

# 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

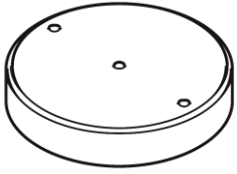
for stereo microscopy

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



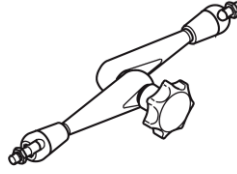
## Dimensions

**Base**



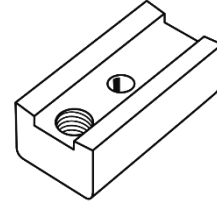
P/N: 158.340

**Articulated arm**



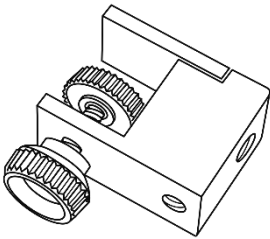
P/N: 158.345

**Bracket for Brightfield Ring Light**



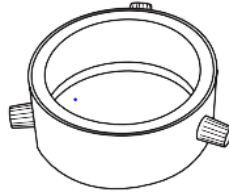
P/N: 400.511

**Bracket for Darkfield Ring Light**



P/N: 400.512

**DF-Adapter**



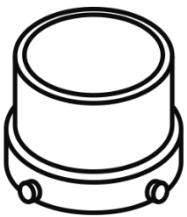
P/N: 400.510

**Adapter Kit**



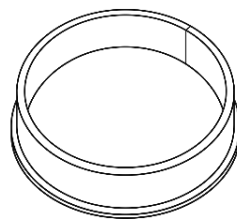
P/N: 400.500

**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**

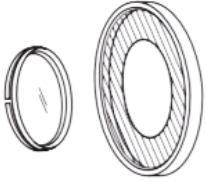


P/N: 157.600 | 157.610 |  
157.620 | 157.630

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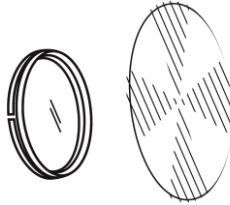
## Dimensions

### Polarizer Set



P/N: 400.550 | 400.666 |  
400.575

### Segmented Polarizer Set



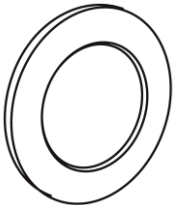
P/N: 400.555

### Analyzer



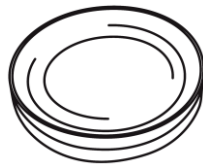
P/N: 158.505 | 158.510

### Polarizing filter attachment



P/N: 158.500

### Focus optics ring for darkfield



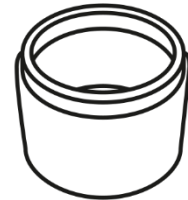
P/N: 400.810

### Diffuser



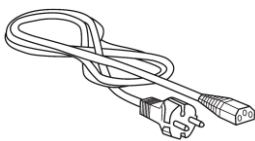
P/N: 400.570 | 400.580 |  
400.667

### Tubular Diffuser



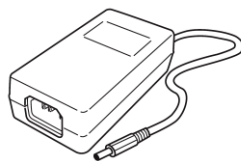
P/N: 400.590

### Power Cord



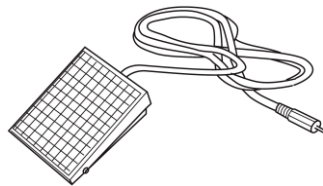
P/N: 400.051 | 400.052 |  
400.053 | 400.054

### Power supply



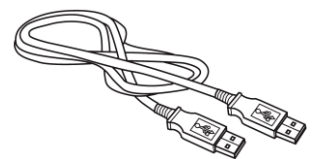
P/N: 400.050

### Footswitch



P/N: 400.020

### RS232 USB 1.1 converter



P/N: 400.030

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Lighting and Imaging  
**SCHOTT AG**  
Hattenbergstrasse 10  
55122 Mainz  
Germany  
Phone: +49 (0) 6131/66-7796  
Fax: +49 (0) 6131/66-7850  
info.microscopy@schott.com  
www.schott.com/microscopy

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