

[See all 25 Products in Family](#)

## 40mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#70-258** **20+ In Stock**

⊖ 1 ⊕ **\$75<sup>00</sup>**

**ADD TO CART**

### Volume Pricing

Qty 1-10	<b>\$75.60</b> each
Qty 11-49	<b>\$60.55</b> each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Opal Diffuser **Type:**

#### Physical & Mechanical Properties

40.00 ±0.50 **Diameter (mm):**

120 **Grit:**

**Thickness (mm):**

1.75 ±0.10

## Optical Properties

Uncoated **Coating:**

White Diffusing Glass **Substrate:**

400 - 1100 **Wavelength Range (nm):**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Surface Treated Semi-Opaque White Glass
- Two Mechanisms of Scatter
- Excellent Scattering into the NIR

Broadband Hybrid Diffusers are semi-opaque diffusers designed to scatter efficiently from the UV to the NIR. Featuring surfaces sandblasted with 120-grit and a 1.75mm thick scattering medium, these diffusers uniquely offer two mechanisms of scatter. Each scatter mechanism has its own wavelength dependency, and when combined on a single optic, produce a diffuser that scatters across a wide spectral region. Broadband Hybrid Diffusers are ideal for applications that require high scatter for even illumination and can be used as view screens.