PRODUCT INFORMATION
UV Technology

MR®976 UV-LED-Light

Product characteristics

- Robust aluminum housing & ergonomic handle
- Switch between UV and white light at the touch of a button
- White light component for UV light <5 lux
- Protective switch-off in case of overtemperature
- Battery or mains operation
- Operating time with fully charged batteries approx. 4 hours
- Constant irradiance
- Charging and operating status indicator via RGB LED
- Rubber protective ring around the LED head
- One-year warranty incl. UV LEDs

Technical data

Power consumption	15 W
Housing	Aluminum, rubber, PC/ABS
Weight	650 g (including 2 batteries)
Dimensions	166 x 96 x 188 mm
Protection class acc. DIN EN60529	IP64
UV-LED Lifetime	approx. 10.000 h
Working temperature	10 – 50 °C
Waste heat	< 30 °C
LED	5 high-performance UV LEDs 1x white light LED
White light LED	6500 K color temperature
Wavelenght UV light	365 nm ± 5 nm
UV intensity [EUV-A]	35.5 W/m² / 3550 µW/cm² at a distance of 400 mm from the edge of the rubber holster
Illuminated field [50% EUV-A] (half-width)	210mm Ø
Risk class	2 according to EM 6 and BGFE

Technical changes reserved!

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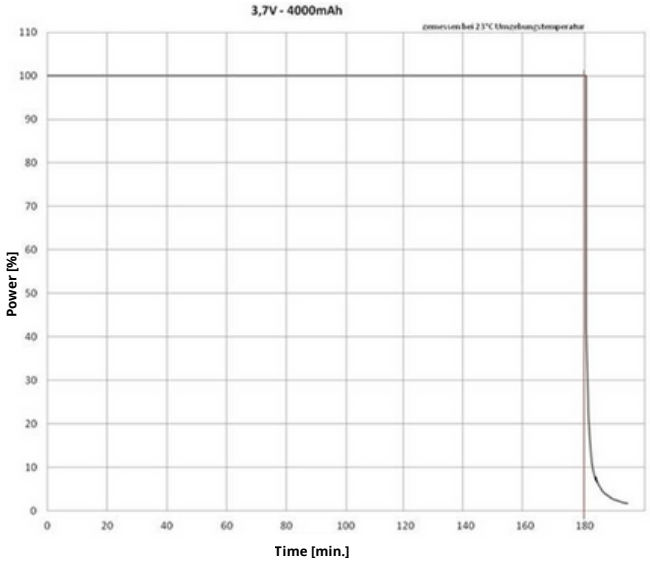
07.11.2025

PRODUCT INFORMATION
UV Technology

MR® CHEMIE
NDT-MATERIALS

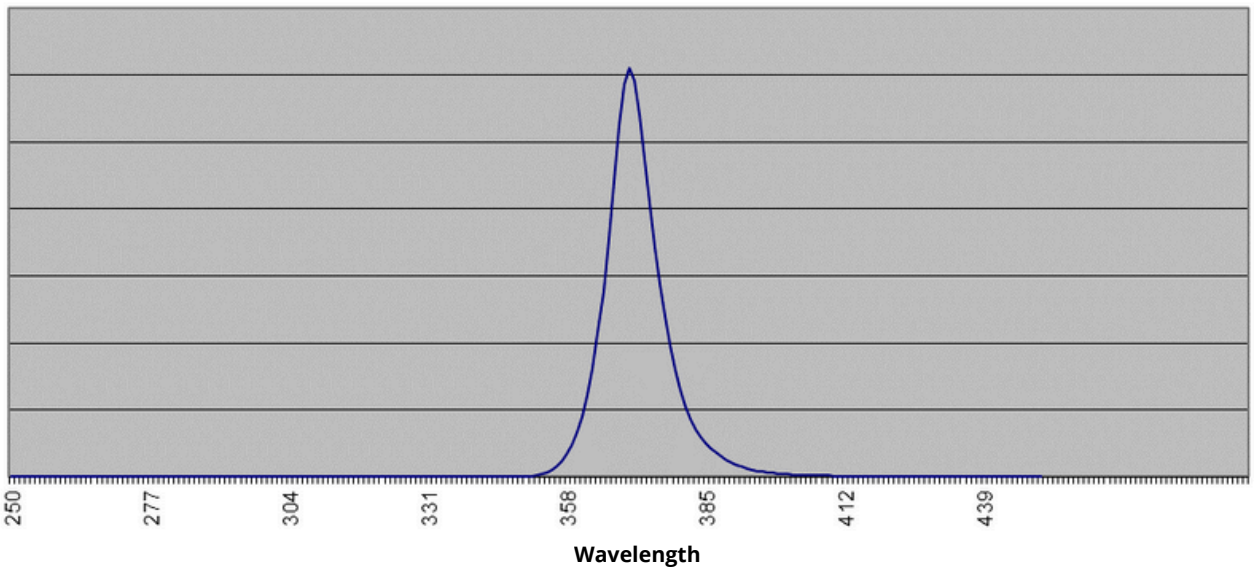
MR®976 UV-LED-Light

Diagrams



Approvals / Conformities

- DIN EN ISO 3059
- ASTM E 3022-25
  (Certificate on request)
- RRES 90061
  (Certificate on request)
- AITM6-1001 / Airbus
  (Certificate on request)



Technische Änderungen vorbehalten!

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Scope of delivery

MR® 976 **Art. 4771**
UV-LED-Light

BATTERY SET (2 PCS.) **Art. 322**
Li-Ion, XTAR 21700 5000 mAh
10A Battery 50 E
3,6 V / 5000 mAh / 18 Wh

CHARGER **Art. 323**
Fenix ARE-A2
2 separate charging wells, monitored independently of each other, each with sliding clamp contacts

TRANSPORT CASE **Art. 321**
400 x 300 x 130 mm

MEASUREMENT REPORT
For MR® 976

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Optionally available

SWITCHING POWER SUPPLY **Art. 744**
for MR® 976

SAFETY GLASSES **Art. 1106**
for MR® 976

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