KL Line Lights

for KL Light Sources



SCHOTT Line Lights are used to increase the visibility of fine surface structures on flat samples. When illuminated with line light, the sample is lit from the side at a flat angle, resulting in contrast being enhanced by grazing light and its shadow effects.

Features:

- Line lights offer intense homogeneous slit illumination.
- Adjustable cylindrical lens to reduce the illumination angle by up to three degrees.
- Housing made of rugged, black, anodized aluminum.
- Fiber bundle protected by flexible metal PVC sheathing.

Advantages:

- Three different slit slices available according to sample size.
- Line lights offer low-angle illumination for objectives with flat structures.
- Mechanically stable configuration when combined with a separate articulated arm.

Types and compatibility

Type	Compatible cold light source	Part No.	Line Dimensions	Height of housing	Length of housing	Overall length of housing	Width of housing	Length	Outer Ø Jacketing	Active Ø branch	Light source adapter Ø
				(H)	(LH)	(C)	(W)	(L)	(D)	(b)	(F)
Slit 50 mm	KL 1500 HAL KL 1600 LED KL 2500 LED	160.100	50 x 1.2 mm 1.97 x 0.05”	63 mm 2.48”	66 mm 2.60”	~ 94 mm ~ 3.70”	18 mm 0.71”	1000 mm 39.37”	15 mm 0.59”	8,9 mm 0.35”	10 mm 0.39”
Slit 100 mm		160.110	100 x 0.6 mm 3.94 x 0.02”	63 mm 2.48”	116 mm 4.57”	~ 144 mm ~ 5.67”	18 mm 0.71”	1000 mm 39.37”	15 mm 0.59”	8,9 mm 0.35”	10 mm 0.39”
Slit 200 mm		160.120	200 x 0.3 mm 7.87 x 0.02”	101 mm 3.98”	216 mm 8.50”	~ 244 mm ~ 9.61”	18 mm 0.71”	1000 mm 39.37”	15 mm 0.59”	8,9 mm 0.35”	10 mm 0.39”

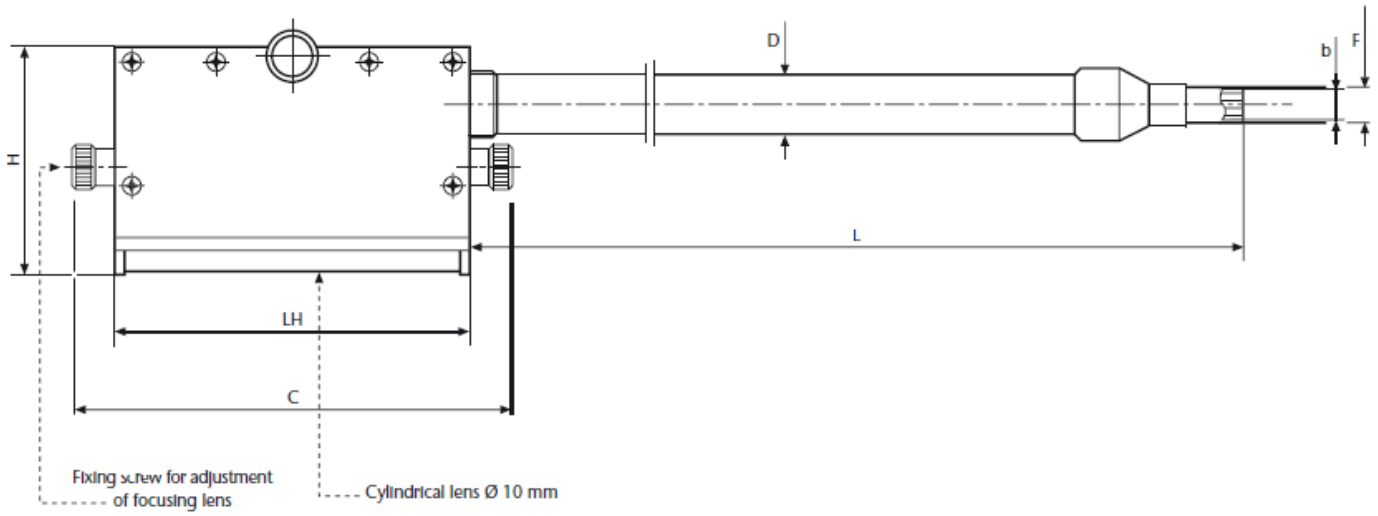
For compatibility with discontinued SCHOTT light sources and third party products, please contact us.

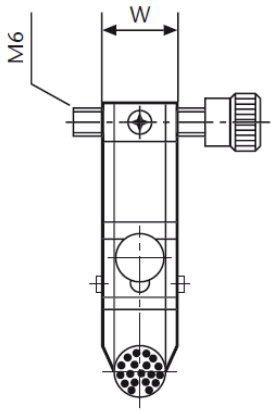
We provide a variety of optical and mechanical accessories for our KL light guides. For details please refer to our system diagrams or according datasheets.

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Dimensions





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

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