

LUMATEC®

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**SUPERLITE**  
**S 04**

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THE PORTABLE LIGHT  
SOURCE FOR  
DIVERSE SPECTRA

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# ENGINEERED TO FACILITATE THE SEARCH FOR CLUES IN ALL KEY SPECTRA



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## OPTIMUM LIGHT QUALITY IN CRUCIAL SPECTRA

Built with quality and performance in mind, the SUPERLITE S 04 is a remarkably efficient imaging instrument that covers all the spectra that matter in forensics. Imaging tools work best in dark rooms, but its powerful UV light illuminates traces even in places that are not as dark as they should be. Almost no white light in the UV spectrum further increases the contrast. It helps you detect traces without using powder or other means that can compromise DNA left at the scene.

## QUIET, PORTABLE AND SUITABLE FOR ALMOST ANY APPLICATION

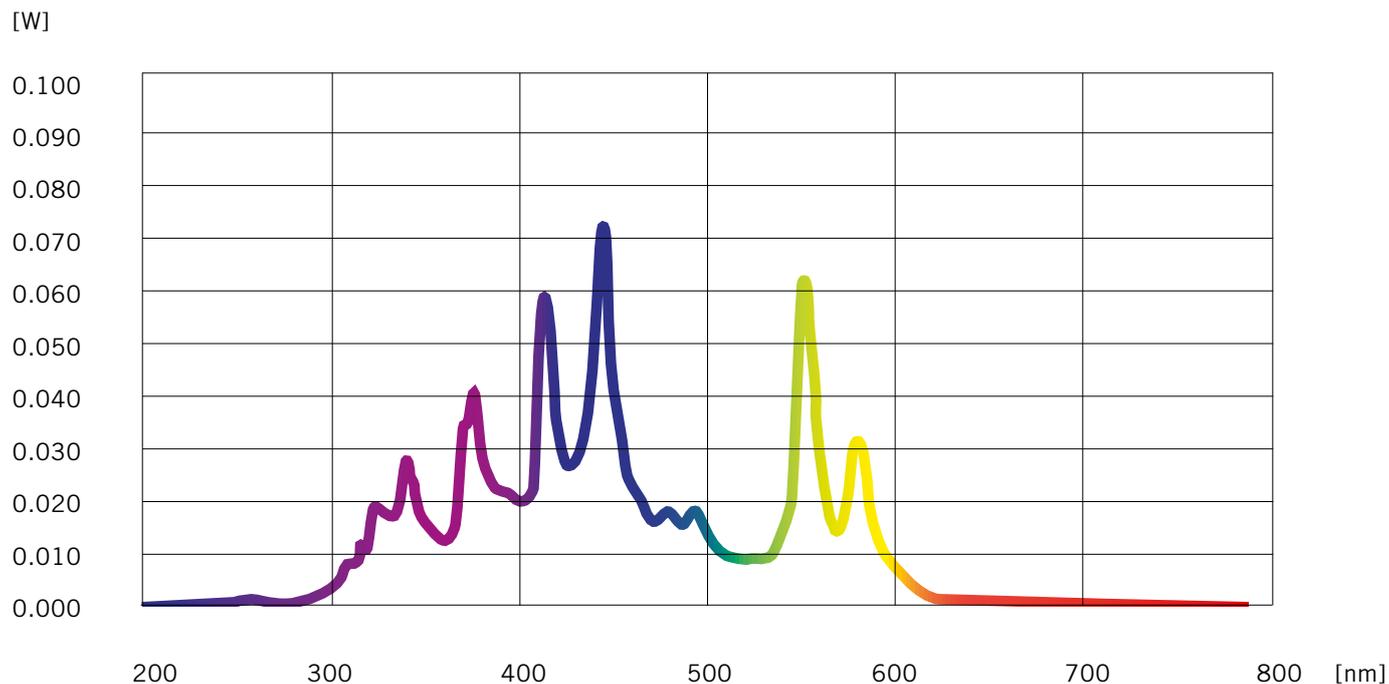
The SUPERLITE S 04 consumes very little power so it may be battery operated. It is also remarkably light and portable. You can connect many different light guides, including very slim, flexible attachments that enable you to inspect poorly accessible areas. We offer a wide range of accessories for applications in forensics such as fingerprint identification. If you wish to learn more, we will be happy to tell you all about the many other options.

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## YOUR BENEFITS AT A GLANCE

- Extraordinarily high UV output
- High energy efficiency for battery operation
- Lights up trace evidence without compromising DNA
- High contrast provided by a small amount of white light
- Many optional accessories for utmost versatility
- Portable
- Light guides protect users against radiation
- Patented safety switch prevents inadvertent manual switching
- Quiet fan
- Slim, flexible light guide
- Accepts various types of light guides

## SPECTRUM



## OPTICAL OUTPUT

	Spectral Range	Power	Power Density
UVA	320–400 nm	2,100 mW	10,500 mW/cm <sup>2</sup>
UVA + Blue	320–500 nm	6,900 mW	34,500 mW/cm <sup>2</sup>
Blue	400–500 nm	4,800 mW	24,000 mW/cm <sup>2</sup>
White	400–700 nm	9,700 mW	48,500 mW/cm <sup>2</sup>
Violet	415 nm	2,000 mW	10,000 mW/cm <sup>2</sup>
Blue 440	440 nm	2,300 mW	11,500 mW/cm <sup>2</sup>
Blue 460	460 nm	2,000 mW	10,000 mW/cm <sup>2</sup>
Turquoise	490 nm	1,200 mW	6,000 mW/cm <sup>2</sup>
Green	550 nm	1,400 mW	7,000 mW/cm <sup>2</sup>
Yellow	570 nm	1,800 mW	9,000 mW/cm <sup>2</sup>

## TECHNICAL DATA

### Light Source

Power Supply: 100–240 VAC

Power Consumption: 150 W

Internal Control Voltage: 24 VDC

Dimensions:  
(W × H × D): 175 × 140 × 260 mm

Weight: 3.8 kg

Operating Temperature:  
+10 °C up to +35 °C

Storage Temperature:  
-10 °C up to +60 °C

### Battery

DC Output Voltage: 34 VDC

Dimensions:  
(W × H × D): 175 × 50 × 260 mm

Weight: 2.4 kg

Operating Temperature:  
+10 °C up to +35 °C

Storage Temperature:  
-10 °C up to +60 °C

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