

50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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1

+

£45^{.53}

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SPECIFICATIONS

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