

Obelux CR9 Forensic Lights



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A new state-of-the-art LED Forensic Light Source, Obelux CR9, has been designed for robust operation at the crime scenes and within the laboratory. The light unit has been developed together with experienced crime scene investigators and it is fully designed and manufactured in Finland.

The light is portable, rechargeable, and it has 8-step intensity control. The light unit provides an outstanding light output and smooth surface illumination. One light unit can contain several different wavelengths of light (including UV light) and they can be easily selected from the user-friendly panel.

“The light unit is extremely easy to handle and the long lifetime rechargeable battery enables the usage of the light even remote districts”

Obelux CR9 forensic light is made up of sixteen high-power LEDs that are available from the 365nm ultra-violet and visible light to infrared components of light. Obelux CR9 forensic light sources are designed for crime scene operations, fingerprint and footprint detections, and laboratory investigations. In addition, the lights are available also with other colors and wavelengths.



OBELUX CR9 FORENSIC LIGHT SOURCES

Crime Scene 3-Colour Light	Footprint Detection Light	Fingerprint Detection Light	Crime Laboratory 3-Colour Light
<ul style="list-style-type: none"> ✓ UV (385nm), White, Violet (417nm) ✓ For detecting fingerprints, footprints, blood, semen, and other bodily fluids 	<ul style="list-style-type: none"> ✓ High power white LEDs ✓ Ideal for footprint detections ✓ Provides an outstanding wide horizontal light beam 	<ul style="list-style-type: none"> ✓ Blue 455 nm ✓ Ideal for fingerprint detection 	<ul style="list-style-type: none"> ✓ Blue 455 nm, Cyan 500 nm, Green 530 nm ✓ For several types of laboratory investigations

Also available with other colours.



CR9-UWV-A1: Crime scene



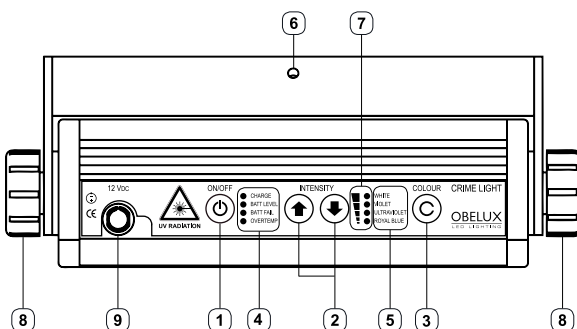
CR9-W-B1 : Footprint



CR9-B-A2 : Fingerprint



CR9-BCG-A2: Laboratory investigation



- 1 ON / OFF
- 2 INTENSITY CONTROL
- 3 COLOUR SELECTOR
- 4 STATUS LIGHTS
- 5 COLOUR INDICATOR
- 6 TRIPOD SOCKET
- 7 MULTIMODE INDICATOR
- 8 HANDLE POSITIONING KNOB
- 9 DC CONNECTOR 12 VDC





Photos: Maria Heinola

Feedback from Crime Scene Investigators

"At the crime scenes we have mainly used a light unit which contains 385nm ultra-violet, 415nm violet, and white light. Within the laboratories we have also used 455nm blue for fingerprint identification"

"With traditional methods fingerprint evidence, blood stains, and other fluids on different types of surfaces may go undetected or even dismissed without scanning the place thoroughly with bright and wide light beam."

"With bright white light we are able to illuminate large surface at once which helps substantially in footprint examinations"

"The usage of the 385nm ultra-violet light may reveal details of a bruise pattern in a suspects palm and link a suspect to a weapon. It is also easier to detect the shape of a weapon from the bruises with victims of violence that wouldn't be visible to the naked eye."

"Wavelength of 415nm reveals surprisingly accurately even the slightest blood stains against blurred surface."

Obelux CR9 Forensic Light Kit



1. Carrying case



2. Obelux CR9 Forensic Light



3. AC Adapter



4. Filter goggles

Obelux CR9 Additional accessories



- Camera filter system: camera adapter ring, filter holder and filter sheets.
- Filter goggles: Clear, Yellow, Orange, Red.
- Car adapter 12 DVC
- AC adapter 230 VAC
- Carrying case for 2 lights

KEY FEATURES:

- ✓ Excellent surface illumination with 16 long lifetime LEDs
- ✓ Range of wavelengths including UV and white
- ✓ Spot light beam without hotspot
- ✓ Portable size (less than 2 kg)
- ✓ Rechargeable battery and plug-in option
- ✓ Slim and robust design
- ✓ Can be used meanwhile charging
- ✓ 8-step intensity control
- ✓ Automatical temperature regulator

TECHNICAL SPECIFICATIONS

Weight	With battery 1.9 kg	
Light unit size	Length 220 mm Width 88 mm Height 50 mm	
Battery	Lithium polymer (39 Wh)	
Typical continuous operation time	100 % light output	120 min
	70 % light output	200 min
	35 % light output	400 min
Operating temperature range	-30°C...+50°C	
Housing	Black anodised marine grade aluminium body and end parts. AISI 316 acid proof steel screws.	



OBELUX

LED LIGHTING

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