



KL 1500 HAL

- internal wide range power supply (100 – 240 V, 50 – 60 Hz)
- high frequency illumination (20 kHz, digital camera proof)
- continuous dimming from 0 to 100%
- high quality housing with integrated handle
- swing-in optics for homogenization of light output
- ultra low noise fan
- filter slider with two positions (filter can remain in the light source even if it is not used)
- lamphousing opens to the side (allows change of bulb even if stacked)
- easy to use fixture mechanism with clamping screw

Approvals:

- The KL 1500 HAL has been approved and certified as laboratory equipment by CSA (C/US) and is in compliance with the CE regulations.
- Manufactured in Germany

KL 1500 HAL

A benchmark for colors and functionality

The KL 1500 HAL is a 150-watt halogen cold light source, developed and designed for industrial and life science applications in Stereo Microscopy and Macroscopy.

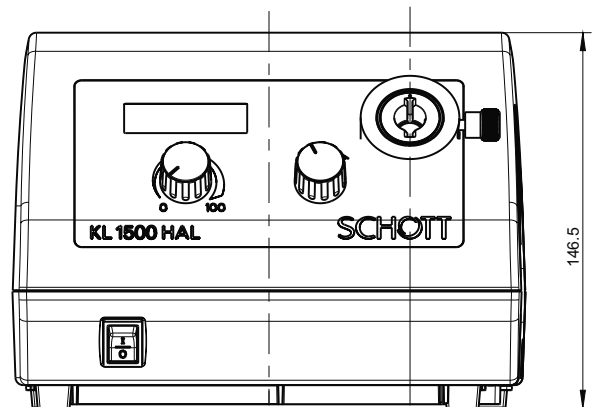
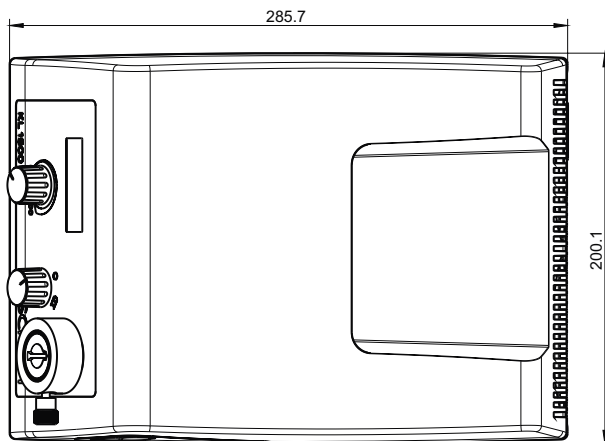
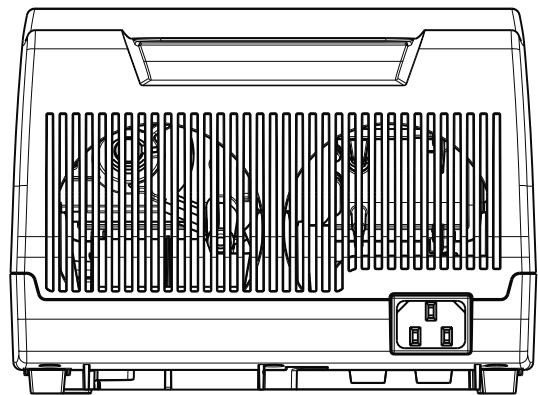
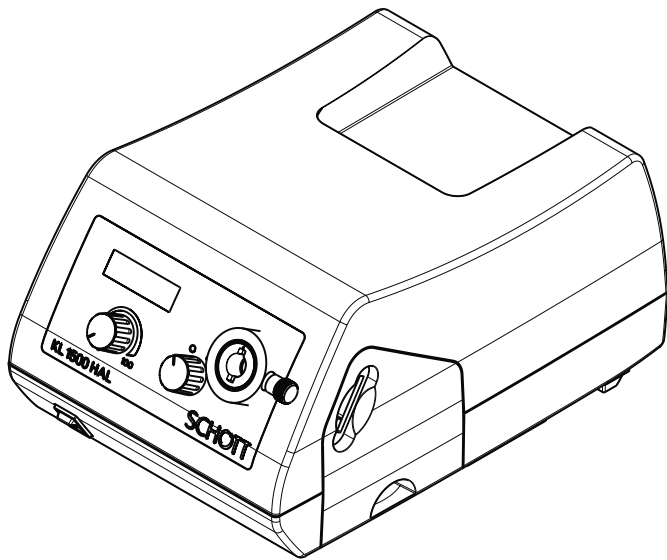
Close to 100 CRI halogen spectrum for excellent performance at rendering colors.

The optical system is optimized for coupling the light of the EFR-type halogen lamp into SCHOTT KL light guides.

KL 1500 HAL			
General data			
Part-No.			150 700
Dimensions (W x D x H)	(mm) / (inch)	200 x 286 x 147/7.9" x 11.3" x 5.8"	
Weight	(kg)	approx. 4.2	
Cooling		ultra low-noise fan	
Electrical data			
Operating voltage, frequency		100 – 240 V ~, 50 – 60 Hz	
Power consumption	(VA)	180	
Protection class		I	
Overvoltage category		II	
Lamp type		Halogen reflector lamp type EFR	
Lamp voltage rating	(V)	15	
Lamp power rating	(W)	150	
Average lamp service life	ECO	(h)	1500
	BOOST	(h)	150
Illumination data			
Light flux (Ø 9.0 mm/1000 mm P/N 155104)	(lm)	600	
Light control		Electrical	
Active light guide diameter	(mm) / (inch)	max. 9 / max. 0.35"	
Certification marks			
Approvals		CE, CSA	
EMV-class		B	
Power cords		Part-No.	
IEC cord with European plug		400 051	
IEC cord with US plug		400 052	
IEC cord with UK plug		400 053	
IEC cord with Swiss plug		400 054	

Note: country specific power cord must be ordered separately!

KL 1500 HAL



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