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50mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock #36-614 **20+ In Stock**

⊖ 1 ⊕ A\$91²⁰

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Qty 1-10	A\$91.20 each
Qty 11-49	A\$72.40 each
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General

Opal Diffuser **Type:**

Physical & Mechanical Properties

50.00 ±0.5 **Diameter (mm):**

120 **Grit:**

Thickness (mm):

1.75 ±0.1

Optical Properties

Uncoated	Coating:
White Diffusing Glass	Substrate: <input type="checkbox"/>
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