

Calibration Reflectance Standard, White

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Price inclusive of all taxes

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General

WS-1 **Model Number:**

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

Physical & Mechanical Properties

30

Weight (g):

Optical Properties

200-2000 nm

Spectral Range:

Material Properties

PTFE

Reflective Material:

Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Compliant](#)

Reach 250:

United States

Country of Origin:

Imported By:
Edmund Optics India Private Limited
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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.