

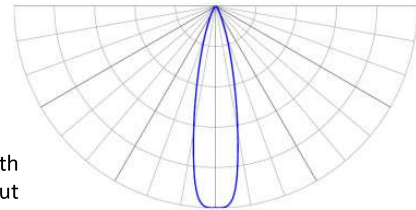
Optical Data

Bright View High Performance Diffusers



Infinite Possibilities Through Microstructures

M-Series Beam-Mixing diffusers for narrow angle applications

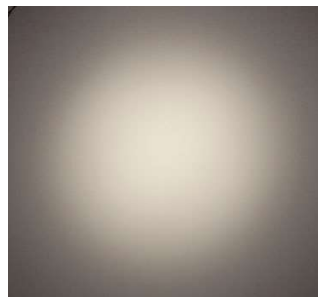


M-Series diffusers are used in spot and narrow flood lighting to smooth beam artifacts caused by parabolic or TIR lens collimators without significant broadening. Their unique design provides superior far-field smoothing and color mixing with high on-axis brightness. Unlike traditional diffusers, there is minimal decrease in central intensity, and minimal increase in off-task "field light."

Product	Typical Transmission (narrow collimated light)	Use for lights with angles in the range of	Comments
Coming soon		8° – 20°	Provides smooth spot on work surface with minimal widening and minimal brightness penalty.
M-PR10	91 – 95 %	15° – 30°	
Coming soon		25° – 45°	



Spot From
Collimated Light
(no diffuser)



Collimated Light with
M-Series Mixing Diffuser



Usage Notes:

- M-Series diffusers may be used in either orientation. Bright View recommends using the microstructures facing toward the LEDs or lamps
- Choose the minimum-strength M-Series diffuser that provides the needed smoothing
- Bright View applications engineers can assist with product choices and help your design achieve peak performance