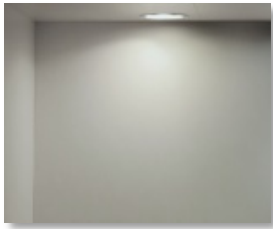
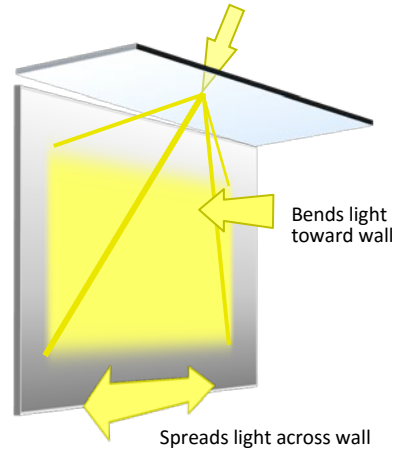


# Angle Bending Diffusers

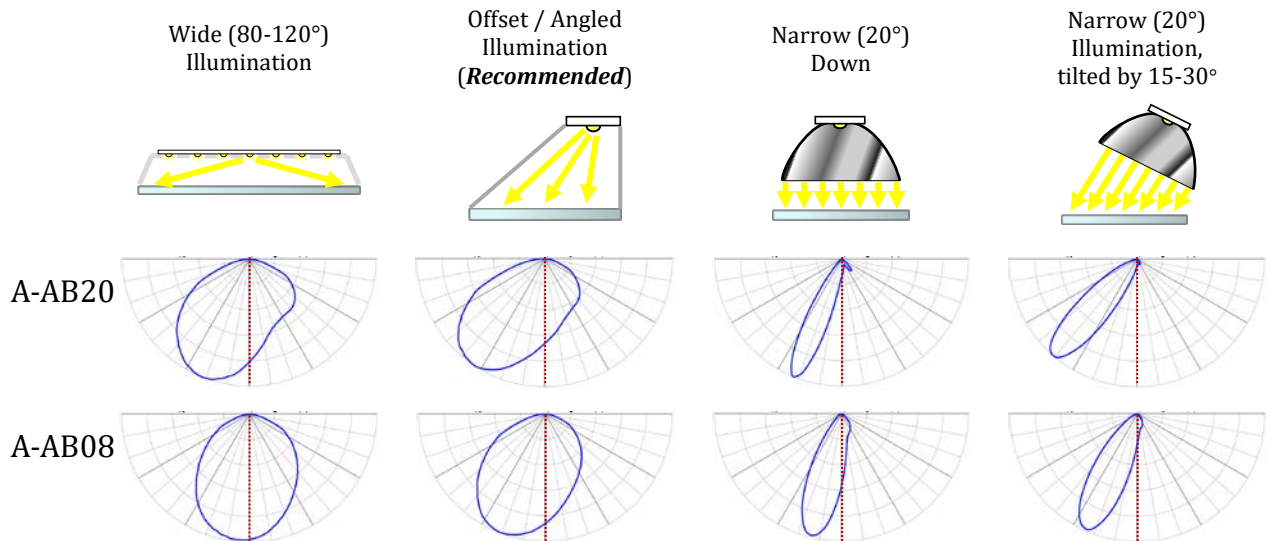
A-Series angle bending (asymmetric direction turning) diffusers



A-Series Angle Bending Diffusers (also known as Direction Turning Films or Image Directing Films) provide an elegant solution for wall-wash, cove, medical, sign, and specialty applications, providing an angle bend to direct the light toward a wall or surface. The A-AB08 diffuser adds simultaneous cross-wall diffusion, to eliminate scalloping and increase uniformity.



Product	Description	Bend Angle <sup>1</sup>	Additional Diffusion	Efficiency in typical LED luminaire <sup>2</sup>
A-AB20	Strong Angle Bend with limited backscatter	21°	5° (cross-wall and toward-wall diffusion)	90 - 94 %
A-AB08	Slight bend with strong cross-wall diffusion	8°	60° (cross-wall diffusion) 20° (toward-wall diffusion)	90 - 94 %



**Usage Notes:**

- A-Series diffusers are generally used with the microstructures facing *toward* the LEDs or lamps
- Angle can be adjusted by adjusting the source angle (narrow to wide) the source position (offset is preferred to centered), and the source angle tilt. Tilt in the angle bend direction will reduce undesired backscattering.
- Bright View applications engineers can assist with product choices and help your design achieve peak performance

<sup>1</sup>Angles data are typical; they vary greatly depending on luminaire design.

<sup>2</sup>Efficiencies are typical; they 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