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50mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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

1 £45⁰⁰

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Volume Pricing

Qty 1-10	£45.60 each
Qty 11-49	£36.20 each
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General

Opal Diffuser **Type:**

Physical & Mechanical Properties

50.00 ±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