



Reskolux® II UV 365 LED Seti

UV LAMP 365 LED

Art. 78175

UV LAMP 365 LED – Innovative analysis and inspection device designed for UV fluorescence analyses and historical-artistic technical examinations on surfaces of objects and materials during restoration.

Description:

- Compact, pocket-sized design with a high-performance UV light source
- Circular illumination with high light output (180 mW)
- Long-life, high-intensity UV-LED source
- UV-A spectrum: 360–370 nm range, peak emission at 365 nm
- Microcontroller system optimizes power management with overload protection
- Lightweight and operable with one hand
- Triple aspheric lens system optimized for UVA radiation
- Corrosion-resistant die-cast aluminum body
- Water-resistant (IP67)
- Low self-discharge NiMH rechargeable batteries; smart charging unit with LED status indicators and overheating protection

The **UV LAMP 365 LED** is intended for testing and analysis purposes, emitting high-intensity UV radiation at 365 nm \pm 5 nm (UV-A). According to the EN 62471 standard, this light source falls under **Risk Group 3**.

Safety Warnings:

- Do not look directly at the light source or through optical instruments to avoid eye damage
- Always wear UV protective glasses while operating the device
- Hands and skin should be properly protected

Technical Specifications:

- Light source: High-intensity UV LED
- Spot diameter: Approx. 67 cm (at 1 m distance)
- Illumination angle: Approx. 37°
- Wavelength: 365 nm \pm 5 nm
- Light intensity: Approx. 180 mW from 20 cm distance
- Operating distance: From approx. 20 cm
- Risk category: Group 3, DIN EN 62471
- Power supply: NiMH battery 4.8 V DC
- Power consumption: Max. 1.2 W
- Operating time: >10 hours
- Charging time: 2.5 hours





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Restorasyon ve Koruma Malzemeleri ve Ekipmanları

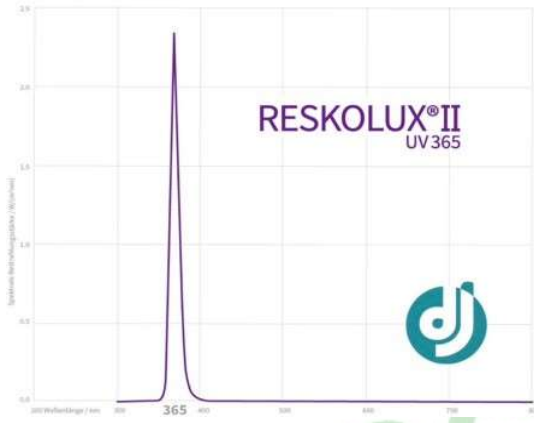


TEKNİK VERİ SAYFASI

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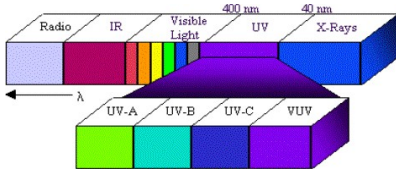
- Operating temperature: Discharge: -20°C / +55°C; Charge: +10°C / +40°C
- Storage temperature: -20°C / +35°C (1 year); -20°C / +45°C (3 months); -20°C / +55°C (1 month)
- Protection class: IP67 (1 m, 30 min)
- Dimensions: 111 x 70 x 30 mm
- Lens diameter: 29.5 mm (effective 19 mm)
- Weight: 270 g
- Emission spectrum: High-intensity UV LED emission spectrum

Emission spectrum



Art. 91243/UV (not included – optional)

They are transparent glasses that provide protection against UV radiation. Ideal for protecting the eyes during the use of a Wood lamp while examining paintings; also suitable for palaeographic studies and forensic analyses on documents.



Professional Use