

Spherical Lenses

Cylindrical Lenses

Lens Kits

Achromatic Doublets

Multi-Element

Micro Optics

Mirrors

Prisms

Substrates &amp; Windows

Beamsplitters

Polarizers

Filter &amp; Apertures

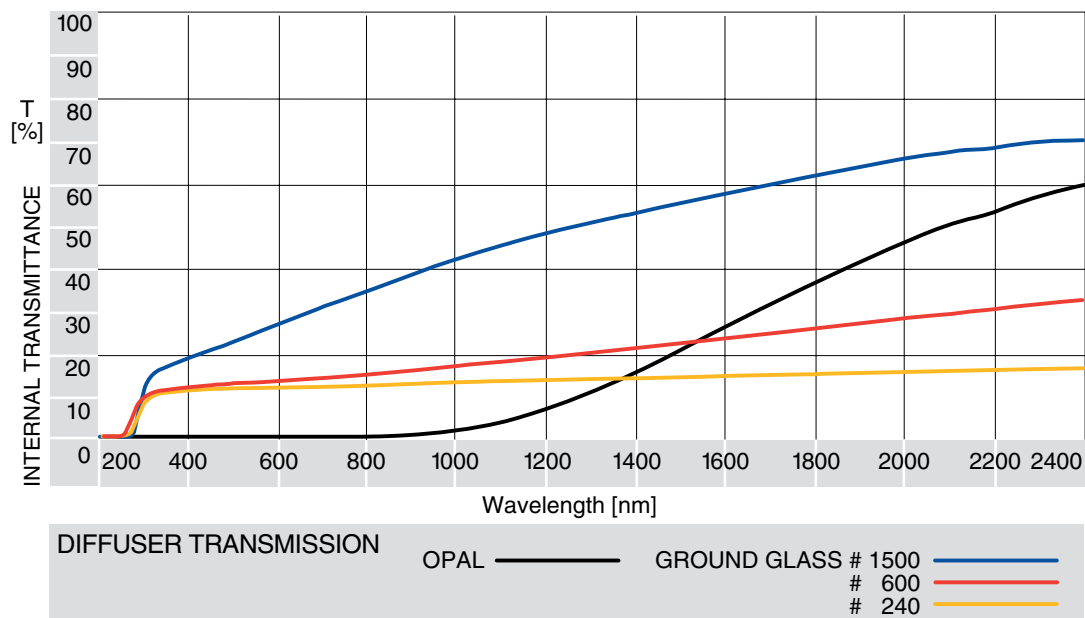
## Diffusers

- Ground Glass available in three grades of diffusion for all applications
- Surfaces are ground from the polished state for high uniformity
- Opal glass diffusers provide nearly complete diffusion for demanding applications
- Available in two popular diameters: 30mm and 50mm



Two types of diffuser are offered: ground glass and opal glass.

Ground glass is acceptable for most applications. Six grades of grind are offered representing fine, medium, and coarse scattering surfaces. A finer grind provides a higher transmittance. Opal glass provides excellent diffusion at the expense of a very high loss factor. The rear surfaces of all our diffusers are polished.



## Specifications & Tolerances

Diameter:  
+0, -0.2mm  
 Thickness: ±0.2mm  
 Rear surface:  
Flat to 4λ  
 Parallelism: 5arcmin

Transmission:  
see graph

## Diffusers

G L A S S

S I L I C A

Type	Diameter (mm)	Grade	Thickness (mm)	Price	PART NUMBER	Price	PART NUMBER
Ground glass	30	240	2.00		099-0110		099-0161
Ground glass	30	400	2.00		099-0115		099-0162
Ground glass	30	600	2.00		099-0120		099-0163
Ground glass	30	800	2.00		099-0123		099-0164
Ground glass	30	1000	2.00		099-0125		099-0165
Ground glass	30	1500	2.00		099-0130		099-0166
Ground glass	50	240	2.00		099-0140		099-0167
Ground glass	50	400	2.00		099-0145		099-0168
Ground glass	50	600	2.00		099-0150		099-0169
Ground glass	50	800	2.00		099-0153		099-0185
Ground glass	50	1000	2.00		099-0155		099-0186
Ground glass	50	1500	2.00		099-0160		099-0187
Opal glass	30	-	2.50		099-0170		-
Opal glass	50	-	2.50		099-0180		-

ORDERING  
&  
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