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# 5mm Dia. Broadband Hybrid Diffuser



Broadband Hybrid Diffusers

Stock **#36-603** [CONTACT US](#)

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+

**£32**<sup>20</sup>

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| Volume Pricing |                               |
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| Qty 1-10       | <b>£32.20</b> each            |
| Qty 11-49      | <b>£25.80</b> each            |
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**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General                          |                   |
|----------------------------------|-------------------|
| Opal Diffuser                    | Type:             |
| Physical & Mechanical Properties |                   |
| 5.00 ±0.5                        | Diameter (mm):    |
| 120                              | Grit: <div></div> |

|                       |                                     |
|-----------------------|-------------------------------------|
| 1.75 ±0.1             | Thickness (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