

HELIUM LIGHT SOURCE

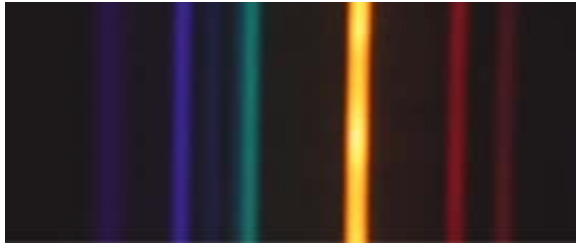
Built-In Lamp and Driver

(Free Space Light Source for Education)

PHOTONIK^{hv}

PHOTONIK SPECTRUM WORLD

Helium Atom Spectrum



Helium Spectrum Lines - Wavelengths (nm)

438.793	Blue-Violet	Weak
443.755	Deep Blue	Weak
447.148	Deep Blue	Strong
471.314	Blue	Medium
492.193	Blue-Green	Medium
501.567	Green	Strong
504.774	Green	Weak
587.562	Yellow	Strong
667.815	Red	Medium
706.512	Red	Weak

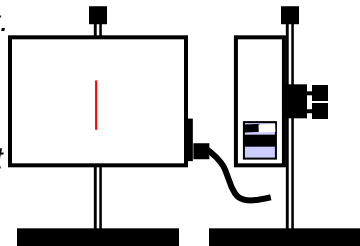
FEATURES

Compact design, light output with adjustable slit.
Post mounted with beam height adjustable.

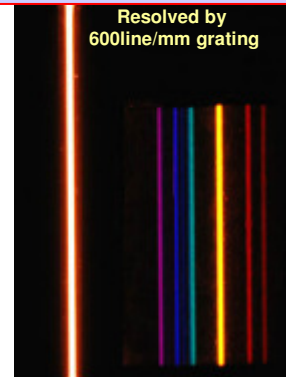
APPLICATIONS

Grating experiments on spectrum measurement
and wavelength calibration.

PHYSICAL REVIEW



Resolved by
600line/mm grating



General Specifications:

Rated Power:	30 W
Operation Current:	6.2mA typ.
Operation Voltage(DC):	5000V
Life Span of Spectrum Lamp(working with our driver):	400 hours
Physical Dimension:	165(L) x 145m(W) x 65mm(T)
Power Requirement:	220Vac, 50~60HzHz

Standard Set Package, including:

1. Metal grounded housing with one spectrum lamp built-in, high voltage driver integrated and 1m power cord (3-pin plug with fused) - 1 set
2. Spare spectrum lamp - 1piece

Warranty: 12 months standard for electronics. All products are guaranteed to be free from defects in materials and workmanship for a period of one year from date of purchase. Photonik reserves the right to repair or replace defective products at our option. This warranty does not apply to failure of the product due to misuse, abuse, accident, or neglect. Our liability is limited to the price of the part or service we are providing. Spectrum lamps are under 400hrs warranty when working with our own driver module.

Photonik reserves the rights to change product designs and specifications at any time without notice.

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