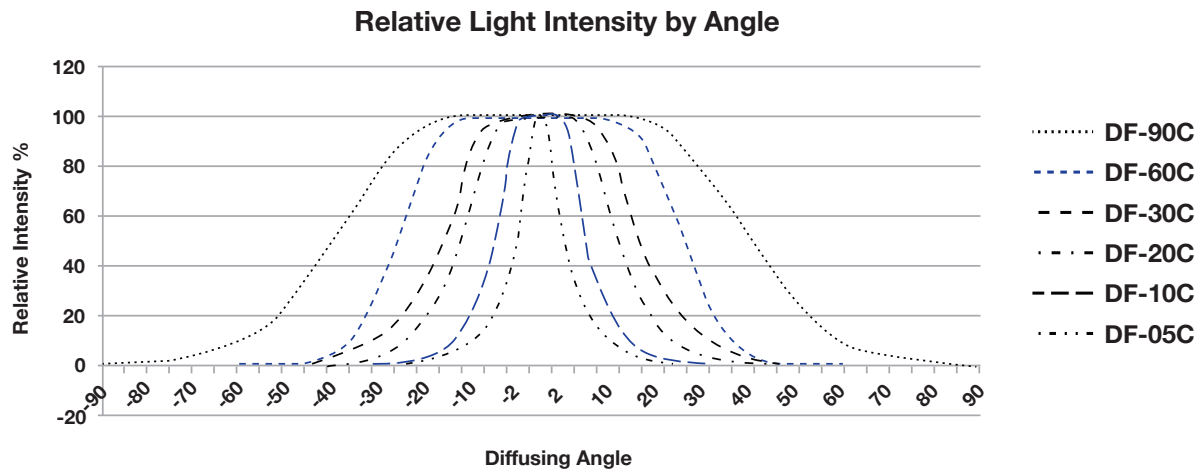


PRODUCT OVERVIEW:

Description: High transmittance uniform diffuser film

Options: Available in roll or pre-cut sheets. Also available Direct Cast™ onto rigid acrylic sheets, polycarbonate or glass.



Specifications			
Substrate:	PET	Angular Tolerance	+/-3%
Width	See table above	Pencil Hardness	3H
Thickness:	0.005" (127um)	Max Temperature:	185 F (85 C)

Custom seamless available in products DF30C, DF60C, and DF90C; C indicates custom seamless version. Film rolls have a visible 1mm repeating seam every 24" (610mm) in roll direction for DF05, DF10, and DF20.

Series		Beam Angle (optical efficiency)		Film thickness (inches/1000)		Material format		Dimensional Info		Special designations		Unit of Measure for Roll length	
D	Diffusion	05C	5° (>95%)	6	6 mil (DF 05C, 10C, 15C, 30C only) (0.006" / 0.152mm)	R	Roll (length in feet determined by unit quantity ordered)	---	Width of roll (inches, 49" max width)	(blank)	Standard film	LF	Linear feet (roll only)
		10C	10° (>95%)										
		30C	30° (>95%)										
		60C	60° (>94%)										
		90C	90°, non-directional (>93%)										
F	Film	99C	>90°, non-directional	7	7 mil (DF 60C, 90C only) (0.007" / 0.178mm)	S	Sheet (consult factory)	---X---	Sheet size (inches, width x length)-consult factory	-----	Customer-defined specifications and designators (other sheet substrate, etc; consult factory)	(blank)	Sheet
		Note	"C" indicates that roll is seamless at any length	10	10 mil (DF 30C, 60C, 90C only) (0.010" / 0.254mm)								
				18	18 mil (DF 90C, 99C only) (0.018" / 0.457mm)								
				31	31 mil (DF 90C only) (0.031" / 0.787mm)								

Example: Order quantity (200) of cat# **DF 60C 10 R 4.75 LF** to receive a roll containing 200 linear feet of 4.75" wide DF 60C material (10 mil thick)

This information has been carefully compiled from experience gained in the laboratory and under commercial conditions. However, the product's performance and its suitability depends on the particular conditions of use. We recommend that customers satisfy themselves that each product meets their requirements in all respects. This information is being provided by WhiteOptics free of charge as a courtesy to customers, and WhiteOptics HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. All rights reserved.