



WhiteOptics® Glare Reduction Film

Product Data Sheet

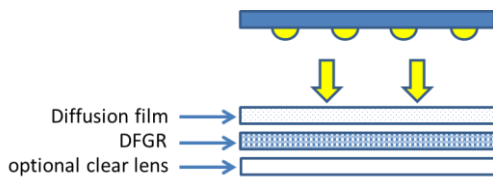
Product Codes: DFGR1, DFGR2

Description: Micro-embossed, conical prismatic film providing efficient light cut-off for angles over 60 degrees while increasing on-axis intensity.

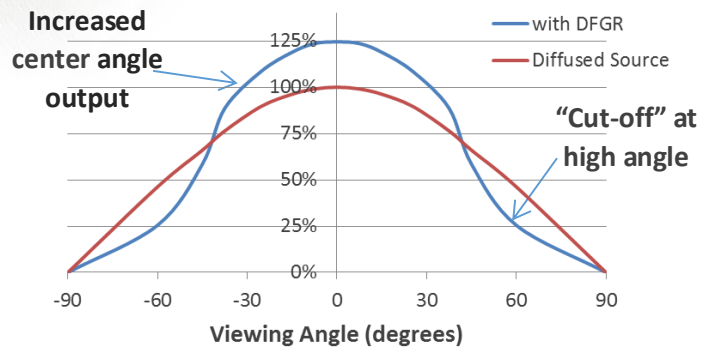
Applications: For glare reduction in direct-lit troffers, light guide panels and downlights.
Works well combined with WhiteOptics® DF micro-structured diffusion film and most diffuser materials

Options: Available in roll, pre-cut sheets or as custom die-cut parts

Glare Control with High Efficiency and LED Diffusion in Direct-lit Applications



Glare Control Film Effect on Viewing Angle for Diffused Light Source



Specification			
Substrate	PET Rigid Acrylic available	Optical Efficiency*	DFGR 1: 94 - 96% DFGR 2: 92 - 95%
Width	Up to 24" (610mm)	Appearance	1.1mm prismatic
Thickness	0.005" (127µm)	Max temperature	212° F (100° C)

* Achievable optical utilization for LED emitters in 1" (25mm) deep optical cavity lined with WhiteOptics F16 White98® film and WhiteOptics DFGR used as lens. Results will vary depending on geometrical design and emitter type.

For more information contact customer service
email: inquiries@whiteoptics.com



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 LLC free of charge as a courtesy to customers, and WhiteOptics LLC HEREBY DISCLAIMS ALL REPRESENTATIONS, WARRANTIES AND LIABILITIES WITH RESPECT TO THE INFORMATION AND USE THEREOF. WhiteOptics® White98 and DFGR are trademarks exclusive to WhiteOptics LLC. All rights reserved.