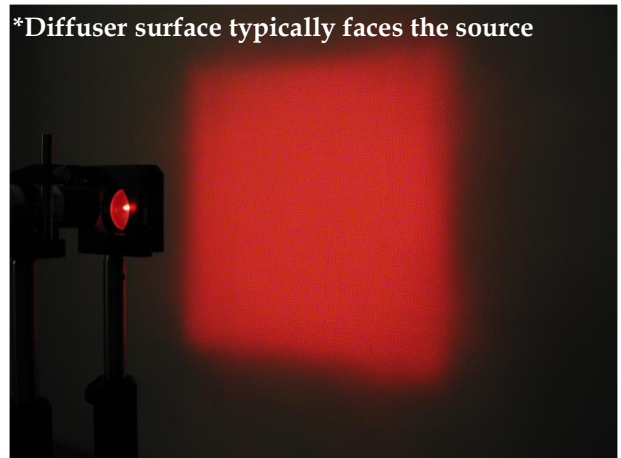
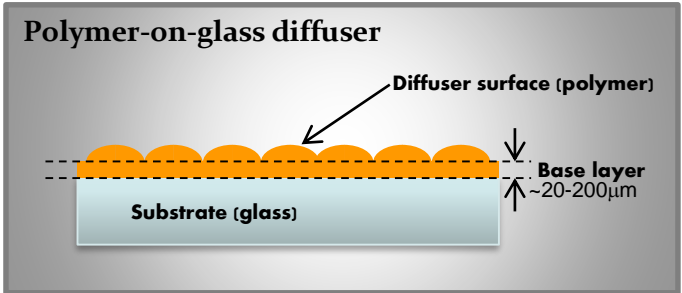


Engineered Diffusers™

EDS-50-15066

Scatter Properties	
Model	EDS-50-15066-A
Shape	Square
Divergence angle (±5%)	47.5° @ 50% 42.0° @ 90%
Typ. tolerance	±5%
Physical Properties	
Material	Polymer-on-glass
Pattern size	229mm x 229mm
Clear aperture	Center 95% (typ.)
Index of refraction	1.56 @ 633nm
Transmission spectrum	400-2000nm
Temperature range	-50°C to 120°C
Damage threshold	20J/cm ²



- Notes**
- Divergence angles measured with collimated laser in the far-field, 633nm. Actual angles may vary depending on wavelength or degrees of collimation.
 - Increasing beam size typically improves uniformity.
 - When used with coherent sources the diffuser produces speckle.
 - 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.
 - Please call for pricing, availability and delivery.
 - Handling and cleaning:
 Avoid touching diffuser surface
 Use gloves when handling diffuser
 To clean just blow dry compressed air

