

50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#36-615** 20+ In Stock

-

1

+

A\$91²⁰

ADD TO CART

Volume Pricing	
Qty 1-10	A\$91.20 each
Qty 11-49	A\$72.40 each
Need More?	Request Quote

Product Downloads

General

Opal Diffuser

Type:

Physical & Mechanical Properties

50.00 x 50.00 ±0.3

Dimensions (mm):

120

Grit:

Thickness (mm):

1.75 ±0.1	
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