

# 100mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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€89.<sup>50</sup>

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## Product Downloads

### General

Opal Diffuser **Type:**

### Physical & Mechanical Properties

100.00 ±0.5 **Diameter (mm):**

120 **Grit:**

1.75 ±0.1      **Thickness (mm):**

## Optical Properties

Uncoated      **Coating:**

White Diffusing Glass      **Substrate:**

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

## Regulatory Compliance

[Compliant](#)      **RoHS 2015:**

[Compliant](#)      **Reach 211:**

[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.

## Compatible Mounts