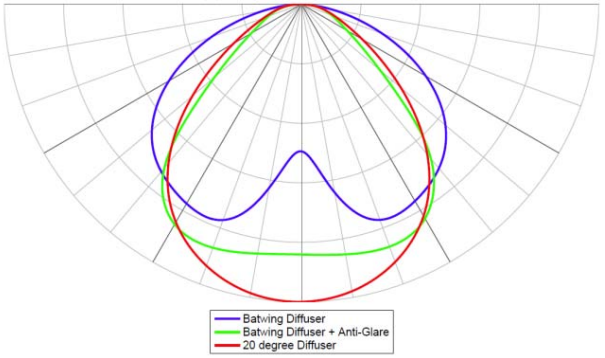
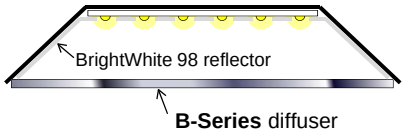
Linear Batwing Diffusers – Sample Distributions

for flat-field illumination

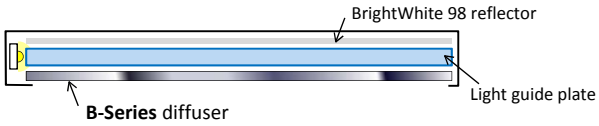
B-Series illuminated by wide sources



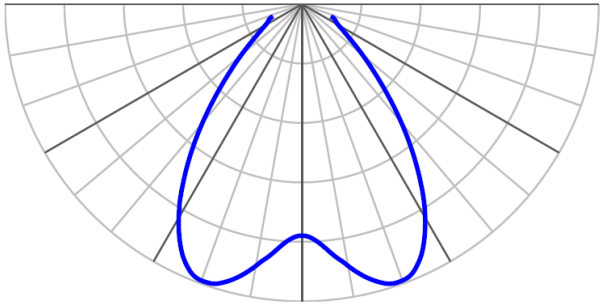
Direct Illumination

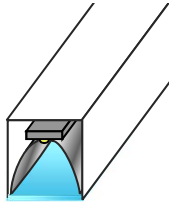


Edge-Lit Panels

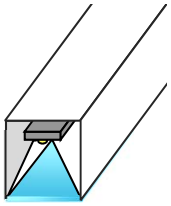


B-Series illuminated from narrower range of directions



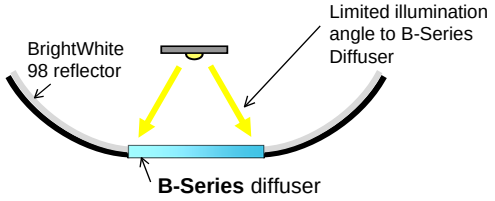


Linear with parabolic reflector

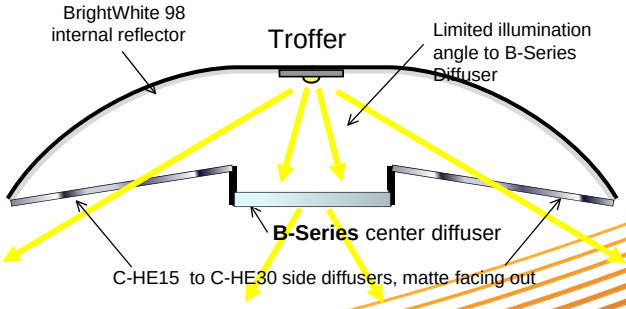


Linear with **BrightWhite 98** reflector

Direct / Indirect Pendant



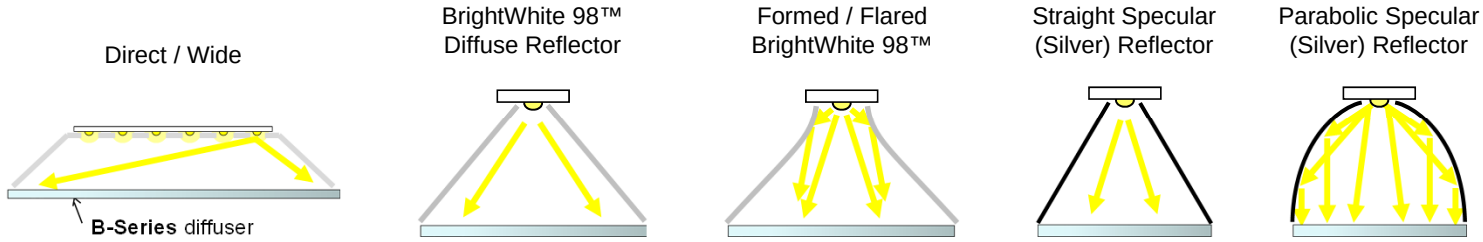
Desirable batwing distributions with reduced (high-angle) glare can be achieved by placing the batwing diffuser in a zone between +/- 20 to 40 degrees from the source, as illustrated in these images.



brightview TECHNOLOGIES

OPTICS THAT TRANSFORM

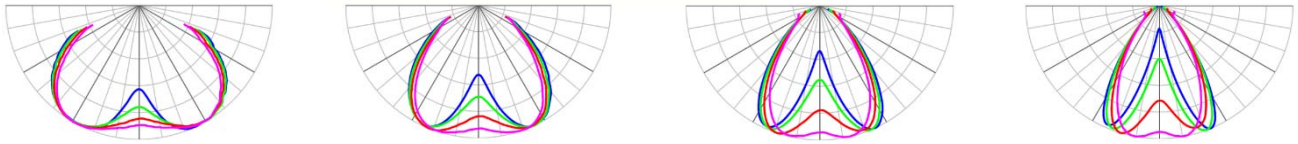
Batwing Diffusers: Choosing an output radiation pattern based on source characteristics



