

SPECTROLINE[®] OPTIMAX[™] Multi-Lite[™] **LED Forensic Inspection Kit** (Patent Pending)

The World's Most Powerful, Portable and Versatile Multi-LED, Full-Spectrum Forensic Light Source!

The **OFK-8000 Multi-Lite[™] Kit** features a cordless, rugged flashlight body and eight Qwik-Connect[™] interchangeable LED heads that provide illumination in UV-A, violet, blue, green, cyan, amber, red and white light. It's ideal for crime-scene investigation, gathering potential evidence and forensic laboratory work.

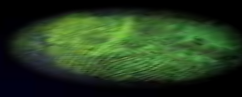
Enhances the Detection, Inspection and Photography of:

- ✓ Biological stains and latent fingerprints
- ✓ Blood and other bodily fluids
- ✓ Bruises/bite marks/pattern wounds
- ✓ Hair and fibers
- ✓ Grease, oil and other petroleum-based stains
- ✓ Questionable documents



Key Features

- Cordless, rugged, corrosion-resistant aluminum flashlight body stands up to heavy use in the field or laboratory
- Eight Qwik-Connect[™] interchangeable, single-wavelength LED lamp heads provide ultimate versatility
- Detachable diffusing filter provides uniform light, making it ideal for forensic photography
- Three snap-on contrast filters (yellow, orange and red) allow for multiple users of lamp without the need for spectacles
- Instant-on operation allows lamp to reach full intensity immediately
- Electronic Intensity Stabilizer ensures consistent performance. Beam strength will not weaken between charges!
- Powered by a rechargeable NiMH battery. Provides 90 minutes of continuous inspection between charges (smart AC and DC chargers included).
- Red/green battery strength indicator signals when a fresh charge is required

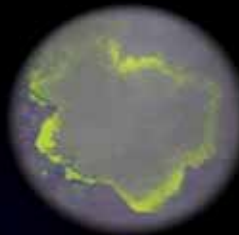


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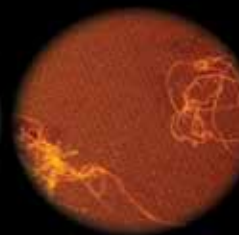
SPECTROLINE[®]

OPTIMAX[™] Multi-Lite[™]

LED Forensic Inspection Kit



Bodily fluids



Fibers



Fingerprints

The **OFK-8000** features a compact and lightweight flashlight body with a unique Qwik-Connect[™] coupler. Eight interchangeable LED lamp heads and three snap-on contrast filters are specially designed to give the forensic professional ultimate flexibility in the field or laboratory. This full-spectrum light source offers maximum versatility, while providing outstanding single-wavelength illumination to meet a variety of forensic inspection needs. The detachable diffusing filter provides uniform light for photography.

LED Lamp Head Chart

Part Number (Head Color)	LED Light Output	Dominant Wavelength or Color Temperature at 25°C	Bandwidth (nm)	Typical Output at 700 mA	Use These Spectacles and/or Contrast Filters	Application (Typical Inspection Samples)
OF-365U (Black)	UV	365nm	360-370	310 mW	UV-absorbing spectacles	Natural and UV fluorescent dyes and powders, bite marks, bruising, pattern wounds, rare document/ stamp/artwork examination
OF-410V (Violet)	Violet	410nm	400-410	400 mW	Yellow (as needed)	Untreated blood absorption (detection of blood against dark background)
OF-450B (Blue)	Blue	450nm	440-460	480 mW	Yellow or orange	Biological stains on white background, basic yellow, bone, blood, and other trace bodily fluids
OF-500C (Cyan)	Cyan	500nm	490-510	100 lumens	Orange	Rhodamine 6G, DFO or Indanedione latent fingerprints
OF-525G (Green)	Green	525nm	520-550	100 lumens	Orange or red	Enhance Ninhydrin-treated samples with background reduction, fibers
OF-590A (Gold)	Amber	590nm	585-597	75 lumens	Red	Fluorescent background on sample contrast
OF-630R (Red)	Red	630nm	620-645	100 lumens	N/A	Hair, questionable documents
OF-300W (Silver)	White	6500°K	4,500-10,000°K	100 lumens	N/A	General field illumination and inspection

Lamp Specifications:

Style	Cordless flashlight body with eight interchangeable LED lamp heads
Length	9.0 inch (22.9 cm)
Weight (with battery)	15.3 oz (434 g)
Power requirement	3.6V, 2 AH NiMH internal battery stick (rechargeable)
Run time	90 minutes (continuous)
Charge time	5 hours

Diffusing Filter: DF-700

Contrast Filters: 6.25 x 5.0 inch (15.9 x 12.7 cm)
FY-300 (Yellow)
FO-300 (Orange)
FR-300 (Red)

Spectacles: UVS-30 (UV-absorbing, clear)
UVS-45 (yellow contrasting)
UVS-60 (orange contrasting)
UVS-70 (red contrasting)



The **OFK-8000 OPTIMAX[™] Multi-Lite[™] Kit** comes complete with a rugged aluminum flashlight body, eight interchangeable LED lamp heads, diffusing filter, three contrast filters, smart AC and DC chargers, four pairs of spectacles and a padded carrying case. AC charger available in 120V, 230V, 240V or 100V versions.

Also available: OFK-300 OPTIMAX[™] Multi-Lite[™] Field Kit. Features cordless flashlight body, UV, blue and white light LED lamp heads, diffusing filter, UV-absorbing and orange-contrast spectacles, AC and DC chargers and padded carrying case.

Note: LED lamp heads and other kit components are each available separately. The **OF-365U** UV LED lamp head also comes with a cordless flashlight body, rechargeable battery stick and clear, UV-absorbing spectacles. All other LED lamp heads come with the head only.



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