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## 12.5 x 12.5mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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### Product Downloads

#### General

Opal Diffuser **Type:**

#### Physical & Mechanical Properties

12.50 x 12.50 ±0.3 **Dimensions (mm):**

120 **Grit:**

1.75 ±0.1      **Thickness (mm):**

12.50      **Width (mm):**

12.50      **Length (mm):**

## Optical Properties

Uncoated      **Coating:**

White Diffusing Glass      **Substrate:**

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

## Regulatory Compliance

[Compliant](#)      **RoHS 2015:**

[Compliant](#)      **Reach 211:**

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## 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

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