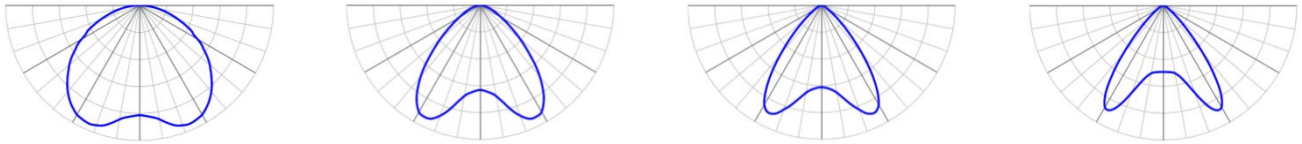
Wider Source = Wider Output

Narrower Source = Narrower Output

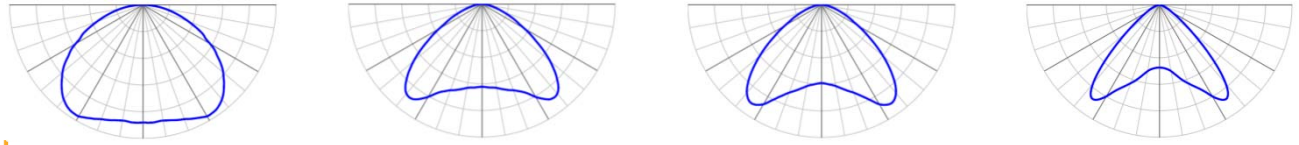
B-LM5E
Linear Batwing



B-C3ME
2D Batwing Medium



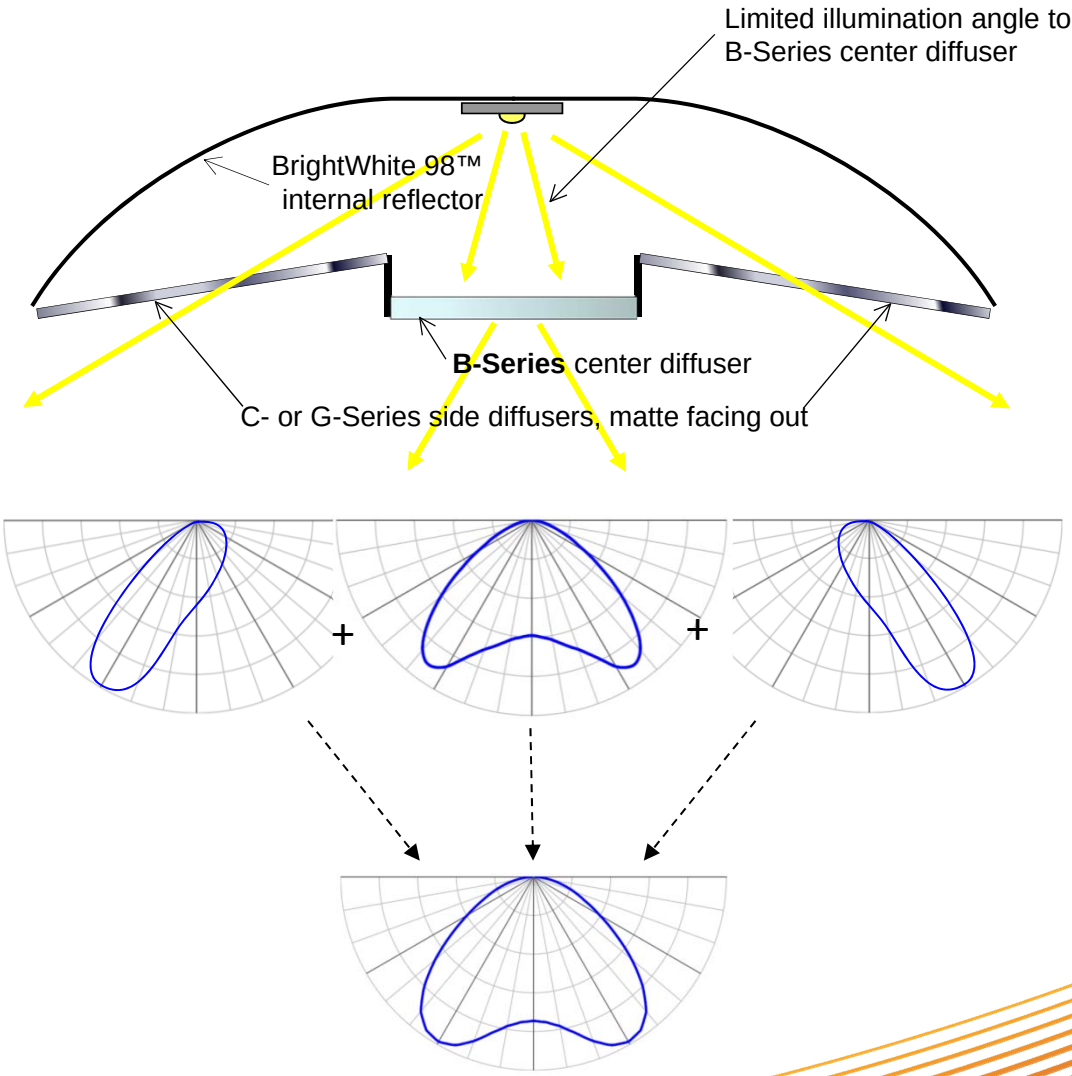
B-C6SE
