

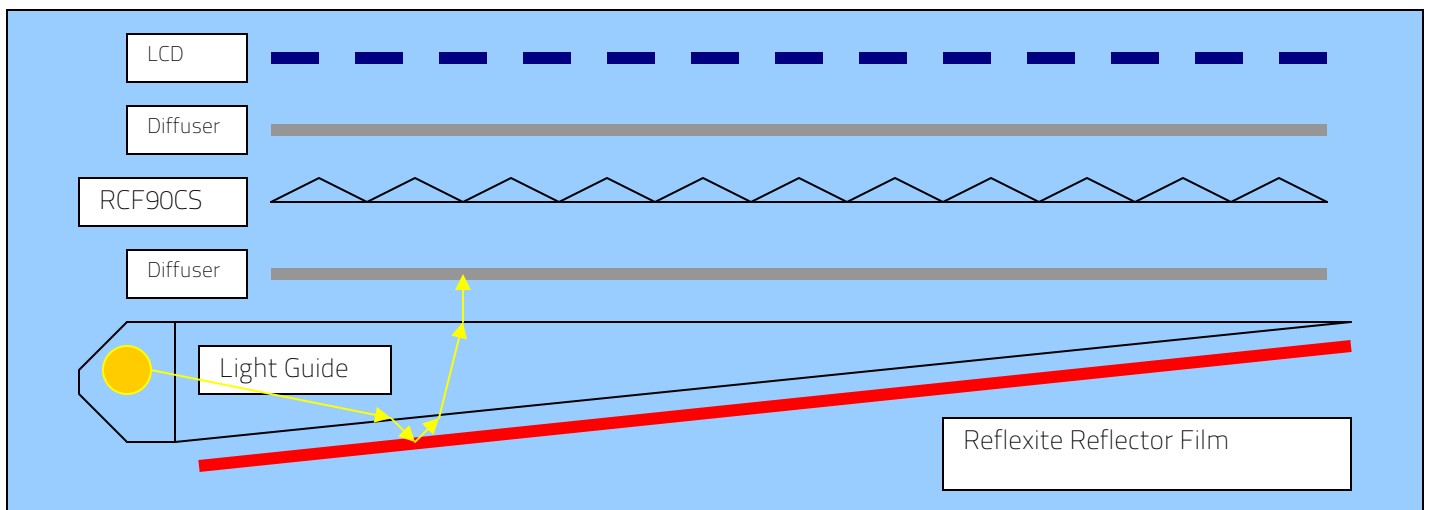
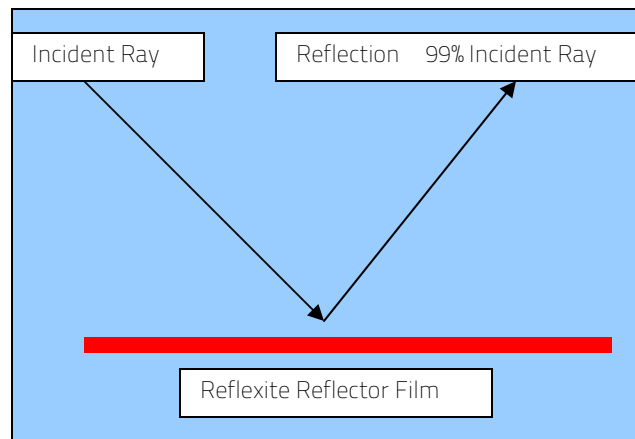
Reflexite® Reflector Film (RRF-1133)

