

## 40 x 40mm Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#70-260** **20+ In Stock**

1  £43<sup>20</sup>

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### Volume Pricing

Qty 1-10	£43.20 each
Qty 11-49	£34.60 each
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**!** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Opal Diffuser **Type:**

#### Physical & Mechanical Properties

40.00 x 40.00 ±0.25 **Dimensions (mm):**

120 **Grit:**

1.75 ±0.10 **Thickness (mm):**

40.00 **Width (mm):**

40.00 **Length (mm):**

## Optical Properties

Uncoated **Coating:**

White Diffusing Glass **Substrate:**

400 - 1100 **Wavelength Range (nm):**

## Regulatory Compliance

[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.