

UV-Light Projector

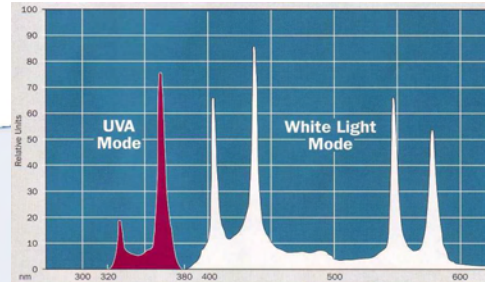
This UV light projector with a mercury steam arc lamp is designed for the increased industrial illumination requirements, especially for the industrial endoscopy/borescopy:

simple, robust und reliable also when use over many hours.

The light output is increased against the former light sources of about 40%, without the lamp power to increase. Means 40% more light power on the fluid light guide output.

As a matter of course are all R.WOLF fluid light guides suitable without any additionally adapter.

- most UV transmission with inbuild filter kit UVA blue at 365 nm
- hand switch for switching white light – UV-light (Foot switch as option)
- robust, powder-coated metal case
- powerful and quiet cooling fan
- continuously manual brightness control
- complete wave lengths area 250 - 600 nm



Technical Dates:

| Model | UV-1000-F |
|----------------------------|---|
| Lamp wattage | 120 watts |
| Kind of lamp | mercury steam short arc lamp (order no. for spare: 2.24120.201) |
| Brightness control | rotary switch on the front panel (control area 10-100%) |
| Highest UV transmission | 365 nm |
| Beam flow | in the wave area of 260-400 nm through a light guide Ø 4.5 mm: 6-7 watts |
| Lamp life time | typical 1000-2000 hrs. |
| Operating conditions | Temperature 0° - +40°C / re l. humidity: 30 - 75% |
| Standard accessories incl. | 1 Lamp 120W HG (inbuild), Mains cable 3 m long |
| Safety | EMC EMI Standard FCC Class B |
| Mains power | 100 - 240V / 50-60 Hz |
| Dimensions / weight | (WxHxD) 310 x 120 x 280 mm / 4.8 kg |
| Order numbers: | 2.30304.001 Light projector 2.24120.201 Spare lamp Foot switch on request |

NEW

Xenon Arc Lamp Light Source TLX-2

This new light source TLX-2 with a 180 watts Xenon arc lamp has been designed for the increased light requirements in the field of industrial endoscopy: **simple, robust and reliable**, also for long continuous operation. The unique light focusing yields the best possible light transmission and an increased angle of emission for optimum light efficiency and excellent object illumination.

- robust metal case
- prove, robust NBR shock absorber frames on front and rear sides
- Sealed front control panel
- continuous light adjustment via an integrated aperture diaphragm 2 – 100%
- constant true daylight colour temperature over the full output range
- rotatable universal light guide connection plugs for WOLF standard and 3 other light guide brands
- space economic operation in vertical or horizontal position
- sturdy metal carrying handle
- powerful and low noise double cooling fans
- automatic switching power supply for worldwide operation (also on aircraft voltage)



Technical Dates:

| Model | TLX-2 |
|---------------------------------|--|
| Lamp power / colour temperature | 180 Watt / 6000K |
| Lamp type | Xenon short arc lamp (spare order-no.: 2412.115) |
| Lamp working life | approx. 500 h |
| Brightness control | manual on the front panel 2 – 100% |
| Lighting angle | wide angle focusing 70° |
| Operation conditions | temperature 0° - +40° C / rel. humidity: 30 - 75% |
| Incl. accessories | 1 Xenon-lamp 180 W, mains cable with angled plug 3 m long |
| Electrical safety | Protection class 1 Electr. safety 73/23 EWG / CE EMC 89/336 EWG / 93/68 EWG / CE |
| Power supply | 100 - 240V~/ 50-60 Hz, 110V~/400 Hz (automatic switching) |
| Dimensions / weight | (WxHxD) 340 x 130 x 315 mm / 6,8 kg |
| Order numbers | 2.51240.001 (Option: Alu carrying case: 3.51210.90) |