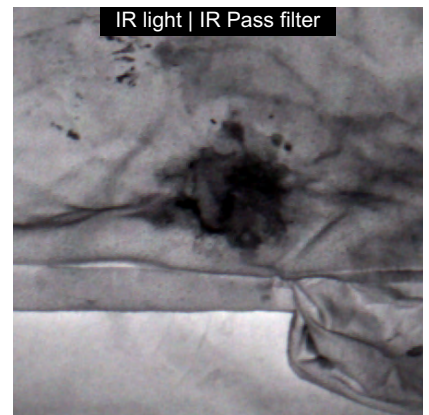
Fingerprint
dusted with *fp*NATU



Blue light | 495nm filter



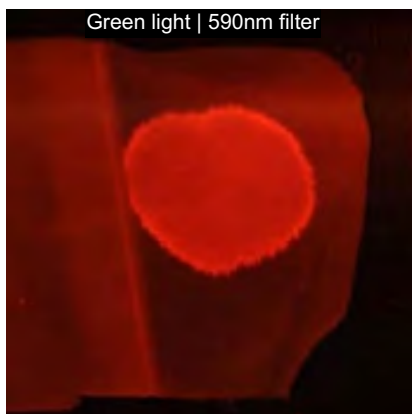
Semen
on dark fabric



IR light | IR Pass filter



Blood
on black fabric



Green light | 590nm filter



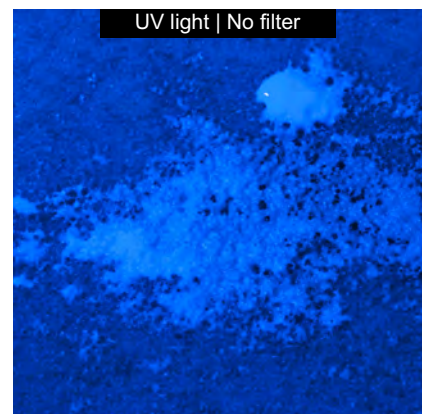
Accelerant (petrol)
on white fabric



IR light | IR Pass filter



Gunshot Residue
on black footwear



UV light | No filter



Body Fluids
on carpet



At the crime scene or in the forensic laboratory, the Crime-lite X provides up to 175x wavebands of intense illumination for the detection and examination of physical evidence.

Detect More Evidence using Crime-lite **PRO** Vision Lenses



Lightweight | Interchangeable | Anti-Glare

PRO VISION Viewing Goggles

foster+freeman PRO Vision is a unique interchangeable lens filter technology designed to increase the contrast and visibility of evidence under high-intensity illumination.

Featuring an anti-glare dichroic coating to prevent auto-fluorescence, PRO Vision viewing lenses attach (via magnets) to a lightweight and comfortable goggle headset allowing the user to quickly switch between viewing wavebands on the fly.



Interchangeable Magnetic Quick-Change Lenses

When alternating between Crime-lite X illumination bands, the user can quickly and easily switch their PRO Vision viewing filter to match.



PRO Vision Anti-Glare Dichroic Coating

The PRO vision dichroic coating blocks all intrinsic filter fluorescence while allowing fluorescence from the evidence to pass through.



Comfort-Fit and Lightweight Design

Designed in response to end user feedback, PRO Vision Filter Goggles offer improved comfort - particularly during extended use).

Crime-lite[®] FULL-SPECTRUM KIT

Order #QCL/X/KIT/A

10x waveband forensic light source for the detection and examination of all evidence types

CRIME-LITE X HIGH INTENSITY LED ILLUMINATION

- Wavelengths: UV, Violet, Blue, Blue Green, Green, Orange, Red, IR, Cold White, Warm White



- 1x high intensity LED per wavelength
- Combine any 3 LEDs providing 175 wavelength combinations
- 100% constant light output
- Homogenous light beam
- Brightness control function
- Up to 370 minutes runtime using a single wavelength

Full-Spectrum Kit includes:

- Crime-lite X 10x waveband forensic light source
- Crime-lite PRO Vision Goggle headset
- 5x PRO Vision interchangeable filters
- Self-test cap and beam collector lens
- Tripod and tripod adaptor
- Batteries, Battery Charger, & USB-Micro charger cable
- Rugged, waterproof scene of crime case

Crime-lite[®] SEROLOGY SEARCH KIT

Order#QCL/X/KIT/B

5x waveband forensic light source for the detection and examination of body fluids

CRIME-LITE X HIGH INTENSITY LED ILLUMINATION

- Wavelengths: UV, Violet, Blue, Blue Green, Cold White



- 2x high intensity LEDs per wavelength
- Combine LEDs
- 100% constant light output
- Homogenous light beam
- Brightness control function
- Up to 370 minutes runtime using a single wavelength

Serology Kit includes:

- Crime-lite X 5x waveband forensic light source
- Crime-lite PRO Vision Goggle headset
- 3x PRO Vision interchangeable filters
- Self-test cap and beam collector lens
- Tripod and tripod adaptor
- Batteries, Battery Charger, & USB-Micro charger cable
- Rugged, waterproof scene of crime case

LED safety: Crime-lite X is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)

COMMON FEATURES

HARDWARE FEATURES

- H 225mm x W 80mm x D 70mm
- Weight (including battery) ~650g (approx.)
- LED life up to 50,000 hours
- 1/4-20 UNC tripod mounting thread
- IP64 splash proof/dust tight
- Supplied with wrist lanyard and protective end cap

INTERFACE

- Integrated 1.25" LCD display
- Easy to use, push-button operation
- Cycle through illumination wavelengths
- Adjust LED brightness
- Light source 'Self-Test' function
- Dark adaptation checker
- Battery charge status indicator

POWER

RECHARGEABLE BATTERY

- Supplied with 2x high quality 2.6Ah Li-Ion batteries
- High energy efficiency with low self-discharge rate
- Recharge up to 2000 times
- Up to 420 minutes run time on a single battery charge

EXTERNAL BATTERY CHARGER

- Rapid charging of Crime-lite X Li-Ion batteries
- Charge 1 or 2 batteries simultaneously
- Charge status display
- Includes micro USB cable
- 120 minute typical charge time

AC MAINS POWER

- Versatile USB-Micro connector

PRO VISION FILTER GOGGLES for use with all Crime-lite forensic light sources.

PRO VISION GOGGLES

Order# QCL/IFG

- Evidence viewing goggles with interchangeable filter slots
- Constructed from lightweight TPE with comfort-fit strap
- Can be worn over prescription glasses
- Dimensions H 75mm x W 160mm x D 75mm
- Weight (excluding lenses) 110g
- Compatible with PRO Vision and un-coated lenses

Filter Waveband	For use with...	Filter Type and Order #		
		PRO Vision Goggle Lens	Un-Coated Goggle Lens	PRO Vision Camera Lens
GG455	X Violet	QCL/IFG/V	QCL/IFG/UC-V	QCL/152
GG495	X Blue	QCL/IFG/B	QCL/IFG/UC-B	QCL/153
OG550	X Blue/Green	QCL/IFG/BG	QCL/IFG/UC-BG	QCL/154
OG590	X Green	QCL/IFG/G	QCL/IFG/UC-G	QCL/156
RG645	X Orange	QCL/IFG/O	QCL/IFG/UC-O	QCL/82S/017

All specifications are subject to change without notice

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Forensic Science Innovation