

Аксессуары для освещения микроскопии EasyLED, ColdVision

Технические характеристики

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EasyLED Accessories

for stereo microscopy



SCHOTT offers a variety of mechanical and optical accessories to increase the flexibility of the EasyLED series. Accessories include polarization filters, mounting brackets and color filters for EasyLED Spot Lights, as well as diffusers for EasyLED Ring Lights.

Features:

- Turnable polarization filter.
- Halogen filter and color filters in red, blue, green and yellow available
- Diffuser with adapting thread (M110 x 1) to avoid LED reflection.
- Mounting brackets for column Ø from 20-35 mm.
- Borofloat® glass protection window for oily and dusty environments.

Advantages:

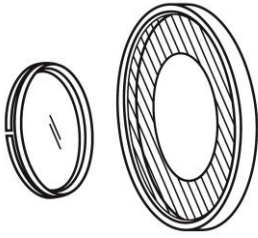
- Compatible with different OEM designs.
- Polarization filters with perfect extinction ratio.
- Color filters with high transmission unaffected by light-entrance angle.
- Diffuser enables perfect contrast for highly reflective objects.
- Mechanical accessories designed for easy handling.

Accessories	Compatible Product	Characteristics	Part No.
Polarization Filter Set	Ring Lights	Polarization Filter M 110 x 1 Analyzer Ø 66 mm	400.550
Polarization Filter	Back Light / Transmitted Light Stage	Ø 84 mm (3.31")	158.500
	Spot Light	Turnable, M 22.5 x 0.5	600.600
Analyzer	Back Light / Transmitted Light Stage	M 49x 0.75	158.505
		M 52 x 1	158.510
Diffuser	Ring Lights	M110 x 1	400.570
Tubular Diffuser	Ring Lights	M 67 x 0.75	400.590
Protection Window	Ring Lights	M110 x 1	400.560
Color Filter	Spot Light	Red	600.650
		Blue	600.660
		Green	600.670
		Yellow	600.680
		Halogen	600.690
Mounting Bracket for Column	Spot Light	For Column Ø 20 mm (0.78")	120.220
		For Column Ø 25 mm (0.98")	120.225
		For Column Ø 29 mm (1.14")	120.229
		For Column Ø 32 mm (1.26")	120.232
		For Column Ø 35 mm (1.38")	123.235
		For ZEISS stand K, stand M	120.240
Base	Spot Light	Ø = 100 mm (3.94") 3 x M6 thread	158.340
Mounting Bracket for Base	Spot Light		120.250
Adapter	Ring Lights Ø 66 mm (2.60")	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 84 mm (3.31")	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



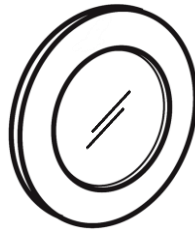
Dimensions

Polarization Filter Set



P/N: 400.550

Polarization Filter for Back Light



P/N: 158.500

Polarization Filter For Spot Light



P/N: 600.600

Analyzer



P/N: 158.505 | 158.510

Diffuser



P/N: 400.570

Tubular Diffuser



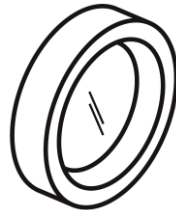
P/N: 400.590

Protection Window



P/N: 400.560

Color filter for spot



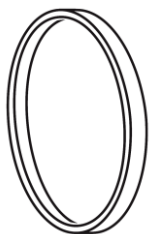
P/N: 600.650 | 600.660 |
600.670 | 600.680 | 600.690

Adapter for Transmitted Light Stage



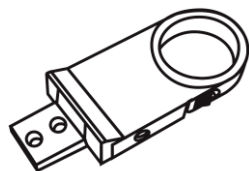
P/N: 157.600 | 157.610 |
157.620 | 157.630

Adapter for Ring Lights



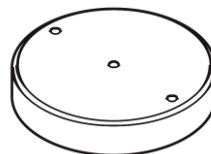
P/N: 157.450 | 157.452

Mounting bracket for column



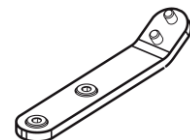
P/N: 120.220 | 120.225 | 120.229
120.232 | 120.235 | 120.240

Base



P/N: 158.340

Mounting bracket for base



P/N: 120.250

Accessories

for ColdVision Fiber Optic Illumination



SCHOTT ColdVision series comes with a range of accessories, which offers even more options for contrast enhancement. Our optical accessories include focusing lenses, cylindrical lenses for line lights, and a wide variety of filters, while mechanical accessories include an articulated arm and base, as well as holders for different size light guides, focusing lenses and adapters for ring lights.

