

SCHOTT
glass made of ideas

KL 1500 HAL

Halogen light source
for fiber optics





KL 1500 HAL

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-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 |

Features

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

| 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 | |  |
| Approvals | |  |
| EMV-class | | B |

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