

Light Pipe Reflectivity

Manufactured by Alanod, the Natural Light light pipe (MIRO-SILVER) is one of the best performing in the industry. Most of the competition uses lower grade light pipe, thinner gauged or less reflective material.

Comparison between MIRO-SILVER® and Multi-layer Polymeric Film (MPF)

Alanod tested its MIRO-SILVER light pipe (used on all Natural Light tubular skylight models) against the more standard Multi-layer Polymeric Film (MPF). The tests were conducted with the sun's angle at 13.8 and 40 degrees on a 10 foot long x 12" diameter tube. MIRO-SILVER light pipes transmit much more light between zero and 45 degrees when usable light is really needed!

NATURAL LIGHT MIRO-SILVER® ADVANTAGE OVER MPF

SUN ANGLE	TOTAL REFLECTION	AMOUNT OF REFLECTIONS	MIRO-SILVER® ADVANTAGE
13.8°	98.16%	40 reflections	+78% advantage
40.0°	98.22%	11 reflections	+17% advantage

REFLECTIVITY OVER TIME TEST

Comparison of sustained reflectivity after 150 hours UV-C Exposure
(Natural Light MIRO-SILVER® produces sustained reflectivity over time)

