

50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#36-615** **12 In Stock**

⊖ 1 ⊕ C\$79⁰⁰

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Volume Pricing	
Qty 1-10	C\$79.80 each
Qty 11-49	C\$63.35 each
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General

Opal Diffuser **Type:**

Physical & Mechanical Properties

50.00 x 50.00 ±0.3 **Dimensions (mm):**

120 **Grit:**

Thickness (mm):

1.75 ±0.1

Width (mm):

50.00

Length (mm):

50.00

Optical Properties

Coating:

Uncoated

Substrate:

White Diffusing Glass

Wavelength Range (nm):

400 - 1100

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Reach 211:

[Compliant](#)

Certificate of Conformance:

[View](#)

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