Features:

All ColdVision accessories are designed for stability, easy handling and optimum performance. While focusing lenses can increase light intensity at the spot center, additional contrast can be achieved with a range of optical filters. Adapters are also available for different lens sizes.

Advantages:

- Polarization filters have a perfect extinction ratio.
- Color filters demonstrate high transmission and remain unaffected by light-entrance angle.
- Mechanical accessories offer precise positioning of light guides.
- Ease of replacement of competitor light sources.

Bundle Accessories - Mechanical

Accessories	Compatible Product	Characteristics	Part No.
Articulated Arm	V-Clamp A08591 Base 158.340 All Holders	M6 and M6 thread	A08506
Base	Articulated Arm All Posts (up to 3 at once)	M6 threads only 3 1/2 lb	158.340
Clamps	Bundles Line lights	Spring Clamp M6 thread	A08590*
	Bundles	V-Clamp 2 M6 threaded holes	A08591*
	Base Articulated Arm V-Clamp Spring Clamp	Post Clamp 25.0 mm Post Clamp 32.0 mm	A08525* A08526*
Light Guide Holder	Bundles (with up to .51" (13mm) diameters)	M6 thread .565" (14.4mm) dia. hole	A08508*
Bundle Extenders	Ring lights, Bundles, Goosenecks, Line lights, and Backlights (with a .310" (8mm) or .510" (13mm) active fiber diameter) A08031.40, A08031.60, A08031.80, A08031.40R, A08031.60R, A08031.80R		A08035* ¹
	A08051.40, A08051.60		A08055* ¹

* Made to order product

¹Using a bundle extender results in a 30-40% light loss

Bundle Accessories - Optical

Accessories	Compatible Product	Characteristics	Part No.
Filters and Adapters		Blue	A08070*
		Green	A08071*
		Yellow	A08072*
		Red	A08073*
		Daylight	A08074
		UV Filter, Cut-off	A08075*
		Color Filter Adapter	A08931*
Spot Lenses	Standard Bundles and Goosenecks except A08051.40 & A08051.60	Spot location 40mm, Spot diameter 45 mm	A08080
		Small	A08082*
	A08051.40 & A08051.60	Spot location 40mm, Spot diameter 30 mm	A08084*
Polarizing Cap	A08080 (and A08575)	Reduces glare from spot lens	A08090*

Ring Light Accessories

Accessories	Compatible Product	Characteristics	Part No.
Clamps	Ring Lights	47/62 mm	A08614*
Ring light Polarizers & Analyzers	A08600, A08625	Reduce reflection and glare	A08615*
	A08630, A08635		A08632*
	A08650, A08660		A08652*
	A08700	Polarizer ring only (No analyzer)	A08705

* Made to order product

Line Light Accessories

Accessories	Compatible Product	Characteristics	Part No.
Cylindrical Line Light Lenses	A08579	Designed to collect light exiting the line light to increase intensity up to a factor of 10.	A08571*
	A08583, A08589		A08572*
	A08904		A08824*
	A08906, A08975		A08826*
	A08908		A08828*
	A08910		A08830*
	A08912		A08832*
	A08914		A08834*
	A08916		A08836*

Light Source Accessories

Accessories	Compatible Product	Characteristics	Part No.
Input Adapters	CV-LS & MC-LS	VOLPI	A08009*
		Dolan Jenner	A08002*
		SCHOTT KL	A08013*
Power Cords	CV-LS & MC-LS	US, 72"	H09063.026
		UK, 72"	H09063.027
		EU, 72"	H09063.028

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