

DESCRIPTION:

Linear split-beam diffuser to create “batwing” or “flying” optical distributions.

APPLICATIONS:

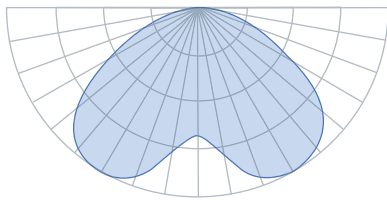
Linear Lighting applications where uniform distribution with reduction of center hot-spot intensity is desired.

OPTIONS:

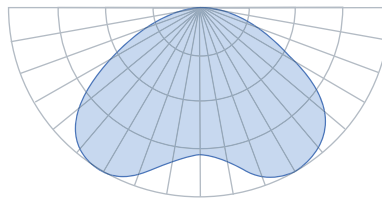
Available in roll, pre-cut sheets or as custom die-cut parts. Also available on rigid acrylic sheets or glass.



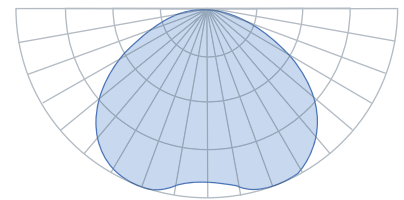
WhiteOptics®
Split Diffusion Film



30/70 Typical Distribution



30/90 Typical Distribution



20/95 Typical Distribution

Series	Distribution	Film Thickness	Material Format	Dimensional Info	Special Designations	Unit of Measures for Order Qty	
DFBW “Batwing” Linear Split Diffusion Film	30/70	30° peak angle, 70% at nadir, >92% efficiency*	12 12 mil (0.012” / 0.305mm)	R	Roll (length in feet determined by unit quantity ordered)	---- Width of roll (inches, 49.00” max width)	(blank) Standard film LF Linear feet
	30/90	30° peak angle, 90% at nadir, >92% efficiency*	6 6 mil (0.006” / 0.152mm)				----- Customer-defined specifications and designators (consult factory)
	20/95	20° peak angle, 95% at nadir, >90% efficiency*	12 12 mil (0.012” / 0.305mm)				

*Achievable optical utilization for LED emitters in 2” deep optical cavity with WhiteOptics F16 98 film. Results will vary depending on geometric design and emitter type.

Example: Order quantity (200) of cat# DFBW 30/70 12 R 2.45 LF to receive a roll containing 200 linear feet of 2.45” wide DFBW with 30/70 distribution (12 mil thick)