



## 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 ilum-CURE 1G can be re-charged (standard charge) with various USB Ports. With a mains adaptor (separately sold or included) 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	365 nm	405 nm
Art. No.	1600000104	1600000105
Output	250 mW (typ.)	290 mW (typ.)
Packaging	Quadrosafe	Quadrosafe
Start-up	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	
Charging indicator (next to USB-B port)	Red: 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	<ul style="list-style-type: none"> <li>• ilumCURE 1G</li> <li>• Quadrosafe (L 19 cm, D 4.5 cm, PP, transparent)</li> <li>• Cable USB-A to USB-B</li> <li>• Instruction manual</li> </ul>	<ul style="list-style-type: none"> <li>• ilumCURE 1G</li> <li>• Quadrosafe (L 19 cm, D 4.5 cm, PP, transparent)</li> <li>• Cable USB-A to USB-B</li> <li>• Instruction manual</li> </ul>
Available accessories	<ul style="list-style-type: none"> <li>• Fast charge USB mains adaptor (Art. No. 1600000100)</li> <li>• Variable collimating lens W (Art. No. 1600000064)</li> <li>• Variable collimating lens N (Art. No. 1600000071)</li> </ul>	<ul style="list-style-type: none"> <li>• Fast charge USB mains adaptor (Art. No. 1600000100)</li> <li>• Variable collimating lens W (Art. No. 1600000064)</li> <li>• Variable collimating lens N (Art. No. 1600000071)</li> </ul>

