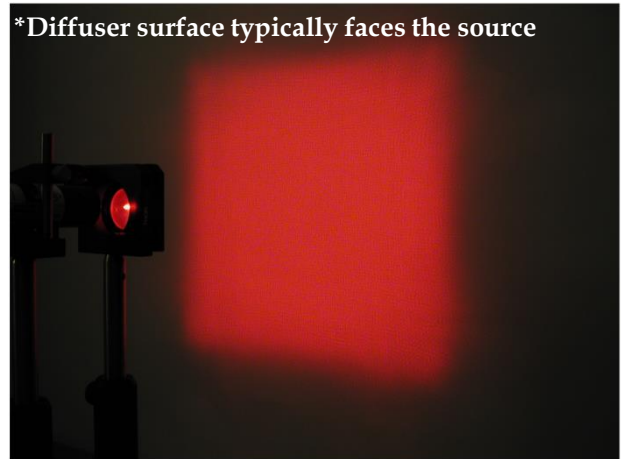
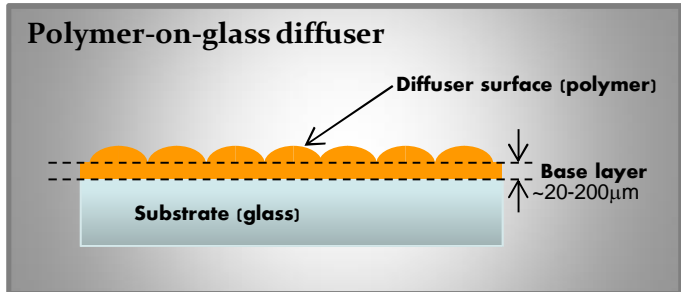


Engineered Diffusers™

EDS-4-07165

| Scatter Properties    |                     |
|-----------------------|---------------------|
| Model                 | EDS-4-07165-A       |
| Shape                 | Square              |
| Divergence angle      | 4.2°                |
| Physical Properties   |                     |
| Material              | Polymer-on-glass    |
| Index of refraction   | 1.56 @ 633nm        |
| Clear aperture        | Center 95%          |
| Transmission spectrum | 400-2000nm          |
| Temperature range     | -50°C to 120°C      |
| Damage threshold      | 20J/cm <sup>2</sup> |



**Notes**

1. Divergence angle measured with collimated laser, 633nm. Actual angles may vary depending on wavelength or degrees of collimation.
2. Increasing beam size typically improves uniformity.
3. When used with coherent sources the diffuser produces speckle.
4. Handling and cleaning:  
  - Avoid touching diffuser surface
  - To clean just blow dry compressed air
5. Temperature range and damage threshold reflect manufacturer's recommendations and specific testing conditions and are for informational purposes only. Your specific operating conditions may be distinct depending on other system and environmental variables.
6. Please call for pricing, availability and delivery.
7. VISA and MasterCard accepted.

