

Lumen 200/Lumen 200PRO

Fluorescence Illumination Systems

Features



The Prior Scientific Lumen 200 and Lumen 200PRO Illumination Systems are powerful, cost effective alternatives to standard 100 Watt mercury and halogen lamphouses. The combination of Prior's proprietary 2,000 hour life, 200 watt metal arc lamp, two or three meter liquid light guide and the optional integral motorized six position, 25mm diameter filter wheel and high speed motorized light attenuator provide unrivalled versatility and illumination power.

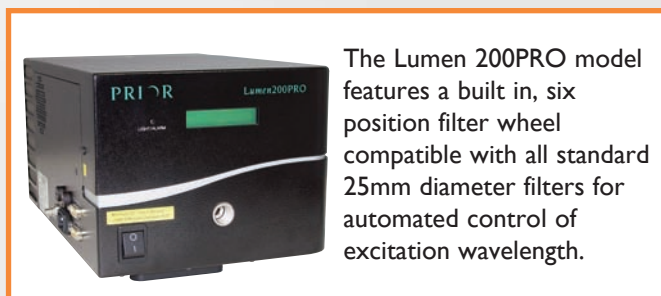
Designed to mount remotely via a two or three meter liquid light guide the Lumen 200 eliminates heat transfer to the microscope, minimizing thermal drift and aiding image stability in long term time lapse experiments.

Standard features of the Prior Scientific Lumen 200 and Lumen 200PRO include:

- Remote mounting with two or three meter light guide
- 2,000 hour life, 200 Watt metal arc lamp
- Stabilized DC power supply for consistent illumination
- Quiet operation suitable for laboratory use
- Easy to view display screen for bulb life indication and alarm description
- Knurled light guide clamping knob for secure light guide installation
- Adapters available for all modern research microscopes
- Six position adjustable aperture/intensity knob to protect samples from photobleaching
- Easy bulb replacement

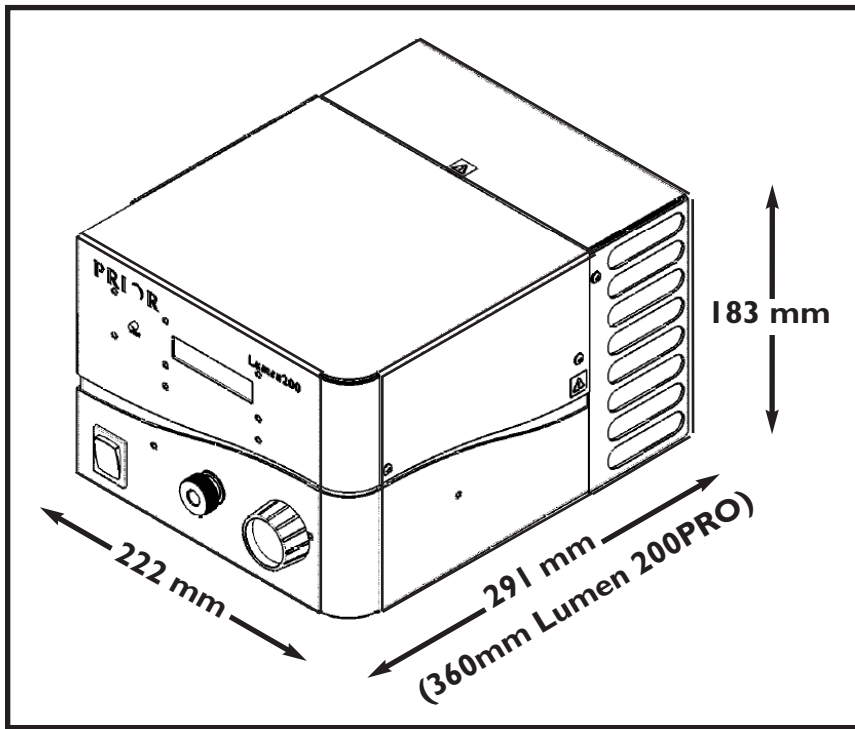
Lumen 200PRO Specific Features:

- Integral high speed motorized six position 25mm diameter filter wheel
- High speed motorized light attenuator, 0-100% in 1% increments
- Compatible with ProScan™II, OptiScan™II and Prior PCI II.



