



KL 1600 LED

- multiple LED light engine
- wide range power supply (90-264 V, 47-63 Hz) with international clip plug system
- silent fan cooling
- continuous dimming from 0 to 100%
- compact high quality housing with integrated handle
- small footprint and additional iron ballast for stability when used with goosenecks
- filter slider with two positions (filter can remain in the light source even if it is not used)
- easy to use fixture mechanism with clamping screw
- comprehensive range of lightguides and accessories available (KL 1500 series)
- **Approvals:**  
The KL 1600 LED is in compliance with the CE regulations (power supply CE, UL, PSE)
- Manufactured in the EU

## KL 1600 LED

*a benchmark in the field of LED light sources*

The KL 1600 LED is a fiberoptical lightsource with a multiple LED light engine, designed for industrial and life science applications in Stereo Microscopy and Macroscopy.

The brightness is equivalent to a 150-watt halogen 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 to a small field of view
- high flexibility of light and illumination techniques

for an outstanding price performance ratio.

KL 1600 LED		
<b>General data</b>		
Part-No.		150 600
Dimensions (W x D x H)	(mm) / (inch)	231 x 114 x 137/9.1" x 4.5" x 5.4"
Weight	(kg)	Approx. 2.45
Cooling		Silent fan
<b>Electrical data</b>		
Operating voltage, frequency		90 – 264 V ~, 47 – 63 Hz
Input voltage	(V)	24 V
Power consumption	(VA)	max. 37
Protection class		II
Overvoltage category		II
Diodes		Osram Ostar Compact
LED power rating	(W)	7 x 4.9
A verage LED life time	(h)	50,000
<b>Illumination data</b>		
Luminous flux	(lm)	650
Color temperature	(K)	Approx. 5,600
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 1600 LED

