Integrating Spheres for Radiometry & Reflectance

- **Collects light** with a 180° field of view
- **Flexibility-** Integrating Spheres can be used to collect light (emissions) or as a reflectance accessory
- **Irradiance Calibrations** can be performed by StellarNet using NIST traceable lamps (IRRAD-CAL) or by the customer using a similar lamp and SpectraWiz software.
- **Applications:** light source characterization of spectral intensity distribution, color temperature, xy chromaticity, dominant wavelength (and more), for LED, laser, solar, industrial lighting, and any type of light emission.

- **Integrating Spheres** are used to measure light emissions including radiant or luminous flux or light reflectance from sample surfaces.
- **The IC2** is a 2" cube with internal integrating sphere. It has 5/8" input port and SMA fiber optic output. Another SMA input can be used for reflectance illumination.
- **The IS4 and IS6** are 4" & 6" spheres with 1.5 and 2.5" input ports respectively, with 1 SMA fiber optic output and internal Spectralon coating.
- **The TP1** simplifies measurements by allowing the spheres to be mounted on a 3 legged tripod. This makes alignment and consistency easy.

Fiber Optic Integrating Spheres and Accessories

Item	Description	Price
IC2	Integrating sphere, 5/8" input port	$495
IS4	Integrating sphere, 1.5" input port	$2395
IS6	Integrating sphere, 2.5" input port	$2495
TP1	Tripod stand for sphere attachment	$49

Sphere Specifications			
	IC2	**IS4**	**IS6**
Weight	0.45 pounds (204g)	1.5 pounds (680g)	2.0 pounds (910g)
Sphere diameter	2 inches	4 inches	6 inches
Field of View	180°	180°	180 °