

12.5mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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S\$56³⁵

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General

Opal Diffuser

Type:

Physical & Mechanical Properties

12.50 ±0.5

Diameter (mm):

120

Grit:

Thickness (mm):

1.75 ±0.1	
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