

## DESCRIPTION:

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

## APPLICATIONS:

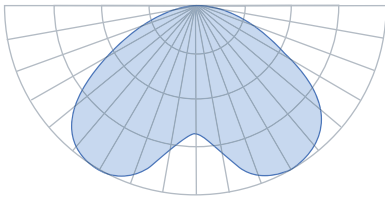
Linear Lighting applications where uniform distribution with reduction of center hot-spot intensity is desired.

## OPTIONS:

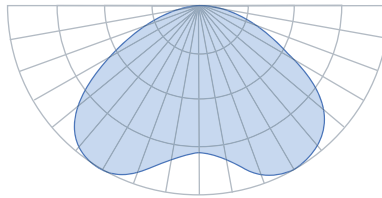
Available in roll, pre-cut sheets or as custom die-cut parts. Also available on rigid acrylic sheets or glass.



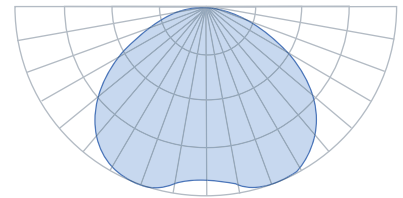
WhiteOptics®  
Split Diffusion Film



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”<br>Linear Split<br>Diffusion<br>Film | 30/70        | 30° peak<br>angle, 70% at<br>nadir, >92%<br>efficiency* | 12             | 12 mil (0.012”<br>/ 0.305mm) | R               | Roll (length in feet<br>determined by unit<br>quantity ordered) | -----            | Width of roll<br>(inches, 49.00”<br>max width) | (blank)              | Standard film                                                                  | LF                             | Linear feet |
|        |                                                | 30/90        | 30° peak<br>angle, 90% at<br>nadir, >92%<br>efficiency* | 6              | 6 mil (0.006” /<br>0.152mm)  |                 |                                                                 |                  |                                                | -----                | Customer-<br>defined<br>specifications<br>and designators<br>(consult factory) |                                |             |
|        |                                                | 20/95        | 20° peak<br>angle, 95% at<br>nadir, >90%<br>efficiency* | 12             | 12 mil (0.012”<br>/ 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)