

ilumCURE 1G



The UV handheld lighting device ilumCURE 1G by IMM Photonics is an UV light source with a central wavelength of 365 nm or 405 nm. It serves as mobile UV light source for the curing of UV adhesives.

The ilumCURE 1G features a robust aluminium housing and was especially developed for fieldwork. The integrated lithium ion battery allows up to 3 hours of continuous operation. The ilumCURE 1G can be re-charged (standard charge) with various USB Ports. With a mains adaptor (separately sold) you can fast charge and / or directly operate the device via an AC power outlet.

Thanks to the high-performance UV LED, the curing of UV adhesives requires only a few seconds of exposure.

WAVELENGTH ART.NO.	365 NM 1600000104	405 NM 1600000105
UVA Power	330 mW (typ.)	340 mW (typ.)
Trigger illumination	Via push-button on housing	
Battery	Li-ion / 3.6 V, 2250 mAh, exchangeable	
Battery safety functions	Over- and undervoltage, overcurrent, excess temperature	
Charging time for completely discharged battery	< 4.0 h fast charge < 5.5 h standard charge	
Operating time with fully charged battery	3.0 hours	
Fast charge	Automatically detected	
Chargers	Fast charge: USB mains adaptor 5 V / 1000 mA Standard charge: various USB mains adaptors, PC	

Individual. Innovative. Exceptional.

ilumCURE 1G

WAVELENGTH ART.NO.

365 NM
1600000104

405 NM
1600000105

Charging indicator
(next to USB port)

Orange: Charging in progress
Green: Battery is fully charged

Overall Dimensions

Length 185 mm, max. diameter 27.5 mm

Lighting tip dimensions

Total length of tip 53 mm, diameter 5 mm (along 8 mm)

Weight / Material

Approx. 100 g / full metal housing, anodised aluminium

Operating / storage
temperature

+5 °C to +45 °C / -10 °C to +70 °C

Humidity

5 % to 95 % r. h. (non-condensing)

Delivery

- ilumCURE 1G
- Mini USB cable
- Instruction manual
- Quadrosafe
(L 19 cm, D 4.5 cm, PP, transparent)

- ilumCURE 1G
- Mini USB cable
- Instruction manual
- Quadrosafe
(L 19 cm, D 4.5 cm, PP, transparent)

Available accessories

- Fast charge USB mains adaptor
(Art. No. 1600000100)
- Variable collimating lens W
(Art. No. 1600000064)
- Variable collimating lens N
(Art. No. 1600000071)
- Systainer (Art. No. 1600000114)

- Fast charge USB mains adaptor
(Art. No. 1600000100)
- Variable collimating lens W
(Art. No. 1600000064)
- Variable collimating lens N
(Art. No. 1600000071)
- Systainer (Art. No. 1600000114)

Subject to technical modifications. As per October 2024.

Individual. Innovative. Exceptional.

IMM Photonics GmbH | Ohmstraße 4 | 85716 Unterschleißheim | Germany | imm-photonics.de

**WE LOOK
FORWARD**
to solving your
challenge

