

## 40mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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⊖ 1 ⊕ £43<sup>20</sup>

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### Product Downloads

#### General

Opal Diffuser **Type:**

#### Physical & Mechanical Properties

40.00 ±0.50 **Diameter (mm):**

120 **Grit:**

1.75 ±0.10

Thickness (mm):

## 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.