

[See all 25 Products in Family](#)

## 50 x 50mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

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

⊖ 1 ⊕ **S\$79<sup>00</sup>**

**ADD TO CART**

### Volume Pricing

Qty 1-10	<b>S\$79.80</b> each
Qty 11-49	<b>S\$63.35</b> each
Need More?	<a href="#">Request Quote</a>

### 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

**Width (mm):**

50.00

**Length (mm):**

50.00

## 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.

## Compatible Mounts