

# Calibration Reflectance Standard, White

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− 1 + €469<sup>00</sup>

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## Volume Pricing

Qty 1+	€469,00 each
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## Product Downloads

## General

WS-1 **Model Number:**

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

## Physical & Mechanical Properties

## Optical Properties

200-2000 nm

Spectral Range:

## Material Properties

PTFE

Reflective Material:

## Regulatory Compliance

Compliant

RoHS 2015:

[View](#)

Certificate of Conformance:

Compliant

Reach 250:

## 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.