

VisiLED Accessories

for stereo microscopy



The range of accessories in the VisiLED series provides even more options for contrast enhancement in all applications. SCHOTT ensures that all its accessories offer simple-to-use operation and a long lifetime, with the segmented polarizer set offering the ability to switch between polarized and non-polarized light without mechanical movement. All SCHOTT accessories use carefully selected materials to deliver best-in-class performance.

Features:

- Polarization filter with extinction ratio of 9,000:1.
- Diffuser with perfect haze of more than 99 % and high transmission.
- Segmented polarization.

Advantages:

- No mechanical movement with segmented polarizer set.
- Smooth motion of polarizer against analyzer.
- Diffuser enables perfect contrast for highly reflective objects.

Types




| Accessories | Compatible Product | Characteristics | Part No. |
|-----------------|---|--|----------|
| Base | | | 158.340 |
| Articulated Arm | | 200 mm (7.87") length / 2x M6 threads | 158.345 |
| Bracket | Brightfield Ring Lights | | 400.511 |
| | For Darkfield Ring Light S40-10D | | 400.512 |
| Adapter Kit | For Darkfield Ring Light S40-10D in combination with S80-55 | | 400.500 |
| Adapter | For Darkfield Ring Light S40-10D in combination with adapters 157.569 157.567 157.562 | Ø 66 mm, Ø 70 mm (2.60", 2.76") | 400.510 |
| | For Darkfield Ring Light S40-10D in combination with adapter 400.510 | Working distance 30 to 50 mm (1.18" to 1.97") | 157.569 |
| | | Working distance 50 to 80 mm (1.97" to 3.15") | 157.567 |
| | | Working distance 80 to 110 mm (3.15" to 4.33") | 157.562 |
| | For Brightfield Ring Lights Ø 66 mm | ID Ø 58 mm to OD Ø 66 mm (2.28" to 2.60") | 157.450 |
| | | ID Ø 60 mm to OD Ø 66 mm (2.36" to 2.60") | 157.452 |
| | Transmitted Light Stage Ø 84 mm | For Base Plate Ø 100 mm (3.94") | 157.600 |
| | | For Base Plate Ø 120 mm (4.72") | 157.610 |
| | | For Base Plate Ø 180 mm (7.09") | 157.620 |
| | | For Base Plate Ø 90 mm (3.54") | 157.630 |

Version 08.2023



VisiLED Accessories

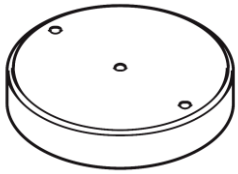
for stereo microscopy

| Accessories | Compatible Product | Characteristics | Part No. |
|---|---|--|----------|
| Polarizer set | S80-55 | Polarizer M110 x 1 Analyzer for 66 mm lens | 400.550 |
| |  S80-65N-2 | Polarizer M122 x 1 Analyzer for 81 mm lens | 400.666 |
| | S40-75 | Polarizer M90 x 1 Analyzer for 66 mm lens | 400.575 |
| Segmented Polarizer Set | S80-55 | 4 segments with polarization and 4 segments without polarization | 400.555 |
| Polarizing filter attachment | TLS-BF | Ø 84 mm (3.31") | 158.500 |
| Analyzer | TLS-BF | M 49 x 0.75 | 158.505 |
| | | M 52 x 1 | 158.510 |
| Focus optics ring for darkfield | Slim Ring Light (400.150) | Free working distance 5 - 20 mm (0.20" - 0.79") | 400.810 |
| Diffuser | S80-55 | M 110 x 1 | 400.570 |
| | S40-75 | M 90 x 1 | 400.580 |
| |  S80-65N-2 | M 122 x 1 | 400.667 |
|  Tubular Diffuser | S80-55 (from August 2023) S80-25 (from August 2023) | M 67 x 0.75 | 400.590 |
| Protection window | S80-55 S80-25 | M 110 x 1 | 400.560 |
| Footswitch | MC 1500 | momentary | 400.020 |
| RS-232 USB 1.1 Converter Cable | MC 1500 | 1.5 m (59") | 400.030 |
| Power supply | MC 1100 MC 1500 | 21V DC | 400.050 |
| Power cord 1.8 m | Power supply | EU Plug: IEC-C13 to CEE 7/7 | 400.051 |
| | | US Plug: IEC-C13 to NEMA 5-15 | 400.052 |
| | | UK Plug: IEC-C13 to BS 1363 | 400.053 |
| | | Swiss Plug: IEC-C13 to SEV1011 | 400.054 |



