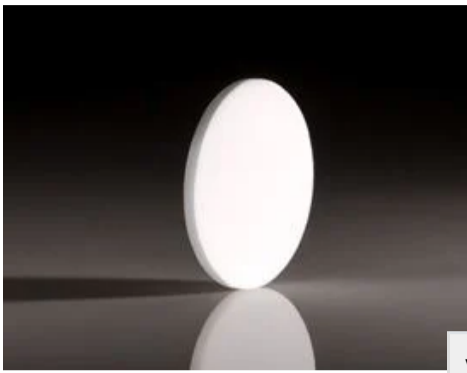


12.5 x 12.5mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock #36-611 **5 In Stock**

1

C\$56^{.35}

ADD TO CART

Volume Pricing	
Qty 1-10	C\$56.35 each
Qty 11-49	C\$45.15 each
Need More?	Request Quote

Product Downloads	
STEP:step	Curve:pdf
PDF Drawing:pdf	IGES:igs
Spec Sheets:pdf	
eDrawing:eprt	
EO Spec Sheet	Download All

General

Type: Opal Diffuser

Physical & Mechanical Properties

Dimensions (mm): 12.50 x 12.50 ±0.3

Grit: 120

Thickness (mm): 1.75 ±0.1

Width (mm): 12.50

Length (mm): 12.50

Optical Properties

Coating: Uncoated

Substrate: White Diffusing Glass

Wavelength Range (nm): 400 - 1100

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 211: **Compliant**

Certificate of Conformance: [View](#)

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.

Related Products



Bar-Type Holders



Fixed Filter Mounts

Frequently Purchased Together



#34-472 - 12.5 x 12.5mm White Diffusing Glass
C\$42.35

Qty



#34-476 - 50 x 50mm White Diffusing Glass
C\$63.35

Qty



#35-040 - 12mm Dia. x 10.5mm FL, MgF₂ Molded Aspheric Condenser Lens
C\$66.85

Qty



#34-471 - 12.5mm Dia. White Diffusing Glass
C\$42.35

Qty

Compatible Mounts

	Title	Type	Compare	Stock Number	Price	Buy
	12.5/12.7mm Sq. Kinematic Mount, 2 Screws	Adjustable - Tip-Tilt		#58-856	C\$123.90 Request Quote	11 In Stock <input type="text" value="1"/>
	12.5/12.7mm Sq. Kinematic Mount, 3 Screws	Adjustable - Tip-Tilt		#58-859	C\$145.60 Request Quote	12 In Stock <input type="text" value="1"/>
	25mm sq - Rectangular Bar Clamp	Fixed		#54-994	C\$151.20 Request Quote	8 In Stock <input type="text" value="1"/>
	60mm sq - Rectangular Bar Clamp	Fixed		#54-995	C\$176.40 Request Quote	20+ In Stock <input type="text" value="1"/>

Check out our full selection of mounts [here](#).

Resources

Media Type

- Application Note
- FAQ

APPLICATION NOTE

Understanding White Diffusing Glass

APPLICATION NOTE

Diffuser Selection Guide

FAQ

What is the difference between around allass...

Glossary

Video

? FAQ

Why do you list a range of thickness values for...

? FAQ

When should I consider using a holographic diffuser?

? FAQ

How should I clean my holographic diffusers?

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