

## 12.5 x 12.5mm 120 Grit Ground Glass Diffuser



Stock **#83-084** 20+ In Stock

-

1

+

S\$30<sup>-10</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | S\$30.10 each                 |
| Qty 11+        | S\$25.55 each                 |
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Product Downloads

| General                          |                             |
|----------------------------------|-----------------------------|
| Ground Glass Diffuser            | Type:                       |
| Sandblasted on first surface     | Note:                       |
| Physical & Mechanical Properties |                             |
| ±0.25                            | Dimensional Tolerance (mm): |
| 12.50 x 12.50                    | Dimensions (mm):            |

|     |                                |
|-----|--------------------------------|
|     | Edges:                         |
| Cut |                                |
|     | Grit: <input type="checkbox"/> |
| 120 |                                |

|       |                 |
|-------|-----------------|
|       | Thickness (mm): |
| 1.60  |                 |
|       | Width (mm):     |
| 12.50 |                 |

|       |              |
|-------|--------------|
|       | Length (mm): |
| 12.50 |              |

Optical Properties

|             |                                     |
|-------------|-------------------------------------|
|             | Coating:                            |
| Uncoated    |                                     |
|             | Substrate: <input type="checkbox"/> |
| Float Glass |                                     |

|            |                        |
|------------|------------------------|
|            | Wavelength Range (nm): |
| 350 - 2000 |                        |

Regulatory Compliance

|                           |                             |
|---------------------------|-----------------------------|
|                           | RoHS 2015:                  |
| <a href="#">Compliant</a> |                             |
|                           | Certificate of Conformance: |
| <a href="#">View</a>      |                             |

|                           |            |
|---------------------------|------------|
|                           | Reach 247: |
| <a href="#">Compliant</a> |            |

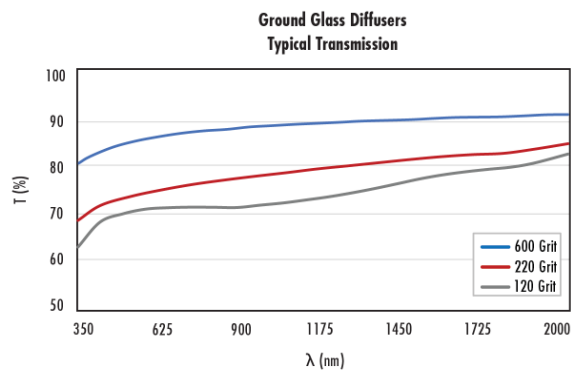
Product Details

- 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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Technical Information



Quote Your Size

Compatible Mounts