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

Crime-lite X

Multi-Spectral LED Light Source

Crime-lite

foster + freeman

CRIME-LITE® X

RISK GROUP 2

CAUTION: Possible optical radiation,
do not stare into beams
NOTICE: Emits UV, minimise
exposure to skin and eyes
Emits IR, avoid eye exposure

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

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.

X175
Wavelength Combinations

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

100%
Constant Light Output

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

Crime-lite X is provisionally classified to European safety standard risk group 2 (IEC/EN 62471:2008)
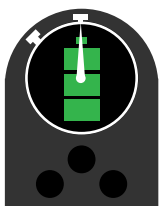
Unrivalled functionality via simple LCD interface

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.
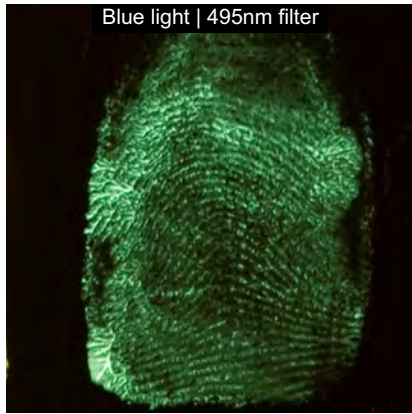
Bluetooth®
Connectivity

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.

The Crime-lite X companion App is comparible with Android and IOS devices
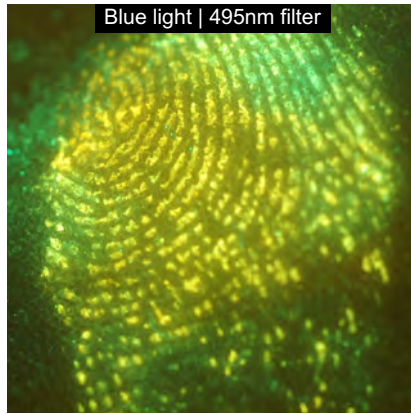
Multi-wavelength illumination for crime scene and laboratory
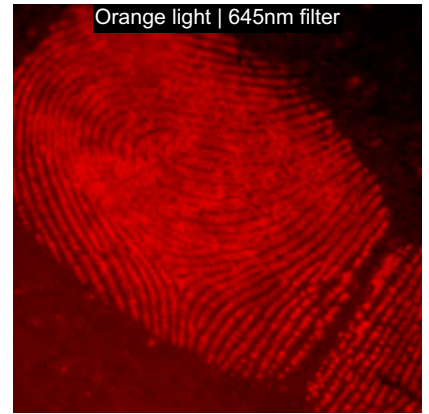
Blue light | 495nm filter

Fingerprint
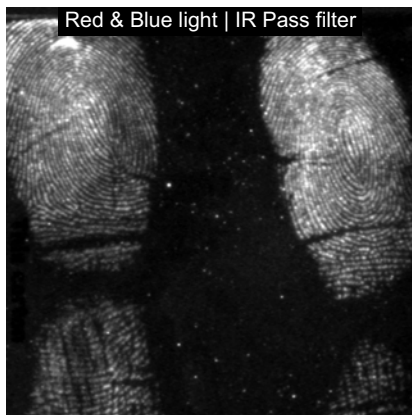in engine grease

Blue light | 495nm filter

Fingerprint
treated with BY-40
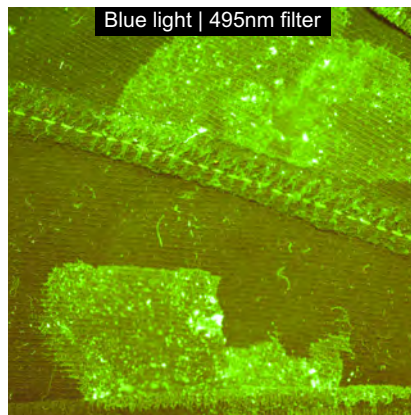
Orange light | 645nm filter

Fingerprint
Treated with DFO
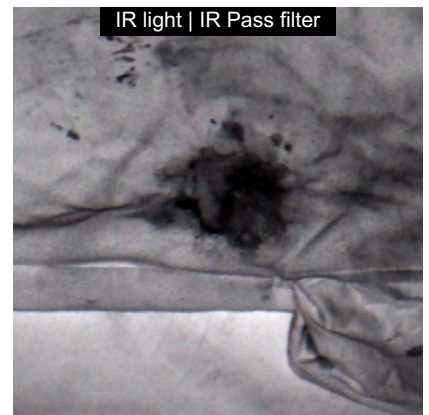
Red & Blue light | IR Pass filter

Fingerprint
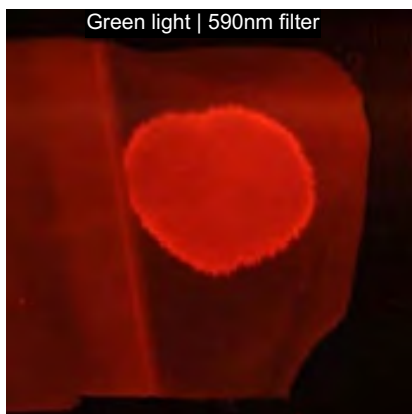dusted with *fp*NATU

Blue light | 495nm filter

Semen
on dark fabric

IR light | IR Pass filter

Blood
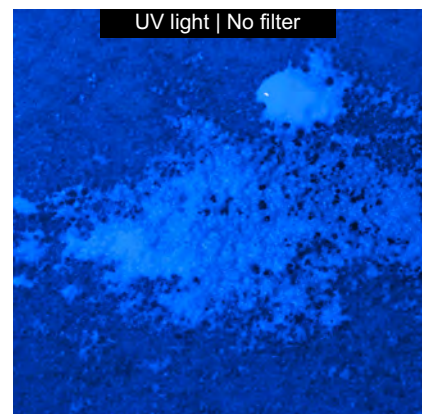on black fabric

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-lite𝕏 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-lite𝕏 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