

Crime-lite[®] ML

The long reach magnifier with multi-wavelength LED illumination for the bench top examination of forensic evidence

- Large bi-ocular magnifying lens
- High intensity white LED illumination with variable intensity
- Plus choice of blue, blue-green or green LED illumination
- Plus optional violet LED illumination
- Articulated arm with reach of over 1 metre
- Easy-clean touch panel controls
- Fan cooled, for comfort



Schott GG495 1% (nom) 476nm YELLOW

Crime-lite® ML

The illuminated bench magnifier with LED technology

The **Crime-lite® ML** combines the versatility of multi-wavelength, high intensity LED illumination and the comfort of wide area bi-ocular magnification to provide an effective bench top search and examination tool for the forensic scientist.

Illumination includes an 8 x 5W array of high intensity, white light LEDs with variable intensity controls, for general search, and a 16 x 5W array of either blue, blue-green or green illumination, with corresponding removable viewing filter, for the location of fluorescent evidence such as fibres and body fluids. An array of violet LEDs may be fitted as an optional extra, to extend the instruments sensitivity to fluorescent materials.

The articulated arm extends to over 1M and may be fixed to the wall or bench top with the mounts provided. The 3.5 dioptre lens provides a nominal magnification of x1.8

The head incorporates an air cooling fan, to maintain comfort during prolonged operation, which may be fitted with a filter to reduce airborne contamination over the inspection area. Other features include an easy-to-clean touch control panel designed to minimize contamination, protective thermal cut-out and power saving mode.



Protective cover for magnifier head when not in use



Glass viewing filters are supplied in protective pouches

MODEL OPTIONS

Crime-lite® ML/ white & blue

Product Code: **QCL/ML/BW**

8 x 5W white light LED arrays, variable intensity, 400-700nm.
16 x 5W blue light LED arrays, peak 450nm, 10% bandwidth 430-470nm (*nominal*). Removable anti-glare viewing filter, Schott type, GG495 with protective pouch, 1% cut-on wavelength 476nm (*nominal*).

Crime-lite® ML/ white & blue/green

Product Code: **QCL/ML/BGW**

8 x 5W white light LED arrays, variable intensity, 400-700nm.
16 x 5W blue/green light LED arrays, peak 485nm, 10% bandwidth 460-510nm (*nominal*). Removable anti-glare viewing filter, Schott type, OG550 with protective pouch, 1% cut-on wavelength 529nm (*nominal*).

Crime-lite® ML/ white & green

Product Code: **QCL/ML/GW**

8 x 5W white light LED arrays, variable intensity, 400-700nm.
16 x 5W green light LED arrays, peak 520nm, 10% bandwidth 500-550nm (*nominal*). Removable anti-glare viewing filter, Schott type, OG570 with protective pouch, 1% cut-on wavelength 549nm (*nominal*).

Appointed Agent:

foster+freeman

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SPECIFICATIONS - all models

- Magnifying lens, 3.5 dioptre, 175 x 108mm
- Power input 80-240VAC, 100W
- Arm reach – 132cm
- Forced air cooling
- Protective thermal cut-out
- A cover is supplied for the magnifier head, providing protection to the equipment when not in use
- Glass viewing filters are supplied in protective pouches
- Net weight 2.5kg



Warning
Crime-lites® are Class 2M LED products

OPTIONAL EXTRAS - to fit all models

Violet light illumination module:

Product Code: **QCL/ML/VMODULE**

4 x 19.5W LED arrays, peak - 405nm, 10% bandwidth – 395 to 425 (*nominal*), removable anti-glare viewing filter, Schott type, GG455 with protective pouch, 1% cut-on wavelength 435nm (*nominal*).

Filter Module

Product Code: **QCL/ML/FILT**

High efficiency filter system with bacterial guard, mechanical and electrostatic sub-micron particle filtration to avoid contamination.

Green Contrast Filter

Product Code: **QCL/ML/CONT/G**

Green contrast filter for use with white LEDs (*for viewing exhibits that have been treated with Ninhydrin*), magnetic clip-on, viewing area 160 x 77 mm.

Blue Contrast Filter

Product Code: **QCL/ML/CONT/B**

Blue contrast filter for use with white LEDs (*for blood search*), magnetic clip-on, viewing area 160 x 77 mm.

***Optional extras must be ordered with the Crime-lite® ML**

Foster & Freeman Ltd reserve the right to alter the specification of the **Crime-lite®** or any accessories without prior notice.