The Lumen 200PRO model features a built in, six position filter wheel compatible with all standard 25mm diameter filters for automated control of excitation wavelength.

Lumen 200 and Lumen 200PRO Dimensions



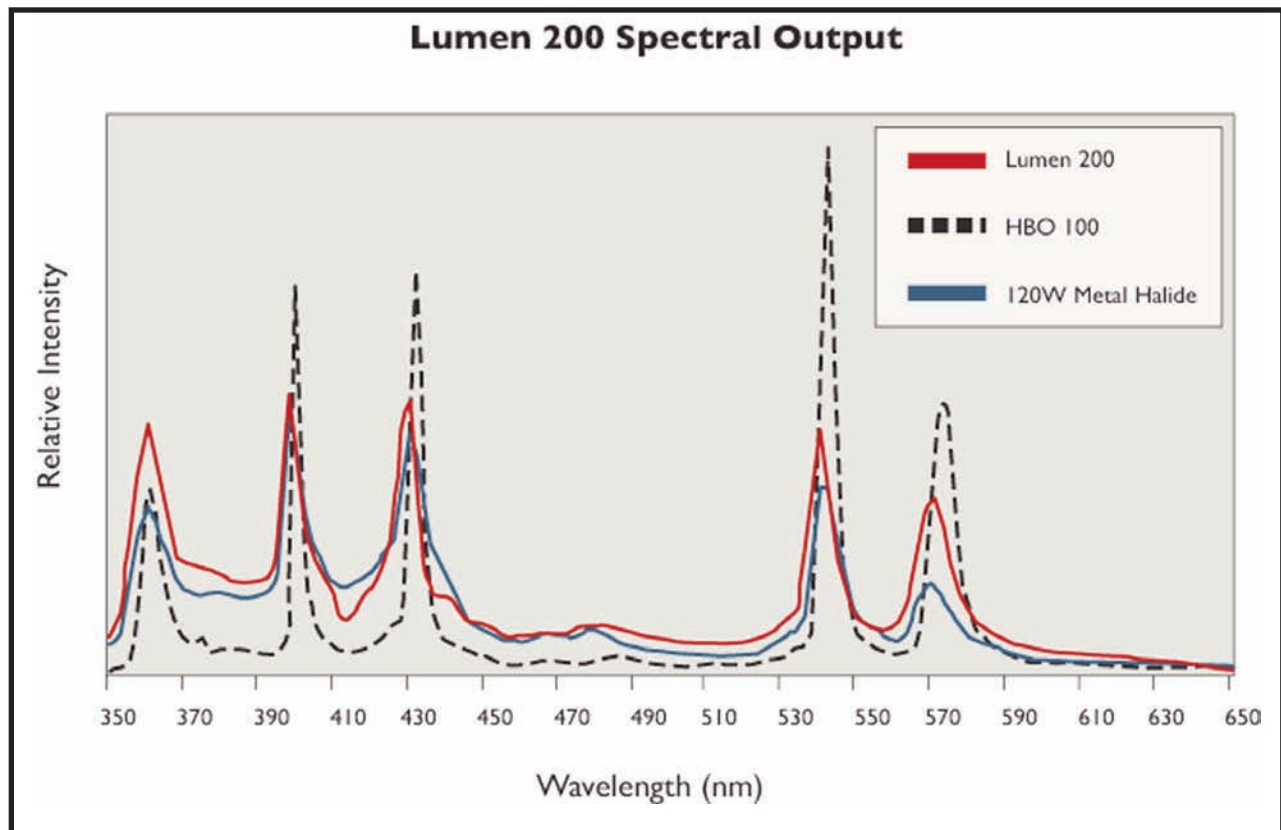
Lumen Part Numbers

Part #	Description
L200	Standard Lumen including lamp and power supply
L200PRO	Motorized Lumen with high speed light attenuator and six position motorized filter wheel, lamp and power supply
LM587	Two meter light guide
LMLG3MUS	Three meter light guide
LM200BI	Replacement bulb

Lumen Specifications

Voltage	100-240VAC
Current	2 Amps
Frequency	50-60 Hz
Ambient Operating Temperature	5-30 C
Weight	11 pounds (5kg)

Lumen 200 Spectrum



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Scientific

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