

# 50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#36-615** 14 In Stock

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+

S\$79<sup>80</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | <b>S\$79.80</b> each          |
| Qty 11-49      | <b>S\$63.35</b> each          |
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Product Downloads

General

Opal Diffuser

Type:

Physical & Mechanical Properties

50.00 x 50.00 ±0.3

Dimensions (mm):

120

Grit:

Thickness (mm):

|                       |                                     |
|-----------------------|-------------------------------------|
| 1.75 ±0.1             |                                     |
| 50.00                 | Width (mm):                         |
| 50.00                 | Length (mm):                        |
| Optical Properties    |                                     |
| Uncoated              | Coating:                            |
| White Diffusing Glass | Substrate: <input type="checkbox"/> |
| 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