KL 300 LED

Compact and bright

KL 300 LED

The KL 300 LED is a fiber optic light source with a LED light engine, developed and designed for industrial and life science applications in stereo microscopy and macroscopy.

The brightness is equivalent to a 30 W halogen cold light source.

Features:

- LED light engine.
- Wide range power supply (100 – 240 V, 50 – 60 Hz)
- International clip plug system.
- Convection cooling (no fan).
- Continuous dimming from 0 to 100 %.
- Mountable direct to microscope stands via respective adaptors or usable as stand-alone.
- Wide range of accessories available (KL 300 series).

General data		
Part-No.		120 300
Dimensions (W x D x H)	(mm) / (inch)	107 x 114 x 61 / 4.2” x 4.5” x 2.4”
Weight	(kg)	Approx. 0.35
Cooling		Convection
Electrical data		
Operating voltage, frequency		100 – 240 V ~, 50 – 60 Hz
Input voltage	(V)	9
Power consumption	(VA)	max. 5
Protection class		II
Overvoltage category		II
LED		1 high power LED white
LED life time	(h)	50,000 [1]
Illumination data		
Luminous flux	(lm)	80 [2]
Color temperature	(K)	Approx. 5,600
Light control		Electrical
Active light guide diameter	(mm) / (inch)	Max. 6/max. 0.23”
Certification marks		
Marking	CE	CE (power supply: CE, UL, PSE)
EMV-class	B	

Mounting adaptors	
Base stand	158 340
Mounting bracket	120 250

Mounting adaptors	
for microscope and swinging arm stands	
bracket for column Ø 25 mm (0.98”)	120 225
bracket for column Ø 29 mm (1.14”)	120 229
bracket for column Ø 32 mm (1.26”)	120 232
bracket for column Ø 35 mm (1.38”)	120 235

[1] max. decline of light output to 70% of origin level
[2] at the output of SCHOTT fiber optic light guide, 1-arm, flexible, Ø 9 mm active, length 1000 mm

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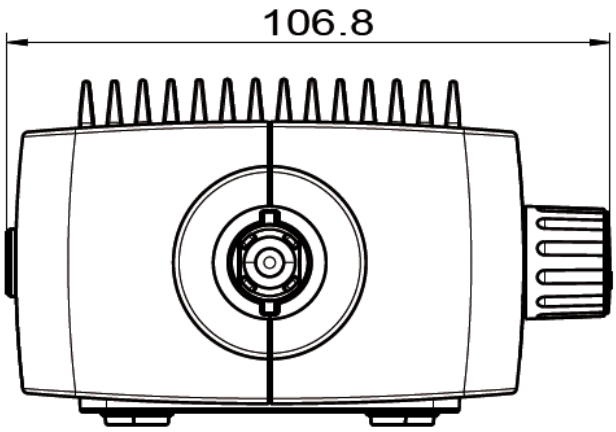

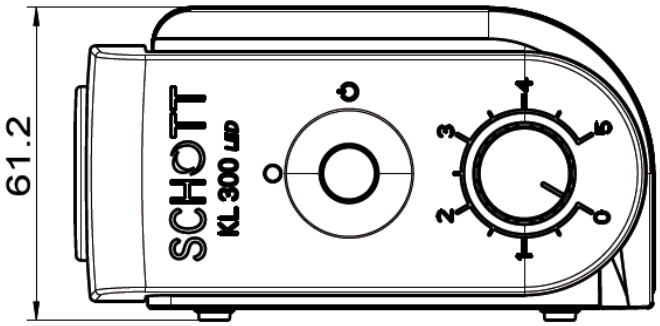

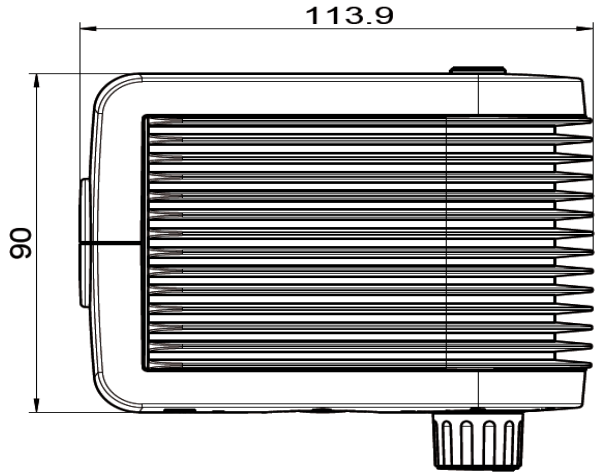

Lighting and Imaging
SCHOTT AG
Hattenbergstrasse 10
55122 Mainz
Germany
Phone: +49 (0) 6131/66-7796
Fax: +49 (0) 6131/66-7850
lightingimaging@schott.com
www.schott.com/lightingimaging

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