

OneLight Peak

ONELIGHT PEAK

ONELIGHT PEAK PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION

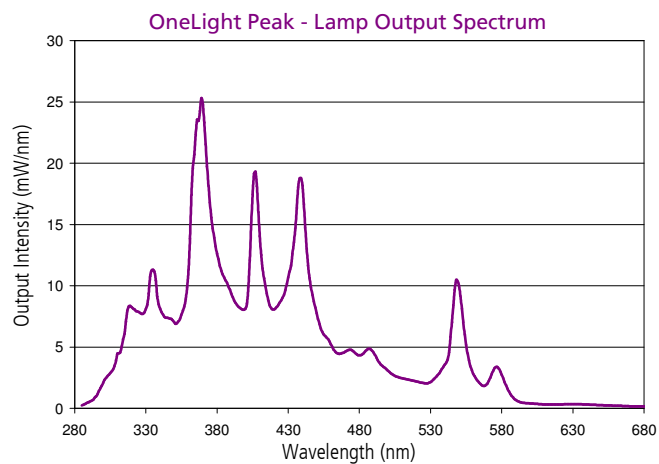
A PROVEN SOLUTION

MICROPROCESSOR CONTROL

A KNOWN SPECTRUM

The OSRAM 120 W UHP lamp used in the PEAK has been proven to provide consistent high-intensity output. Often referred to by other suppliers as a metal halide lamp, this is the most commonly used lamp in fluorescence microscopy and has an expected 2000-hour lifespan, so customers can benefit from long-term, reliable illumination.

The OneLight PEAK™ incorporates the most reliable and proven illumination technology in fluorescence biomedical, microscopy, and UV-curing applications, the ultrahigh pressure mercury lamp. This means fewer lamp replacements, which translates into savings of customers' time and money. OneLight has taken the most popular lamp system in fluorescence microscopy, mounted it in an easy to replace cartridge, and incorporated sophisticated control. The PEAK's lamp ignition and cool-down sequences are controlled through a microprocessor, and its output intensity is manually adjustable through an aperture control on the side panel. With all these features, the OneLight PEAK rivals or surpasses any other fluorescence illumination system on the market in quality, reliability, lamp lifetime and spectrum – but the PEAK's most attractive feature is its price! The PEAK is much more economical than comparable products – often half the price.



OPTIONS

Optional Hardware

Adapters available for most common microscopes

Light Guide Adapters

Accepts Lumatec type liquid light guides commonly used with many sources

PERFORMANCE

Output Intensity

Typical output from 3mm liquid light guide is 2200 mW

Spectral Range

Dependent on light guide and wavelength selected - see spectral graph

Intensity Control

Manual – 5 settings

Lamp Life

2000 hours

Warm-up Period

90 seconds

Electrical

100-240 V AC , 50/60 Hz 1.5A @120 VAC

Equipment Dimensions

26 cm x 20 cm x 27 cm (L x W x H)

Equipment Weight

2.5 kg (5.5 lbs)

Regulatory Compliance

CE Marked, Certified to IEC, Canadian and US Standards

Note- all specifications are believed to be accurate at time of printing, but specifications are subject to change as a result of design modifications or additional information

DISPOSAL

When disposing of spent lamps, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.

WARNING

This lamp emits ultraviolet (UV) radiation and operates at high internal pressure. **Before use** read the complete warning accompanying the product.

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CONTROL MADE SIMPLE