

NEW UV model available

Crime-lite[®] 82L

A unique light source providing low-angle surface illumination for the detection of shoe prints, fibres and other traces of evidence

- High intensity LED forensic light source
- Powerful, evenly distributed beam
- Available in White or UV wavebands



Crime-lite® 82L

A high intensity linear light source for illuminating shoe prints, fibres, blood spatter & particulate evidence

The Crime-lite 82L is a unique high intensity forensic light source that provides an alternative beam profile for locating evidence at the crime scene.

Sixteen high-intensity LEDs are mounted behind a cylindrical lens to give a wide 'linear' light beam that is ideal for detecting surface debris and shoe prints in dust.

The Crime-lite 82L can be either AC powered, for continuous operation, or operated from a battery pack which, when fully charged, will provide an operational time of up to 750 minutes.



Crime-lite® 82L White

The white light model creates shadow and contrast, to reveal fragments of evidence as well as highlighting surface imperfections, scrapes and toolmarks.

A telescopic pole adds convenience for prolonged floor searches. Other accessories include red, green, blue and yellow clip-on filters to enhance contrast - Blue is more effective in visualising blood for example.

NEW
PRODUCT



Crime-lite® 82L UV

Designed in response to customer requests, the Crime-lite 82L UV provides a wide linear beam of ultraviolet light to stimulate bright fluorescence from a wide range of materials of forensic interest.

Combined with the foster+freeman DCS 5 fingerprint imaging workstation or the Crime-lite Cam/Toughpad CSI search kit, the examiner can create a system for visualising reflectance, absorption and scattered UV images.

Applications

The linear beam of the Crime-lite 82L is particularly suited to the following applications:

	White	UV
Blood Stains	✓	✓
Blood Spatter	✓	✓
Body Bruising and Bite Marks	✓	✓
Body Fluids		✓
Bone & Tooth Fragments		✓
Hair		✓
Fibres	✓	✓
Some Drug Residues		✓
Fingerprint Treatments		✓
General Mixed Debris	✓	✓
General Contrast Search	✓	
Shoeprints & Dust Marks	✓	✓



White Light Applications

Low-angle surface illumination can be used at the crime scene and in the forensic laboratory to better visualise scratches, scrapes and other surface impressions, tool marks, 3D fingerprints (e.g. a fingerprint in putty), and shoe prints in dust.

The low angle of illumination creates shadows to reveal minute fragments of particulate evidence.

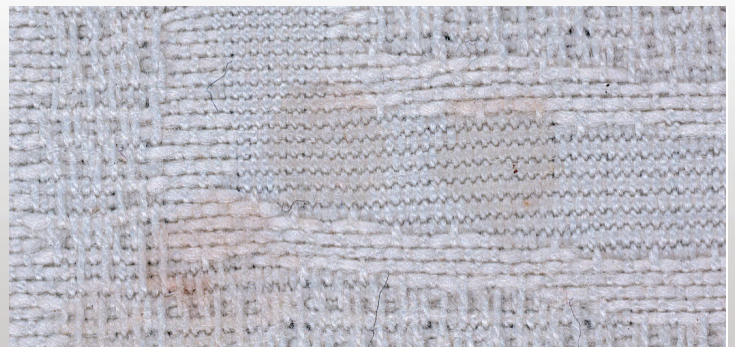
UV Light Applications

The forensic applications of ultra violet light are well known to criminal examiners.

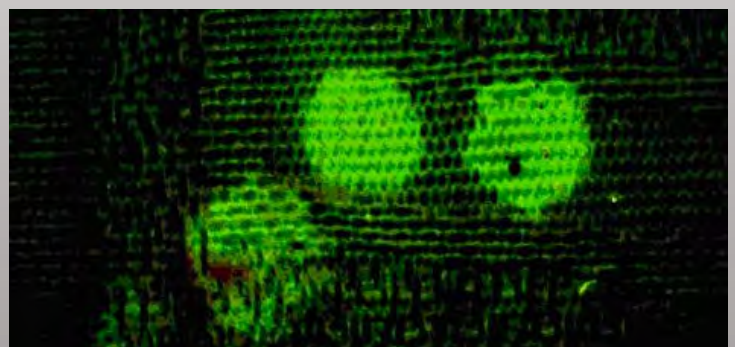
Body fluids including saliva, semen, sweat and vaginal fluids will all fluoresce brightly under UV, while the visibility of other traces of evidence including blood spatter can be improved as UV absorption improves contrast.