RRF-1133 Computer Monitor and Notebook Display Solution



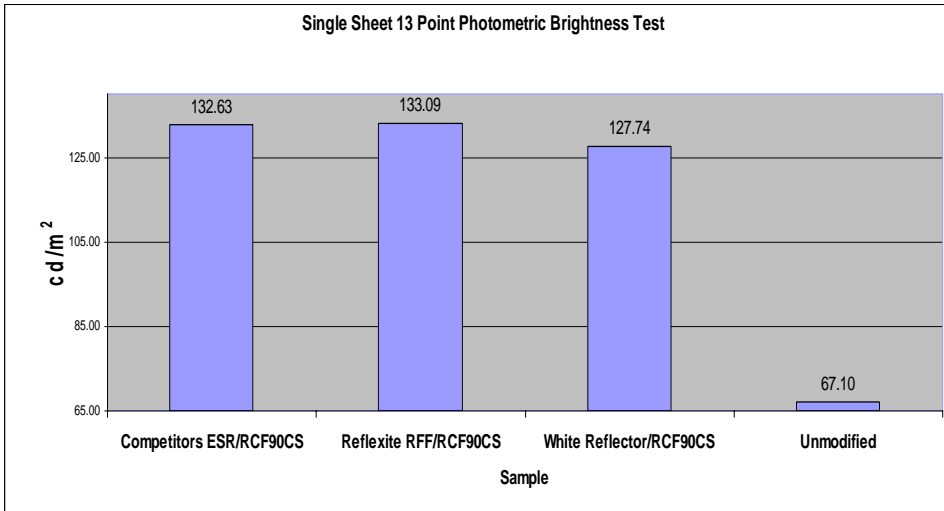
Reflexite Reflector Film (RRF-1133) is sheet material that provides maximum reflection when inserted beneath the light guide in the BLU display stack. RRF-1133 utilizes white PET substrate and thin optical coatings to create a highly efficient specular reflector.

Using RRF-1133 in combination with Reflexite Collimating Film (RCF) allows the display maker to maintain a level of brightness without adding additional lamps. This helps reduce the weight of the display as well as increase battery life.



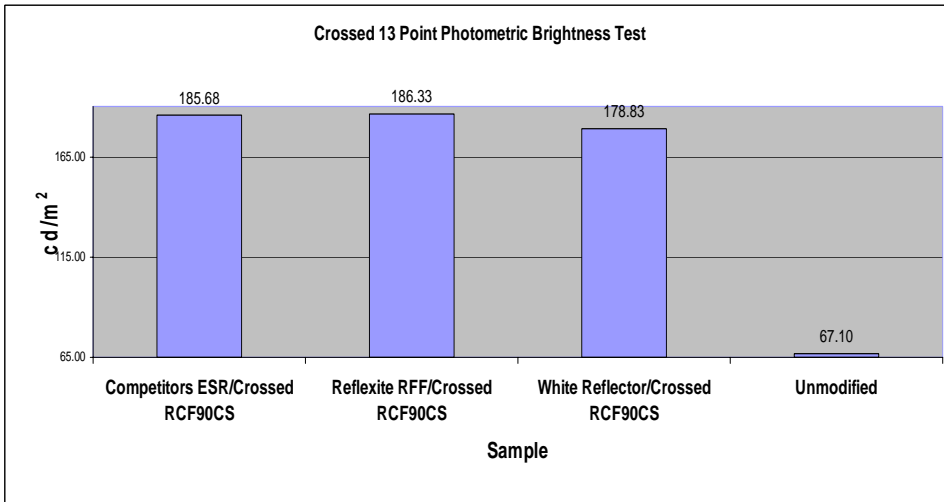
Shown is an example of how RRF-1133 is incorporated into an LCD notebook application. One piece of the RCF90CS is placed directly on top of the light guide diffuser. In some applications, a second piece of the RCF90CS is then placed on top of the first piece of RCF90CS with its prism structure running orthogonal to that first piece of the RCF90CS. At times, the orthogonal RCF is cut with a slight bias to eliminate moiré.

Single Sheet Photometric Data



*Photometric Data taken with a sample Flat-Panel Monitor system.

Crossed Sheet Photometric Data



*Photometric Data taken with a sample Flat-Panel Monitor system.

Physical Properties Data

Measure	Unit	Direction (MD/CMD)
Thickness	188 microns	-----
Tensile Strength	71/77 Mpa	(MD/TD)
Shrinkage (100°C for 30 min)	0.5/0.3 mm	(MD/TD)
Gloss	28	-----

For ordering information or additional technical information please email display.optics@reflexite.com, visit our web site www.display-optics.com or call our sales department at 585-647-1140, ext. 1106.

The seller makes no warranties, expressed or implied, including warranties of fitness of the films for any particular purpose. The seller shall not be liable for loss or damage arising directly from the use of these films. The seller will refund or replace any materials found to be defective.

Reflexite Corporation's business is the *Management of Light*®. We combine optical engineering, microreplication and polymer processing technologies to provide differentiated products to customers worldwide. At Reflexite Display Optics, a division of the Reflexite Corporation, we develop market and sell microstructured optical films for the Display Industry.