2D Batwing Wide



OPTICS THAT TRANSFORM

Batwing Design Options: 3-panel Troffer

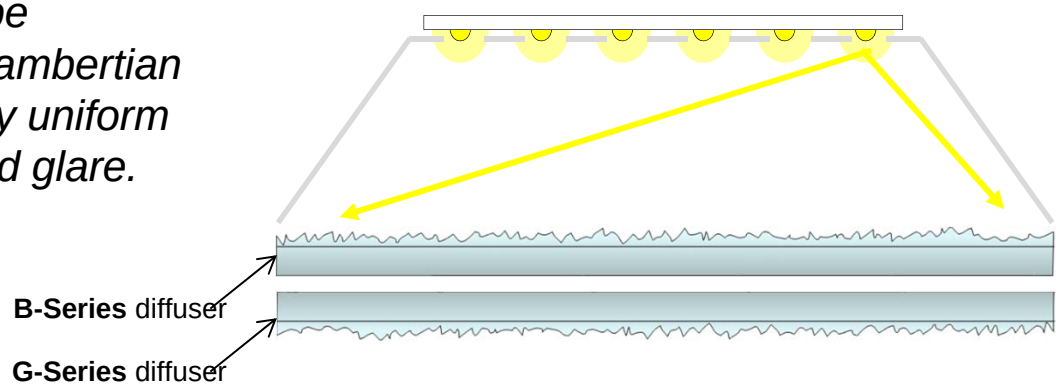
B-Series Batwing diffusers can be used in conjunction with other diffusers to control glare and radiation patterns.

