

50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock #36-615 **14 In Stock**

£45⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-10	£45.60 each
Qty 11-49	£36.20 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Opal Diffuser **Type:**

Physical & Mechanical Properties

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

120 **Grit:**

1.75 ±0.1 **Thickness (mm):**

50.00 **Width (mm):**

50.00 **Length (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

;