

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

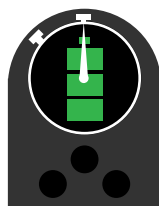


Battery Status run time/power source



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.

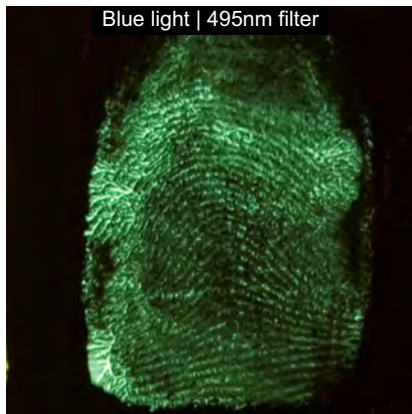


Bluetooth
Connectivity

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.



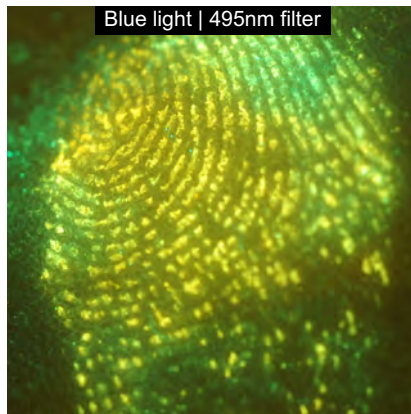
Multi-wavelength illumination for crime scene and laboratory



Blue light | 495nm filter



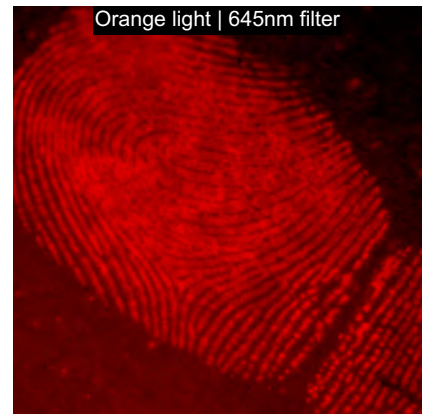
Fingerprint
in engine grease



Blue light | 495nm filter



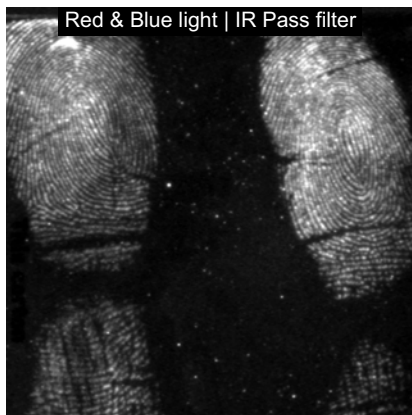
Fingerprint
treated with BY-40



Orange light | 645nm filter



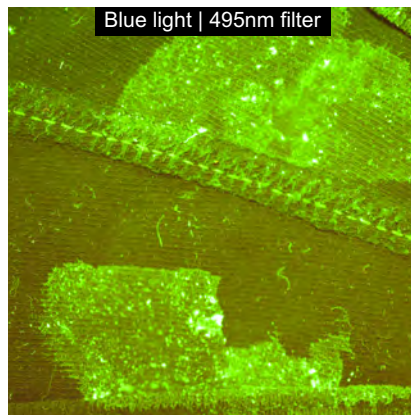
Fingerprint
Treated with DFO



Red & Blue light | IR Pass filter



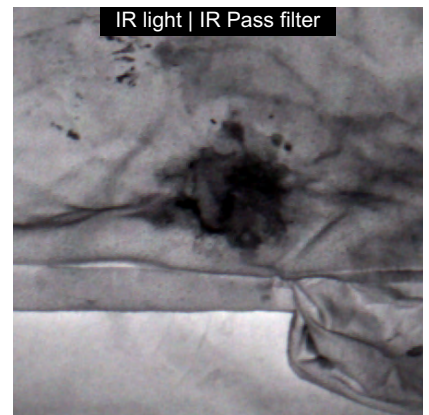
Fingerprint
dusted with *fp*NATU



Blue light | 495nm filter



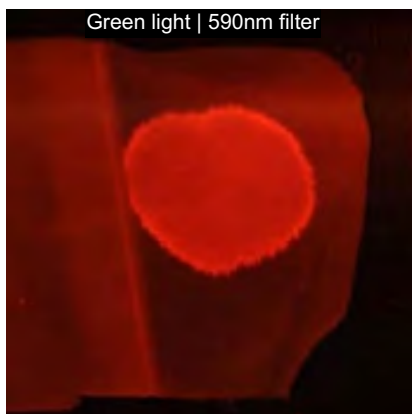
Semen
on dark fabric



IR light | IR Pass filter



Blood
on black fabric



Green light | 590nm filter



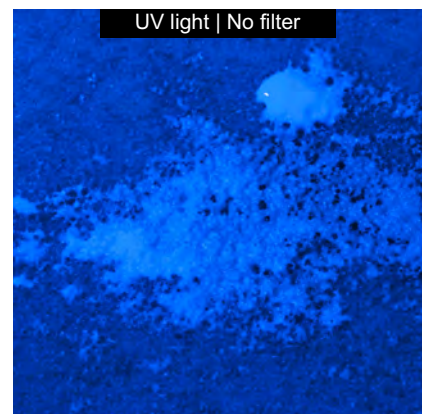
Accelerant (petrol)
on white fabric



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
- 6x 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
- 4x 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/UV-V	QCL/152
GG495	X Blue	QCL/IFG/B	QCL/IFG/UV-B	QCL/153
OG550	X Blue/Green	QCL/IFG/BG	QCL/IFG/UV-BG	QCL/154
OG570	X Green	QCL/IFG/G	QCL/IFG/UV-G	QCL/156
OG590	X Orange	QCL/IFG/O	QCL/IFG/UV-O	QCL/157
RG645	X Red	QCL/IFG/R	QCL/IFG/UV-R	QCL/82S/017