KL 1500 HAL

Halogen light source
for fiber optics

48 %

Eco

0   100

KL 1500 HAL

SCHOTT

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Flagship in the SCHOTT KL halogen series

As the color rendering of white LED light sources is still limited for various life science and material applications, the KL 1500 HAL cold light source comes with the full 150 Watt halogen spectrum – offering you the best performance when it comes to color critical measurements. In addition you can benefit from a lot of improved features and enhanced parameters. With a 9 mm light guide the KL 1500 HAL is able to generate powerful 600 Lumen.

A supplementary optics ensures uniform, high intensity illumination even when using light guides with a small diameter. An ultra-low noise fan and an optimized airflow facilitate relaxed working conditions. The LCD display with various parameters enables comfortable operations control and reproducible results. The KL 1500 HAL is designed for a wide range of power supply (100-240 V; 50-60 Hz). It has been approved and certified as laboratory equipment by CSA (C / US) and is in compliance with the CE regulations.

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-moise 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

Ligh flux (Ø 9.0 mm/1000 mm P/N 115104)	(lm)	600
Light control		Electrical
Active light guide diameter	(mm)/(inch)	max. 9/max. 0.35"

Certification marks

Marking	CE
Approvals	CSA c us
EMV-class	B

Features

- Powerful 600 lm lightflux
- Supplementary swing-in optics
- Sensor interlock at the light guide socket
- Ultra-low noise fan
- LCD Display

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