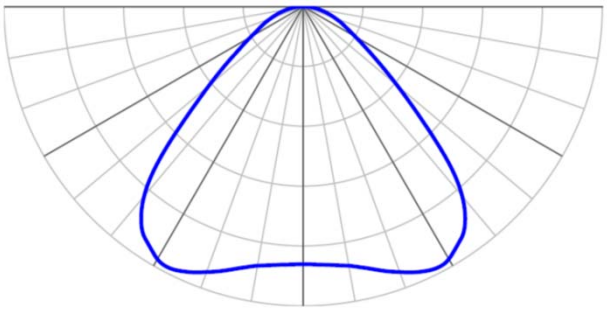


OPTICS THAT TRANSFORM

Batwing Design Options: 2-Diffuser Designs

B-Series Batwing and G-Series Anti-Glare diffusers can be combined to with (wide) lambertian sources and deliver highly uniform illumination with controlled glare.





OPTICS THAT TRANSFORM

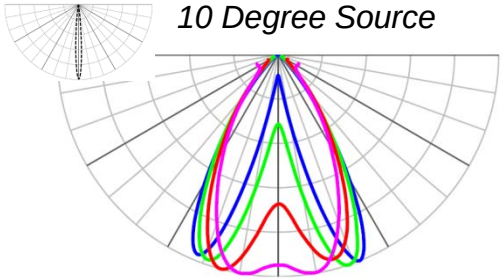
Linear Batwing Diffusers – Sample Distributions

for flat-field illumination

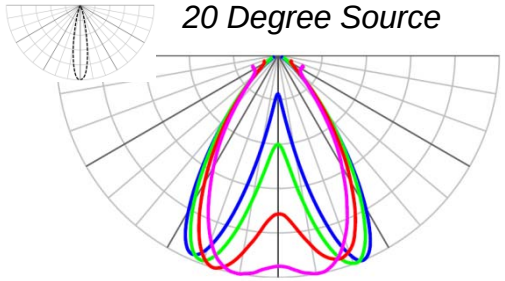
Example light distributions

- B-LM5E-HE20
- B-LM5E-HE30
- B-LM5E-HE40
- B-LM5E-HE55

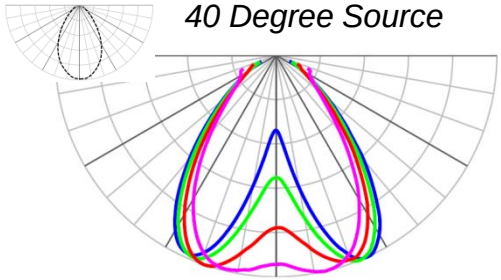
10 Degree Source



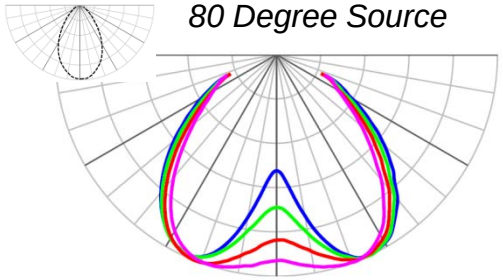
20 Degree Source



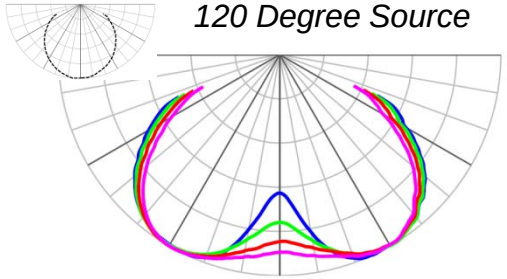
40 Degree Source



80 Degree Source



120 Degree Source



OPTICS THAT TRANSFORM