

# Crime-lite® 82L

**High intensity, low angle illumination for locating shoe prints, fibres, hair and particulate evidence at the scene of crime**

- **High intensity LED forensic light source**
- **Powerful, even beam of white light**
- **Mains or battery operation**



foster+freeman

# Crime-lite® 82L

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

## The Crime-lite® 82L

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

Sixteen white LEDs are mounted behind a cylindrical lens to give a wide 'linear' light beam that is ideal for detecting surface debris, blood stains and spatter patterns, fibres, hair and dust marks including shoe prints. The **Crime-lite® 82L** features adjustable intensity and is supplied with red, green and blue clip-on filters to enhance the contrast of evidence found on coloured backgrounds and a telescopic pole adds convenience for prolonged floor searches.

The **Crime-lite® 82L** can either be mains powered for continuous operation or with a battery pack, which, when fully charged will provide an operational time of between 170 to 35 minutes, subject to output intensity setting.

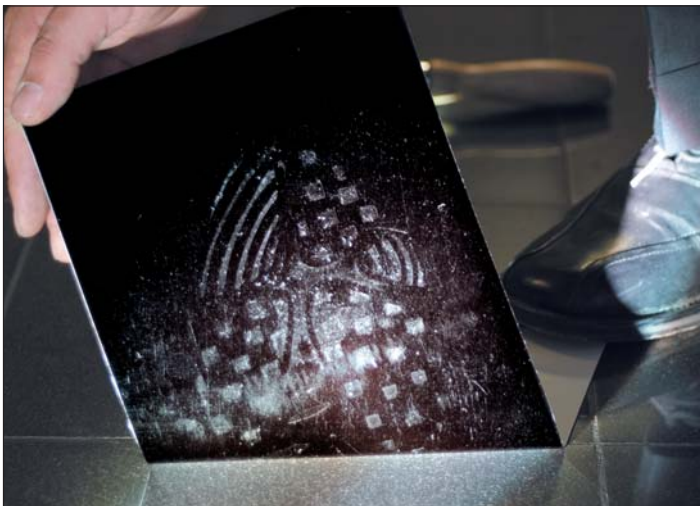
## New and Improved features

The new **Crime-lite® 82L** range replaces the **Crime-lite® 80L** and has the following advantages:

- Fitted with 16 high power LEDs.
- 100% light output, 100% of the time.
- Even shadow-free linear beam.
- Constructed from anodised aluminium for strength and durability.
- Fan cooled with built in thermal protection
- Adjustable intensity.
- Up to 170 minutes battery operation, subject to output intensity.
- Radiometric power maintained at more than 70% at 50,000 hours
- High capacity lithium ion batteries and low battery indicator.
- Battery charge time only 22 minutes.
- Compatible with Crime-lite® 80, 24V NiMH batteries.
- Clip-on narrow band filters to reduce background fluorescence.
- Classified to European safety standard EN62471:2008



**Right:** Telescopic pole attachment for the oblique illumination of floor surfaces.










**Left:** Once a shoe print or particulate evidence has been detected the crime scene examiner has the option to either use photography or a 'Gel lift' to recover the evidence.

Gel lifts are suitable for use on smooth, textured or grained surfaces such as floors, furniture or tables, are available in black or white and feature low adhesive release properties allowing them to conform to uneven surfaces.





# Crime-lite®82L components & specifications

PRODUCT	DESCRIPTION & FEATURES	PRODUCT IMAGE	CODE
<b>Crime-lite®82L light source</b>	<ul style="list-style-type: none"> <li>● 16 x HIGH EFFICIENCY SURFACE MOUNT LEDs</li> <li>● 400 - 700nm (<i>nominal</i>)</li> <li>● Active lens dims 305 x 13mm</li> <li>● Weight: 900g, Dimensions: 320 x 174 x 111mm</li> </ul>		<b>QCL/82L</b> 
<b>Red clip-on filter</b>	<ul style="list-style-type: none"> <li>● Dimensions: 310 x 16 x 2mm</li> </ul>		<b>QCL/82L/001</b> 
<b>Green clip-on filter</b>			<b>QCL/82L/002</b> 
<b>Blue clip-on filter</b>			<b>QCL/82L/003</b> 
<b>Yellow clip-on filter</b>			<b>QCL/82L/004</b> 
<b>Telescopic pole</b>	<ul style="list-style-type: none"> <li>● Holds Crime-lite at floor level extended length 880mm</li> </ul>	<b>QCL/85</b> 	


