

## Forensic torch Regula 1116M



**The forensic torch Regula 1116M is intended for revealing latent fingerprints and other trace evidence that can be found at the crime scene and analyzed at the forensic laboratory.**

**Can be used for detecting a wide variety of substances such as hair, bodily fluids, fibers, gunshot residue, etc.**

This compact torch with waterproof and impact-resistant metal body may be hand-held or mounted on a standard tripod. Depending on the model, the device may have one or two high-intensity LED light sources of different types used for multispectral crime scene investigation.

The forensic torch Regula 1116M is powered by two 26650 Li-ion rechargeable batteries which provide minimum 4 hours of continuous operation. The brightness of the LEDs remains constant regardless of the battery level. The device features battery discharge indication and automatic power-off function.

It is possible to supply a set of various modifications of the torch packed in a specialized case.

### **Application**

- Forensic laboratories
- Court expertise
- Law enforcement agencies
- Border control and immigration services
- Medical establishments

### **Delivery Set:**

- Optionally:
  - Li-Ion 26650 rechargeable batteries, 2 pcs.
  - Charger
  - Forensic glasses
  - Carrying case

The forensic torch Regula 1116M.XX2 may be equipped with one 15W LED light source or two LED light sources of different types with a total power of up to 15 W.

Light sources (LED, power 6... 15 W)	Model 1116M.XX2		Application
White	0	-	General illumination
UV 365 nm	1	1	Fibers, traces of drugs, semen, saliva and urine, bruising and bite marks
UV 400 nm	2	2	Fibers, hair, traces of blood, drugs, semen, saliva and urine, bruising and bite marks
Blue 450 nm	3	3	Fibers, hair, traces of blood, semen, saliva, urine, bone particles, gunshot residue
Blue 470 nm	4	4	Fibers, bone particles, gunshot residue
Blue/Green 505 nm	5	5	Fibers, bone particles, gunshot residue, fingerprints
Green 530 nm	6	6	Fibers, bone particles, fingerprints
Orange 590 nm	7	7	Fibers, fingerprints
Red 630 nm	8	8	Fingerprints
IR 850 nm	9	9	Traces of blood and gunshot residue (the torch is used together with a special IR camera)

#### Examples:

Regula 1116M.112 – equipped with one LED light source: UV 365 nm

Regula 1116M.192 – equipped with two LED light sources: UV 365 nm, IR 850 nm

#### Currently available models:

1116M.012, 1116M.022, 1116M.032, 1116M.042, 1116M.052, 1116M.062, 1116M.072, 1116M.082, 1116M.092, 1116M.112, 1116M.222, 1116M.332, 1116M.442, 1116M.552, 1116M.662, 1116M.772, 1116M.882, 1116M.992, 1116M.122, 1116M.192, 1116M.352, 1116M.362, 1116M.372, 1116M.382, 1116M.392, 1116M.672

LED power (depending on the model), W — 6... 15

Time of continuous operation, hours, min — 4

Type and number of power supply elements — Li-Ion 26650, 2 pcs.

Level of protection — IP65

Device dimensions, mm, max — 210×65×65

Device weight (without batteries), kg, max — 0,45

Rated current consumption, A, max — 2,2