

KL 1500 HAL

A benchmark for colors and functionality



KL 1500 HAL

The KL 1500 HAL is a 150 W 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 1500 light guides.

Features:

- 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 %
- Swing-in optics for homogenization of light output
- High quality housing with integrated handle
- 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

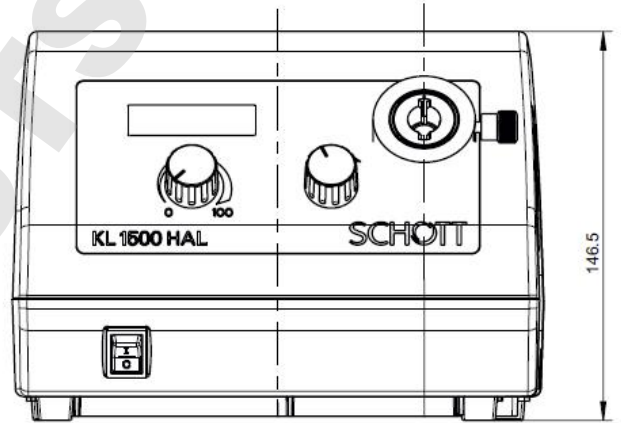
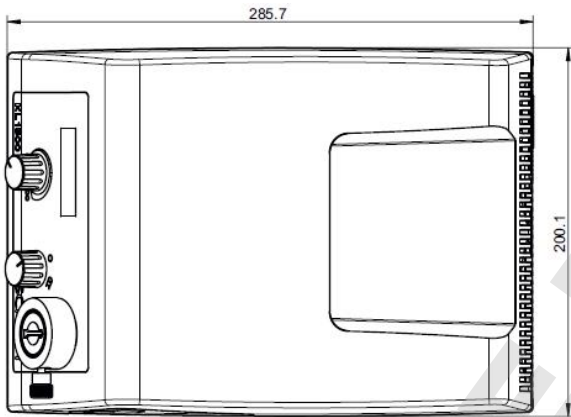
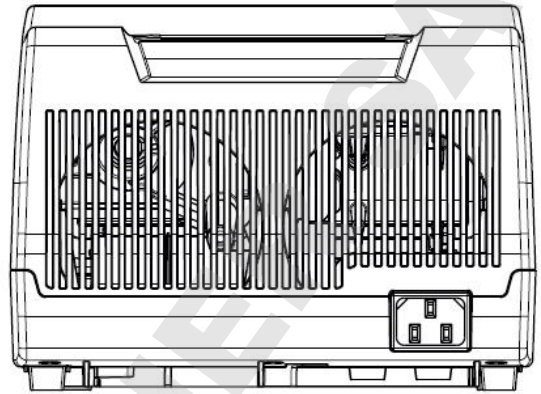
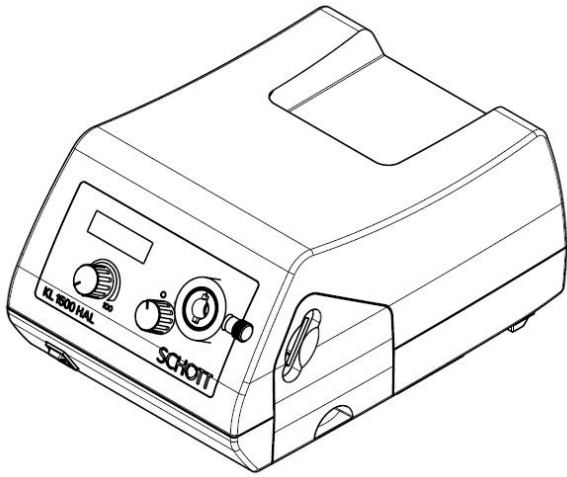
General data			
Part-No.			150 700
Dimensions (W x D x H)	(mm) / (inch)		200 x 286 x 147/7.9" x 11.3" x 5.8"
Weight	(kg)		approx. 4.2
Cooling			ultra low-noise fan
Electrical data			
Operating voltage, frequency			100 – 240 V ~, 50 – 60 Hz
Power consumption	(VA)		180
Protection class			I
Overvoltage category			II
Lamp type			Halogen reflector lamp type EFR
Lamp voltage rating	(V)		15
Lamp power rating	(W)		150
Average Lamp	ECO	(h)	1500
Service life	BOOST	(h)	150
Illumination data			
Light flux (Ø 9.0 mm / 1000 mm P / N 155104)	(lm)		600 ¹
Light control			Electrical
Active light guide diameter	(mm) / (inch)		Max. 9/max. 0.35"
Certification marks			
Marking			CE
Approvals			SE
EMV-class			B

Note: country specific power cord must be ordered separately!

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

¹ at the output of SCHOTT fiber optic light guide, 1-arm, flexible, Ø 9 mm active, length 1000 mm

KL 1500 HAL



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

All specifications are subject to change without prior notice. This datasheet or any extracts thereof may only be used in other publications with express permission of SCHOTT. © SCHOTT AG

SCHOTT
glass made of ideas

DOMINIQUE DUTSHER SAS