



LED HI-POWER SPOT

- ▶ Daylight (5,500 K)
- ▶ Light output (70 klx at 80 mm working distance)
- ▶ Long LED service life (> 50,000 hrs)
- ▶ Silent and vibration-free operation
- ▶ Homogenous, shadow-free illumination
- ▶ "Cold" light
- ▶ DC operation (no interference when used in conjunction with video systems)

PHOTONIC LED HI-POWER SPOT

The new Photonic LED Hi-Power spot has been specifically developed for microscopy illumination tasks.

The special construction of this spot allows optimal heat dissipation over the cooling fins so that the illuminated objects will not be heated. The Hi-Power spot is therefore ideal for use in the following fields of applications:

- ▶ Industry
- ▶ Life science
- ▶ Biology
- ▶ Forensics
- ▶ Laboratories
- ▶ Schools and universities

Optionally one or two Hi-Power spots can be connected with the control unit. When using two spots, it is possible to activate one spot,

both spots alternating or both spots together, which is shown on a display. The control unit allows a continuous brightness control.

The illumination set consists of:

- ▶ Hi-Power spot: one or two pieces
- ▶ Control unit: connection possibility for two spots
 - Opportunity of switching between the activated spots shown on display
 - Integrated on/off switch
 - Continuous brightness control
- ▶ Power supply



TECHNICAL DATA

| | | |
|-----------------------------------|--|------------|
| HI-POWER SPOT | 619-20-037 | |
| Dimensions: | Ø 25 x 51 mm | |
| Connectors: | 3,5 mm stereo phone jack, M6 thread for holder | |
| CONTROL UNIT HI-POWER SPOT | 619-30-02499 | |
| LED-Ports: | 2 x 3,5 mm stereo phone jack | |
| ESD: | 4 mm banana plug | |
| Input: | 5 V DC, 1.2 A, DC plug Ø 5,5/2,5 mm | |
| Dimensions: | 95,5 x 64 x 29 mm | |
| POWER SUPPLY | ENSS-15.002 | |
| Input: | 100–240 V AC, 50–60 Hz, 3-pin IEC 320 | |
| Output: | 5 V DC, 2.4 A max., DC plug Ø 5,5/2,5 mm | |
| ACCESSORIES | | |
| Spotholder: | For attaching the Hi-Power Spots directly onto the microscope tripod or on the baseplate | |
| | Spot holder M6/M5: 85 mm | 619-30-041 |
| | Spot holder M6/M5: 200 mm | 619-30-042 |
| | Spot holder M6/M5: 300 mm | 619-30-043 |
| Baseplate: | with M5 screw for fixation of the spotholder | 619-30-007 |
| Diffusor: | for Hi-Power Spot | OPP-00006 |

Subject to change without notice. 05/08

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