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150 x 150mm 120



1

€73^{.50}

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Qty 1-10	€73,50 each
Qty 11+	€66,50 each
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Prices shown are exclusive of VAT/local taxes

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

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Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- Spec Sheets:pdf
- eDrawing:eprt
- EO Spec Sheet
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General

Type: Ground Glass Diffuser	Note: Sandblasted on first surface
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Physical & Mechanical Properties

Dimensional Tolerance (mm): ±0.25	Dimensions (mm): 150.00 x 150.00
Edges: Cut	Grit: 120
Thickness (mm): 1.60	Width (mm): 150.00
Length (mm): 150.00	

Optical Properties

Coating: Uncoated	Substrate: Float Glass
Wavelength Range (nm): 350 - 2000	

Regulatory Compliance

RoHS 2015: Compliant	Certificate of Conformance: View
Reach 247: Compliant	

Product Details

- Available in Sizes Ranging from 5mm Diameter to 250mm Square
- Low Scatter Loss
- Evenly Ground Surface for Even Diffusion
- **Fused Silica Substrates** Available

Ground Glass Diffusers are comprised of high tolerance, quality ground glass making them ideal for a variety of industrial applications. The float glass substrate has excellent visible transmission and is ideal for general diffusing applications. A 120-grit, 220-grit or 600-grit (as noted) sandblast is used to create a diffuse surface on the glass. Ground Glass Diffusers

have even diffusion across the entire surface from undergoing two orthogonal passes during this sandblast process. The scattering is a compromise of low scatter loss and medium diffusion. Typical applications include use in screens, illuminator diffusion, and targets.

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REQUIRED SPECIFICATIONS
HERE:

Type

Substrate

Thickness (mm)

Shape ?

Diameter (mm) ?

Length (mm) ?

Width (mm) ?

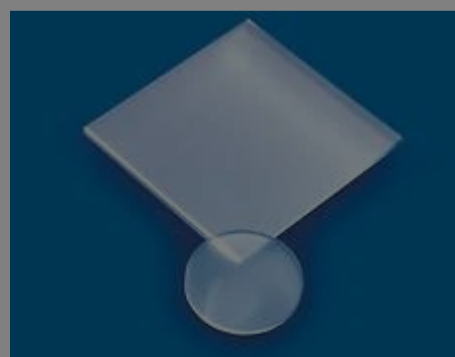
Quantity ?

GET PRICING

TYPICAL 4-6 WEEK DELIVERY. DELIVERY
DATE TO BE CONFIRMED AT TIME OF
ORDER.

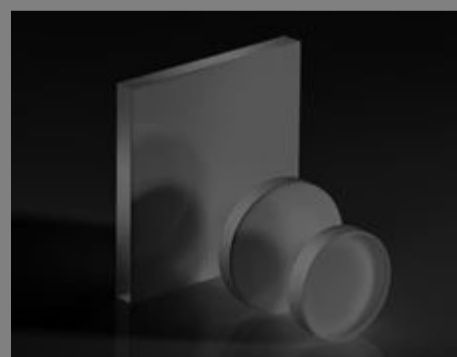
OTHER SUBSTRATES, DIMENSIONS AND
THICKNESSES OUTSIDE OF THOSE SHOWN
HERE ARE ALSO AVAILABLE. IF YOU ARE
INTERESTED IN A PRODUCT OUTSIDE OF
THE SPECIFICATIONS SHOWN IN THIS
TABLE, PLEASE [CONTACT US](#) TO DISCUSS
MANUFACTURING FEASIBILITY.

Frequently Purchased Together



#02-146 - 127 x 178mm
Sandblasted Glass
€55,00

Qty



#02-149 - 100 x 125mm Opal
Diffusing Glass
€241,00

Qty



#03-666 - 8.0 - 118.0 Optic Height,
English Bar-Type Optic Holder
€120,00

Qty





#27-501 - 100mm Dia x 200mm
Focal Length, PCX Condenser Lens
€126,00

Qty



Compatible Mounts

	Title		Buy
 MORE+	80mm Sq., Fixed Filter Holder	<p>Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.</p> <p>Select Your Country/Region:</p>	5 In Stock <input type="text" value="1"/> 

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

Resources

Media Type

- Application Note
- FAQ
- Glossary
- Video

APPLICATION NOTE

Understanding
White Diffusing
Glass

APPLICATION NOTE

Diffuser
Selection
Guide

FAQ

What is the
difference
between
around alass...

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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