



LED

LEDLINE 500

Compact and long-living

System-Features

- Integrated timer
- High intensity
- Homogenous intensity distribution
- Long service life
- Different wavelengths
- For all common mains voltages and frequencies
- Compact design

Advantages

- Excellent production results within seconds
- Multi-functional
- Reliable and long-living
- No warm-up
- No stand-by time
- Low power consumption
- Stackable
- For mobile use

LEDLINE 500 – compact and highly intensive

LEDLINE 500 is a **highly intensive UV-LED line**. Its compact design makes it easy to transport and thus **ideal for mobile use**.

Its intensive irradiation ensures **reliable production results within seconds**. An integrated timer allows the adjustment of irradiation times between 1 second and 19 hours which leads to exactly reproducible curing results. Of course continuous operation is also possible.

For larger irradiation areas LEDLINES are stackable almost without gap and up to any lengths.

The typical service life of a LED is more than **20.000 hours***. **LEDLINE 500** can be switched on and off as often as necessary as it does not require any warm-up or cooling phase.

LEDLINE 500 is available in emitted wavelengths of 365 nm or 405 nm +/- 10 nm. This allows a precise adaption to the respective application.

Fields of application

LEDLINE 500 is especially apt for curing UV reactive adhesives and sealants. Fields of applications are:

- Curing of UV reactive adhesives when joining glass, plastics and metals
- Curing of UV reactive compounds on electrical and electronic components

- Manufacturing and repairing of plastic parts with UV curing polyester resins

Handy and safe

LEDLINE 500 does not need an external power supply. Thanks to an integrated driver the LED unit can be directly connected to the mains supply and thus be used very flexibly.

Technical data

| | |
|----------------------------|--|
| Power supply | 110 - 230 V ± 10% / 50 - 60 Hz |
| Intensity **) | 365 nm: 130 mW/cm ² 405 nm: 300 mW/cm ² |
| Dimension of output window | ca. 500 x 15 mm |
| Weight lamp unit | 2,8 kg |
| Power input | 120 Watt |

*) Typical service life under specified operating conditions

**) Measured with Hönle UV Meter and LED surface sensor, distance 20 mm



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