## Power supply components

<b>Rechargeable battery</b>	<ul style="list-style-type: none"> <li>● Lithium Ion, 3Ah, 18 volt</li> <li>● Smart battery technology</li> <li>● Weight: 600g, Dimensions: 116 x 75 x 62mm</li> </ul>		<b>QCL/82S/008</b> 
<b>Fast battery charger</b>	<ul style="list-style-type: none"> <li>● 110 - 120V or 220 - 240V INPUT</li> <li>● Charge time 22 minutes per battery</li> <li>● LED and audible charge status indicators</li> <li>● Automatic control function</li> <li>● Weight: 1kg, Dimensions: 190 x 164 x 105mm</li> </ul>		<b>QCL/82S/009</b> 
<b>Vehicle battery charger</b>	<ul style="list-style-type: none"> <li>● Charge time 60 minutes per battery</li> <li>● 12 - 24V, 70W INPUT</li> <li>● LED and audible charge status indicators</li> <li>● Automatic control function</li> <li>● Weight: 1kg, Dimensions: 190 x 164 x 105mm</li> </ul>		<b>QCL/82S/010</b>
<b>Battery adaptor</b>	<ul style="list-style-type: none"> <li>● Enables lithium battery to be connected to Crime-lite®82L directly or via the lead supplied</li> </ul>		<b>QCL/82S/011</b> 
<b>Battery pouch &amp; shoulder strap</b>	<ul style="list-style-type: none"> <li>● Padded nylon velcro sealed pouch for battery &amp; adaptor</li> <li>● Detachable shoulder strap Carry handle and belt loop</li> </ul>		<b>QCL/82S/012</b> 
<b>AC mains adaptor</b>	<ul style="list-style-type: none"> <li>● Input: 90-264V, Output: 24V DC, Max power output: 80W</li> <li>● Weight: 750g, Dimensions: 168 x 78 x 45mm</li> </ul>		<b>QCL/80</b> 

## Scene of crime case and accessories

<b>Scene of crime case</b>	<ul style="list-style-type: none"> <li>● Machined foam cut-outs to accommodate Crime-lite®82L</li> <li>● 2 x batteries, accessories and charger</li> <li>● Rugged, waterproof and shock resistant</li> </ul>		<b>QCL/82S/015</b> 
<b>Extended Power lead</b>	<ul style="list-style-type: none"> <li>● Extra long power cable, 3mtr</li> </ul>		<b>QCL/90</b>
<b>Universal tripod mount and stand</b>	<ul style="list-style-type: none"> <li>● Manfrotto 'magic arm', 3 legged stand and 2 x 'super' clamps for tripod or stand mounting.</li> </ul>		<b>QCL/91</b>
<b>Gel lifting film</b>	<ul style="list-style-type: none"> <li>● Black backing, 180 x 360mm, pack of 10</li> </ul>		<b>QCL/92</b>
<b>Gel lifting film</b>	<ul style="list-style-type: none"> <li>● White backing, 180 x 360mm, pack of 10</li> </ul>		<b>QCL/93</b>

## Cased set

<b>Crime-lite®82L cased set</b>	<ul style="list-style-type: none"> <li>● Cased sets contain two rechargeable batteries (QCL/82S/008) and one each of the items indicated with the  symbol following the product codes above</li> </ul>	<b>QCL/82L/BMK</b>
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Foster & Freeman Ltd reserve the right to alter the specification of the **Crime-lite®** or any accessories without prior notice.



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