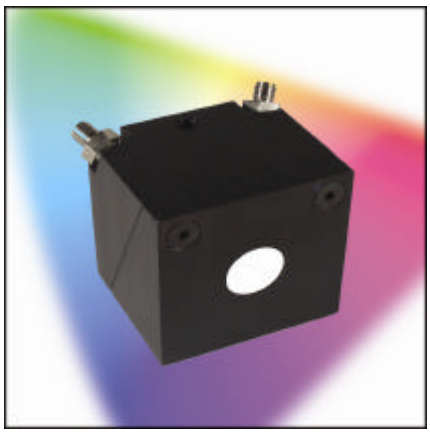
Low Cost Integrating Spheres

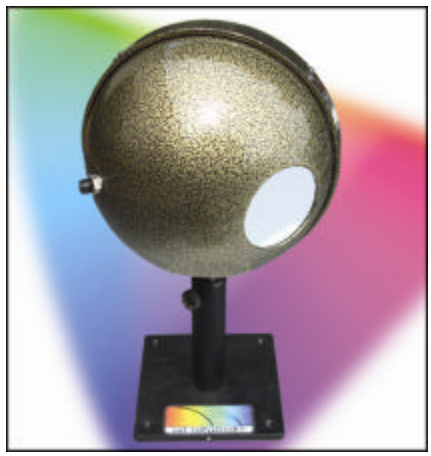
StellarSpheres are spectroradiometrically calibrated integrating spheres, designed specifically for low cost measurement of light (LEDs/Solar/UV-VIS-NIR). StellarNet integrating spheres are combined with miniature spectrometers to provide absolute intensity measurements that are NIST traceable. Measurements include **Radiant/Luminous Flux (Watts/Lumens), also Watts/m^2 and Lumens/m^2, 1931 xy-chromaticity (color) Correlated Color Temperature (CCT), Color Rendering Index (CRI), Dominant Wavelength, Purity** and much more! Applications include LED characterization over time/temperature for industrial lighting design R&D - QA/QC, development of products for Solar cells, Laser, grow Lamps, Neon, any type of light emission!



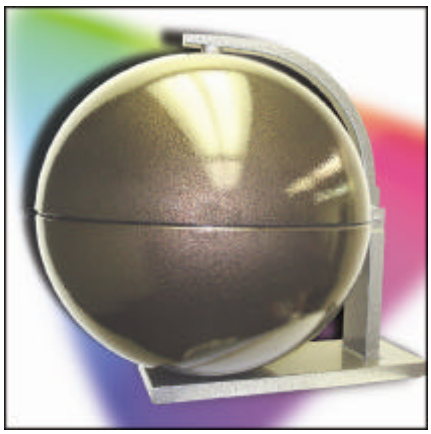
The **StellarSphere IC2** is a 2” cube with internal integrating sphere. It has a 5/8” input port, internal reflective coating, and SMA fiber optic output. The additional SMA input can be used for reflectance illumination.

Technical Specifications	IC2
Weight	0.45 pounds
Sphere diameter	2 inches
Field of View	180^o
Wavelength Range	200-1700nm

The **StellarSphere IS6** is a 6” diameter integrating sphere with a 2” input port, internal reflective coating, baffle system, and SMA fiber optic output. Great for high intensity light level applications, LED arrays and much more.



Technical Specifications	IS6
Weight	1.5 pounds
Sphere diameter	6 inches
Field of View	180^o
Wavelength Range	200-1700nm



The **StellarSphere IS12** is a 12” integrating sphere that opens to allows for simple internal mounting of devices for light measurement such as discrete LEDs, arrays, and more. A tungsten halogen bulb and data file are included for system calibration using the SpectraWiz® radiometer software.

Technical Specifications	IS12
Weight	5 pounds
Sphere diameter	12 inches
Wavelength Range	300-1100nm

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