

## KL 2500 LED

Highest performance for superior demand



The KL 2500 LED is the performance leader in cold light sources from SCHOTT with a LED light engine. Due to its high light output and special features it complies with advanced requirements in life science and industrial applications of stereo microscopy and macroscopy.

The brightness is equivalent to a 250 W halogen cold light source.

| General data                 |               |                                    |
|------------------------------|---------------|------------------------------------|
| Part-No.                     |               | 250 400                            |
| Dimensions (W x D x H)       | (mm) / (inch) | 114 x 231 x 4.5" x 137/9.1" x 5.4" |
| Weight                       | (kg)          | Approx. 3.6                        |
| Cooling                      |               | Low-noise fan                      |
| Electrical data              |               |                                    |
| Operating voltage, frequency |               | 90 – 264 V ~, 47 – 63 Hz           |
| Input voltage                | (V)           | 24 V                               |
| Power consumption            | (VA)          | Max. 80                            |
| Protection class             |               | II                                 |
| Overvoltage category         |               | II                                 |
| LEDs                         | (W)           | 9 High-Power-LED white             |
| Average LED life time        | (h)           | 50.000 <sup>1</sup>                |

| Illumination data           |               |                    |
|-----------------------------|---------------|--------------------|
| Light flux                  | (lm)          | 1.100 <sup>2</sup> |
| Color temperature           | (k)           | Approx. 5.600      |
| Light control               |               | Electrical         |
| Active light guide diameter | (mm) / (inch) | Max. 9/Max. 0.35"  |

| Certification marks |           |                            |
|---------------------|-----------|----------------------------|
| Marking             | <b>CE</b> | (power supply CE, UL, PSE) |
| EMV-class           | B         |                            |

Note: country specific power cord must be ordered separately!

### Features:

- Multiple-chip white LED light engine
- Continuous dimming from 0 to 100%
- Compact high quality housing with integrated handle
- Small footprint and additional iron ballast for stability when use with goosenecks
- Filter slider with two positions (filter can remain in the light source even if it is not used)
- 1.100 Lumens output at light guide end (light guides with active diameter of 9 mm)
- PC controllable via USB
- Connection for foot switch and remote control
- Intensity control at three sensitivities (fine, standard and coarse tuning)
- LCD display indicates brightness setting, operation mode, or error code
- Electronic shutter function

<sup>1</sup> max. decline of light output to 70% of origin level

<sup>2</sup> at the output of SCHOTT fiber optic light guide, 1-arm, flexible, Ø 9 mm active, length 1000 mm

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