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Calibration Reflectance Standard, White

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General

Model Number:
WS-1

Note:
Housing material is Aluminum and has a 38mm diameter

Physical & Mechanical Properties

Weight (g):
30

Optical Properties

Spectral Range:

200-2000 nm

Material Properties

Reflective Material:

PTFE

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 250:

Compliant

Product Details

- Measure Total Irradiance or Reflectance with Models Optimized for Emission Sources or Surface Illumination
- Ideal for UV–NIR Applications in Materials Testing, LEDs, Lasers, and More
- White Reflectance Standard Provides Stable, Repeatable Reference Measurements
- Compatible with Ocean Optics Spectrometers and Accessories

Ocean Optics integrating spheres provide flexible, accurate solutions for measuring light output or surface reflectance across a wide spectral range. Whether you need 360° field-of-view irradiance collection, uniform surface illumination for reflectance measurements, or a stable reference for calibration, these integrating spheres ensure consistent, reliable results. The White reflectance standard (**#90-586**) complements the spheres by providing a dependable calibration reference for diffuse reflectance measurements. Ocean Optics Integrating Spheres are well-suited for UV-NIR applications, including material testing, LED analysis, and laser measurements.

Selection Guide:

FOIS-1 (#90-588): Best for **irradiance measurements** and light emission sources; features a 360° field of view for collecting light from LEDs, lasers, and other broad light fields.

ISP-REF (#90-587): Best for **surface reflectance measurements**; provides even surface illumination and integrates a transfer optic and built-in light source for easy measurement of color or reflectivity on opaque or directional samples.

WS-1 (#90-586): Use alongside your integrating sphere for reliable white reference measurements when calibrating for diffuse reflectance.

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