

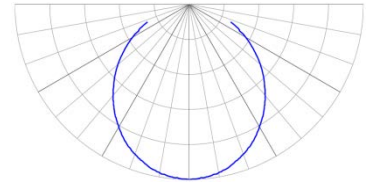
# Volumetric Diffuser

Bright View High Performance Diffusers



## V-Series

V-HE Series diffusers provide even illumination and good lamp hiding with excellent efficiency. V-Series diffusers can be used in fluorescent and LED applications when greater hiding and wider light distributions are desired relative to that of the Bright View C-Series diffusers. They are specifically designed to meet the requirements of fluorescent general lighting, including resistance to yellowing, cracking, or embrittlement under ultraviolet (UV) exposure. They are available in continuous, seamless rolls up to 52 inch (1330 mm) width.



Samples can be requested online at [www.brightviewtech.com](http://www.brightviewtech.com).

	Thickness	Distance to achieve complete LED hiding <i>(Distance between lamps : Working distance to diffuser)</i>	Typical angle in a 90° downlight <sup>1</sup> <i>(FWHM: full width half max)</i>	Efficiency in typical LED luminaire <sup>2</sup>	Comments
V-H080-PP	.0075 in 0.19 mm	1 : 0.9	100°	87-96 %	Very high hiding, high efficiency
V-S110-PM	.0055 in 0.14 mm	1 : 0.75	110°	75 - 85 %	Highest possible hiding, white opalescent

### Availability

- Continuous (seamless) rolls up to 52 inch (1330 mm) width
- Cut parts in any size and volume



### Usage Notes:

- V-Series diffusers are symmetric; either side can face toward the light source
- Care should be taken not to kink the diffuser as surface blemishes can appear
- Bright View applications engineers can assist with product choices and help your design achieve peak performance

1. Angles are for reference only, and will vary greatly depending on luminaire design
2. Efficiencies are typical and vary greatly depending on luminaire design. Bright View tests include: commercial 4-inch LED downlight module, linear LED fluorescent tube-replacement, 2'x2' LED troffer with clear acrylic cover.