



KL 1500 LED plus

§ all KL 1500 LED basic functions  
in addition to:

§ PC controllable via USB

§ foot switch connection

§ intensity control at two sensitivities  
(standard and fine tuning)

§ LCD display indicates brightness setting,  
operation mode, or error code

§ electronic shutter function

§ flash function for freezing of movement

§ Approvals:

The KL 1500 LED plus is in compliance with the  
CE regulations (power supply CE, UL, PSE)

§ Manufactured in the EU

## KL 1500 LED *plus*

*an advanced version of the KL 1500 LED*

The KL 1500 LED plus is an enhancement of the standard version, designed for the more upscaled demands in industrial and life science applications of Stereo Microscopy and Macroscopy.

The brightness is equivalent to a 150-watt halogene cold light source.

All advantages of LED light sources,

- no bulb changing
- low energy consumption
- ripple free DC illumination
- white light (daylight)
- no visible color temperature shift on dimming

are combined with the main advantages of fiber optics,

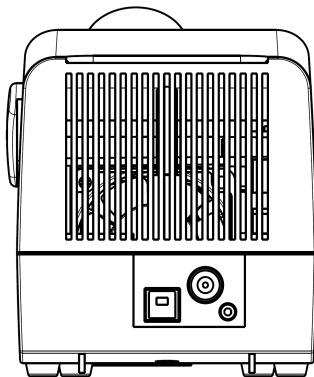
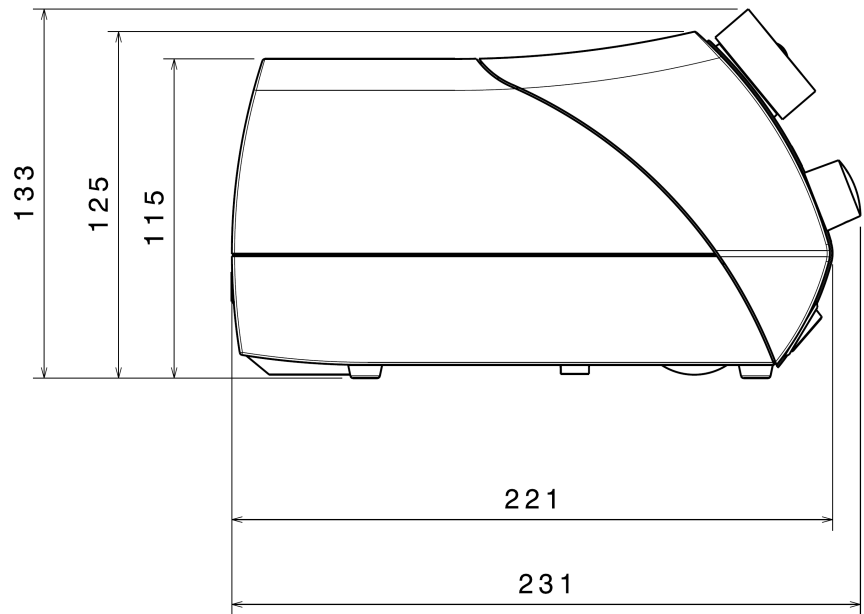
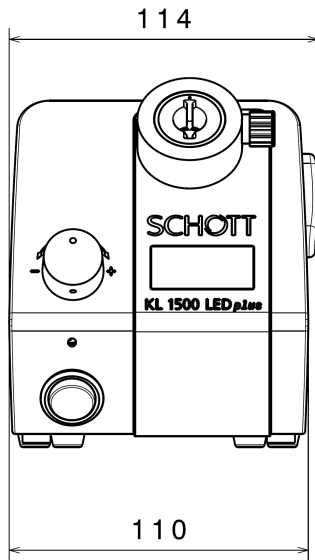
- very high light intensity focused on a small field of view
- high flexibility of light and illumination techniques

for an outstanding price-performance ratio.

KL 1500 LED <i>plus</i>		
<b>General data</b>		
Part-No.		<b>150 500</b>
Dimensions (WxD x H)	(mm)/(inch)	220 x 113 x 137 / 8.7" x 4.5" x 5.4"
Weight	(kg)	approx. 0.76
Cooling		Silent fan
<b>Electrical data</b>		
Operating voltage, frequency		90 - 264 V ~, 47 - 63 Hz
Power consumption	(VA)	max. 36
Protection class		II
Overvoltage category		II
Diodes		Cree Xlamp high power LEDs
LED power rating	(W)	7 x 3.5
LED life time	(h)	50,000
<b>Illumination data</b>		
Light flux	(lm)	380
Color temperature	(K)	approx. 6,000
Light control		Electrical
Active light guide diameter	(mm)/(inch)	max. 9 / max. 0.35"
<b>Certification marks</b>		
Approvals		CE (power supply CE, UL, PSE)
EMV-class		B

**Note:** country specific power cord must be ordered separately!

# KL 1500 LED *plus*



Lighting and Imaging

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