

# POLILIGHT<sup>®</sup> FLARE

FORENSIC LED LIGHT SOURCE



*SLEEK*

*HIGHLY PORTABLE*

*HIGH INTENSITY*

# POLILIGHT® FLARE

## FORENSIC LED LIGHT SOURCE

*Polilight-Flare® is the ideal lightweight portable light source for all scene of crime investigation. Zero tolerance is the new "buzz" word in law enforcement and the Flare allows all police to carry a low cost light source to quickly scan the scene for trace evidence. Both light weight and powerful, the filtered light from Flare gives exceptional enhancement results on a wide range of trace evidence.*

*The Flare produces a continuous output, even illumination, beam of light from an array of LEDs. A range of models with centre wavelengths 380, 415, 440, 470 505, 530 and white are available. The lithium ion battery is rechargeable without memory effect and can be detached from the LED head to power other heads. The microprocessor control of the unit ensures full power for a continuous 2 hours of operation.*



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### **HIGHLY PORTABLE FORENSIC LIGHT SOURCE**

*Small and sleek design*

*Lightweight / portable*

*Can be supplied in a rugged  
hard case*

### **SMART BENCH-TOP CHARGING CRADLE**

*Intelligent microprocessor control  
for safe charging*

*Built in power meter*

*Ensures maximum charge  
every time*

### **HIGH QUALITY OPTICAL FILTERING**

*Interference filters cut off the long  
spectral tail to increase contrast*

*High quality filters unaffected  
by moisture.*

*Sharp cut off*



**INTERCHANGEABLE  
LITHIUM ION BATTERY**

*Extra long life*

*No memory effect*

*Lasts up to 2 hours continuous  
use at full power and a further  
1 hour at lower power*

**HIGH INTENSITY SEMI-  
CONDUCTOR LIGHT  
EMITTER / NARROW OUTPUT**

*Powerful and even beam*

*Focused and intense spot size*

*Lifetime of 50,000 – 100,000 hours*

**clearly**  
**more evidence**

## APPLICATIONS

A wide range of evidence can be examined with the POLILIGHT® FLARE including the following examples:

BAND	COLOUR	APPLICATION EXAMPLES
380	UV	General Searching (stains)
415	Violet	Blood prints, Splatter, Gunshot residue
440	Deep Blue	General Searching, Untreated blood prints and Marks, Semen, Urea
470	Blue	General Searching, Treated Fingerprints Semen, Urea, fibres
505	Cyan	Ninhydrin, Superglue treatments
530	Green	DFO, superglue treatments
390-720	White light	General Searching, Footprints

## POLILIGHT® FLARE TECHNICAL INFORMATION

### ALL FLARE BANDS

Run time	2 – 4 hours
Diameter (head)	37mm
Length (inc. battery)	275mm
Length (head)	111mm
Length (battery)	164mm
Weight	300g

### CRADLE CHARGER

Charging time	1 – 2 hours
Operating temperature	10-40°C
Dimensions	H 60 x W 70 x L 50mm

### PLUG PACK

Input Voltage	90-264V 50-60Hz
Output Voltage	12V DC
Output Current	750mA
Dimensions	H 70 x W 45 x L 50mm



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