

RS-10D Uniform Light Source



Gamma Scientific's **RS-10D uniform light source** is a precision source of radiant flux, used primarily to calibrate light measuring instrumentation and as stimuli to measure detection devices.

To maintain almost constant radiant flux output, tungsten halogen lamps are used exclusively. To power the sources, ultra-stable constant-current supplies utilize precision shunt current measurement and comparison circuits built into the source housing.

When used with its RS-70-X accessories, the RS-10D light source can be an absolute reference for producing standard outputs in luminance units of footlamberts, lamberts, candelas/m2, horizontal candlepower (candelas), and spectral radiance units of microwatts/cm2 *nm *steradian or illuminance units of lumens, footcandles, lumens/m2 (lux), and spectral irradiance units of microwatts/(cm2 * nm) or Watts/(m2 * nm) at a given distance.

FEATURES

- NIST-traceable
- 200-hour calibration/l year with built-in timer showing elapsed time
- Calibrates spectroradiometers, radiometers, photometers and detector responsivity
- Measures reflectance and transmittance
- Tungsten halogen lamps for stable output
- Calibration reports in units of luminance, radiance, illuminance and irradiance



To view the complete line of test and measurement solutions from Gamma Scientific, visit www.Gamma-Sci.com.

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rations for the most chal-

erates a NVLAP accredited

laboratory that performs

tification and is ISO 17025

compliant. NVLAP Lab

Code 200823-0

ENERGY STAR® lighting cer-

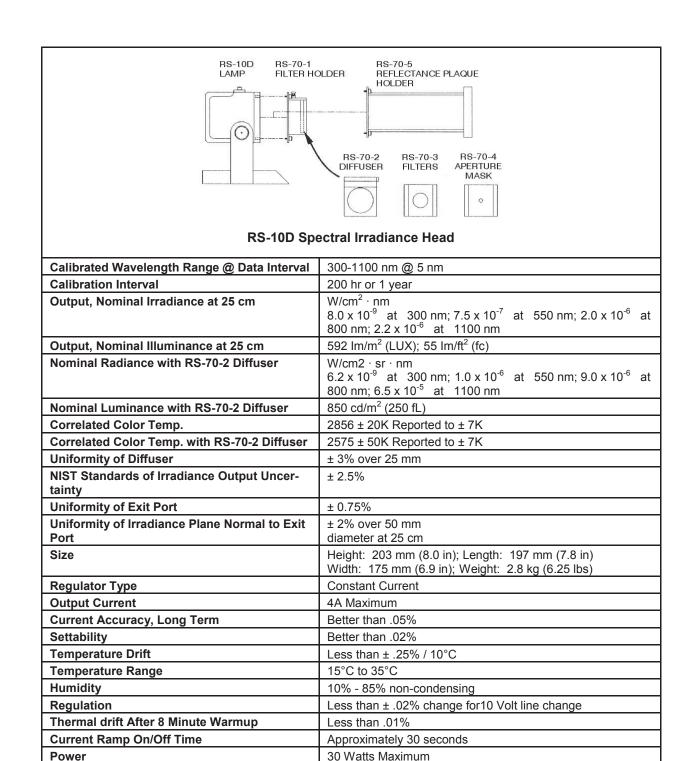
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Gamma Scientific 9925 Carroll Canyon Road San Diego, CA 92131 858-279-8034 contact@gamma-sci.com www.gamma-sci.com





RS-10D Uniform Light Source Specifications



100-240VAC, 50-60 Hz

Line Voltage