

LUMATEC®

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**SUPERLITE**  
**F 05**

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THE PORTABLE LIGHT  
SOURCE FOR  
DIVERSE SPECTRA

# POWERFUL AND VERSATILE TUNEABLE LIGHT SOURCE FOR EVIDENCE SCREENING



## OPTIMUM LIGHT QUALITY IN CRUCIAL SPECTRA

The SUPERLITE F 05 is the consistent evolution of the mobile, multispectral crime scene light's concept with exceptionally high UV output and filters optimized for typical applications. In comparison to the predecessor, 8 of the 10 filter ranges have been optimized e.g. for dactylography applications and others. Moreover, the F 05's filter wheel allows a quickly switch between the spectral ranges, so that it is possible to "scan" the environment, e.g. if the material of the traces is still unknown. The new ventilation concept specially designed for this light source with 3D air channels has been optimized so that almost no scattered light escapes.

## QUIET, PORTABLE AND SUITABLE FOR ALMOST ANY APPLICATION

High efficiency through low weight, powerful battery and low energy consumption enables you to use the light source on the move, regardless of the presence of a power source at the crime scene. Even hard-to-reach places are no problem thanks to the slim, flexible light guide with magnetic-safety-hand-switch and the telescopic arm. In addition, optimized accessories are available for the respective task. If you wish to learn more, we will be happy to tell you all about the many options.

## YOUR BENEFITS AT A GLANCE

Exceptionally high UV output, even in poor lighting conditions, traces are more visible

High contrast due to very low proportion of white light in the UV range

10 filter ranges optimized for forensic methods

Battery operation means independence from power source at the crime scene

Mobility thanks to energy efficiency and low weight

Patented safety switch prevents accidental, manual switching on

Slim, flexible light guide with magnetic-safety-hand-switch

Extensive accessories for different purposes

## ADVANTAGES COMPARED TO SUPERLITE S 04

Battery and charger integrated

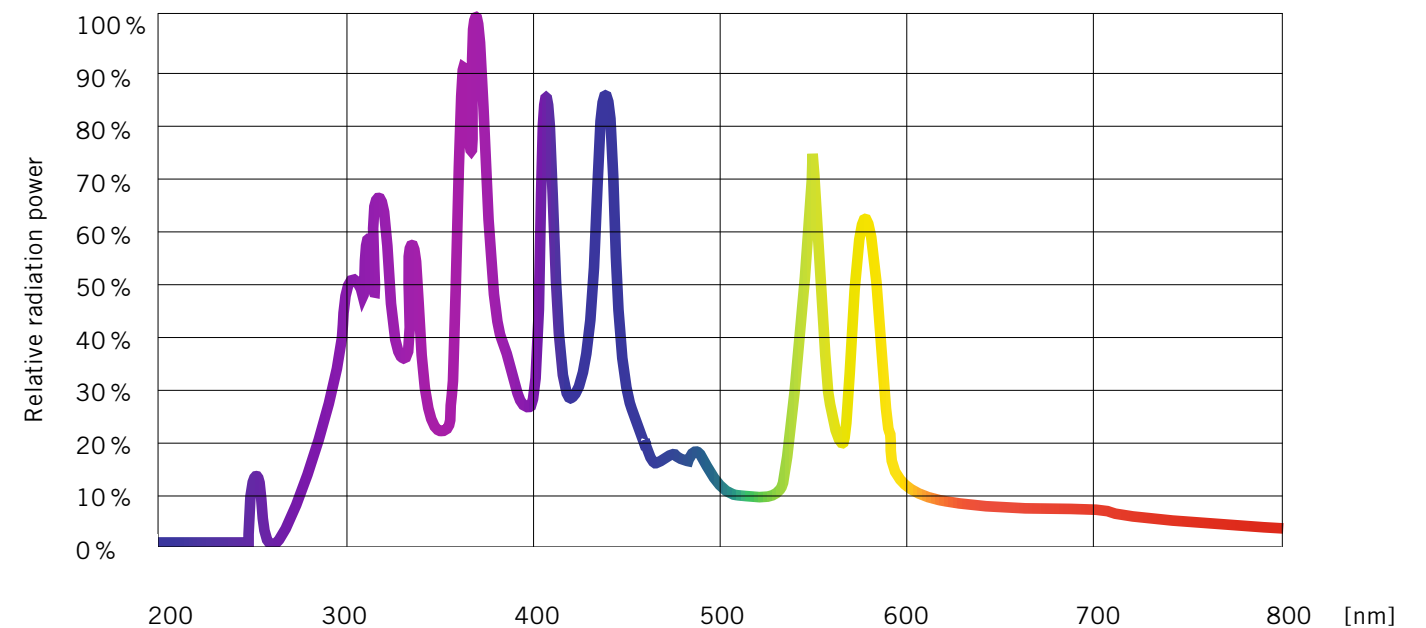
50% higher UV Power

Lighter (-1 kg)

Shorter charging time, 80% in 1h

Ventilation concept has been optimized so that almost no scattered light escapes

## SPECTRUM



## OPTICAL OUTPUT

Spectrum	Power
400–700 nm	9.000 mW
320–390 nm	3.000 mW
405 nm	600 mW
450 nm	2.000 mW
475 nm	500 mW
500 nm	400 mW
525 nm	300 mW
550 nm	1.500 mW
575 nm	1.100 mW
625 nm	400 mW

## TECHNICAL DATA

Power Supply: 100–240 VAC

Power Consumption: 250 W

Internal Control Voltage: 12 VDC

Dimensions: (W × H × D): 172 × 164 × 290 mm

Weight: 5.2kg incl. integrated battery