Shoe prints in dust



Semen on fabric



Specifications



	Crime-lite 82L White QCL/82L	Crime-lite 82L UV QCL/82L/UV
Product order code	QCL/82L	QCL/82L/UV
Peak bandwidth	N/A	365nm (nominal)
10% bandwidth	400-700nm (nominal)	350-380nm (nominal)
LEDs	16 x high efficiency LEDs	16 x high efficiency LEDs
LED Power Output	Dimmable from 5280 Lumens	N/A
Runtime	Continuous with adaptor	Continuous with adaptor
Battery life	Up to 750 minutes	Up to 150 minutes
Charge time	22 minutes	22 minutes
Safety	N/A	UV warning LEDs and key switch Supplied with UV safety glasses
Active Lens Size	305 x 13mm	
Dimensions	320 x 174 x 111mm	
Weight	900g	
Safety	Classified to European safety standard EN62471:2008	

Accessories PRODUCT ORDER CODES IN BLUE

Clip-on contrast filters FOR USE WITH CRIME-LITE 82L WHITE

Red	Green	Blue	Yellow
QCL/82S/001	QCL/82S/002	QCL/82S/003	QCL/82L/004

Scene of crime accessories

QCL/85	Telescopic pole	Extendable 340-900mm
QCL/82S/015	SOC case, small	Holds light source & accessories
QCL/82S/030	SOC case, medium	Holds 2x light sources & accessories
QCL/264	Crime-lite Eye	Dark adaptation checker

Power supply components

QCL/82S/008B	Rechargeable battery	5Ah, 18volt Li Ion
QCL/82S/009	Fast battery charger	22 minutes charge time
QCL/82S/027	Battery multi-charger	Charge 4x 18V batteries
QCL/82S/011	Battery adaptor	for rechargeable battery
QCL/80	AC adaptor	90-240V input
QCL/82S/012	Battery pouch	with nylon strap



Cased Sets LIGHT SOURCES AND REQUIRED ACCESSORIES SUPPLIED IN A RUGGED, WATERPROOF AND SHOCK RESISTANT CASE

Crime-lite 82L White Kits

Mains Only Kit

QCL/82L/MKIT

Kit Includes:

- 1x Crime-lite 82L White
- 4x clip-on contrast filters
- 1x AC adaptor
- 1x Telescopic pole
- 1x SOC case, small

Battery & Mains Kit

QCL/82L/BMKIT

Kit Includes:

- 1x Crime-lite 82L White
- 4x clip-on contrast filters
- 2x rechargeable battery
- 1x fast battery charger
- 1x battery adaptor
- 1x AC adaptor
- 1x Telescopic pole
- 1x SOC case, small

Crime-lite 82L White & UV Kits

Mains Only Kit

QCL/82L/UV/MKIT

Kit Includes:

- 1x Crime-lite 82L White
- 1x Crime-lite 82L UV
- 4x clip-on contrast filters
- 1x UV safety glasses
- 1x UV camera filter
- 1x AC adaptor
- 1x Telescopic pole
- 1x SOC case, medium

Battery & Mains Kit

QCL/82L/UV/BMKIT

Kit Includes:

- 1x Crime-lite 82L White
- 1x Crime-lite 82L UV
- 4x clip-on contrast filters
- 1x UV safety glasses
- 1x UV camera filter
- 2x rechargeable battery
- 1x fast battery charger
- 2x battery adaptor
- 1x AC adaptor
- 1x Telescopic pole
- 1x SOC case, medium