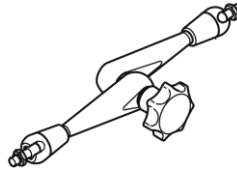
Dimensions

Base



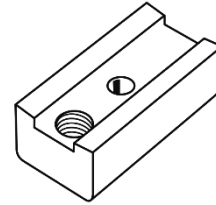
P/N: 158.340

Articulated arm



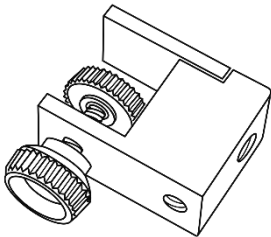
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Bracket for Brightfield Ring Light



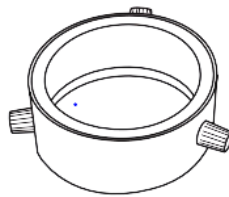
P/N: 400.511

Bracket for Darkfield Ring Light



P/N: 400.512

DF-Adapter



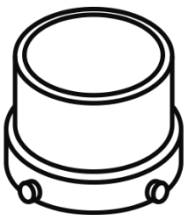
P/N: 400.510

Adapter Kit



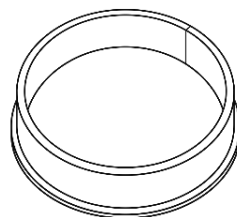
P/N: 400.500

Adapter for Darkfield Ring Lights



P/N: 157.569 | 157.567 |
157.562

Adapter for Brightfield Ring Lights



P/N: 157.450 | 157.452

Adapter for Transmitted Light Stage

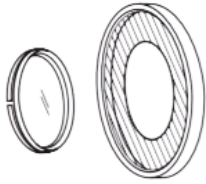


P/N: 157.600 | 157.610 |
157.620 | 157.630

Pictures are provided for illustration purposes only, and may not provide an accurate reflection of the actual product.

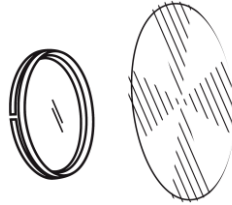
Dimensions

Polarizer Set



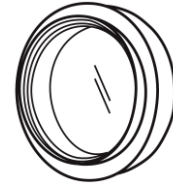
P/N: 400.550 | 400.666 |
400.575

Segmented Polarizer Set



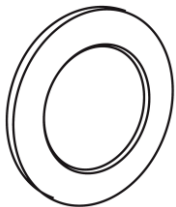
P/N: 400.555

Analyzer



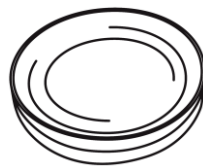
P/N: 158.505 | 158.510

Polarizing filter attachment



P/N: 158.500

Focus optics ring for darkfield



P/N: 400.810

Diffuser



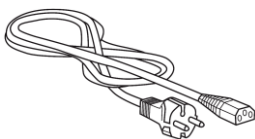
P/N: 400.570 | 400.580 |
400.667

Tubular Diffuser



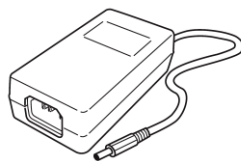
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Power Cord



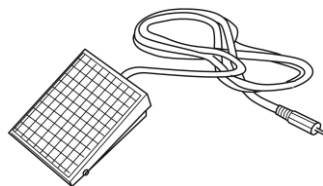
P/N: 400.051 | 400.052 |
400.053 | 400.054

Power supply



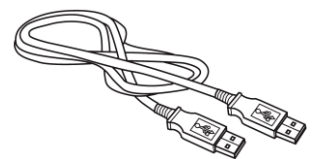
P/N: 400.050

Footswitch



P/N: 400.020

RS232 USB 1.1 converter



P/N: 400.030

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