



**Alanod's Prime-Silver® Performance**

The **ELITE TDD** light tube utilizes **Prime-Silver** to create pure white light with no color shift during transmission, even after multiple reflections. At nearly 99% total light reflectivity, these **Prime-Silver** light tubes allow daylight to illuminate interior spaces longer, and brighter, than any other TDD. Compared to polymer-laminated light tubes common in other TDDs, the **ELITE Prime-Silver** light tube will not experience a rapid decline in reflectivity after installation.

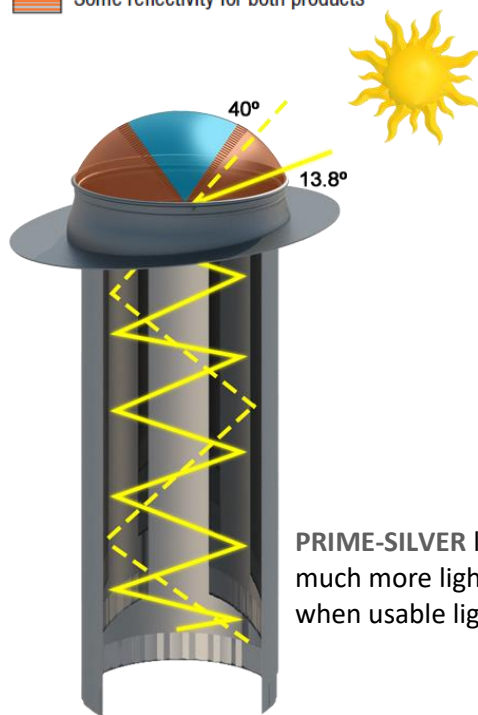
**Benefits of Prime-Silver Light Tubes:**

- Solid reflective material, NOT a laminated polymer sheet
- Will not delaminate, yellow, crack or peel due to prolonged UV exposure
- 25-year material warranty

**Reflector Material under different angles:**

Comparison between **PRIME-SILVER** and Multi-layer Polymeric Film (MPF)

- Advantage for MIRO-SILVER (0-45°)
- Some reflectivity for both products



**PRIME-SILVER** light tubes transmit much more light between 0 and 45° – when usable light is really needed.

**Total Reflection is % Under an Angle of:**

	13.8°	40°
<b>MIRO-SILVER</b>	98.16	98.22
<b>MPF</b>	96.78	97.66

Tube 3 meters (10 ft) length x 300 mm (12 in) diameter

Angle	Output	MIRO-SILVER Advantage
13.8°		
<b>MIRO-SILVER</b>	0.48	+78%
<b>MPF</b>	0.27	0%

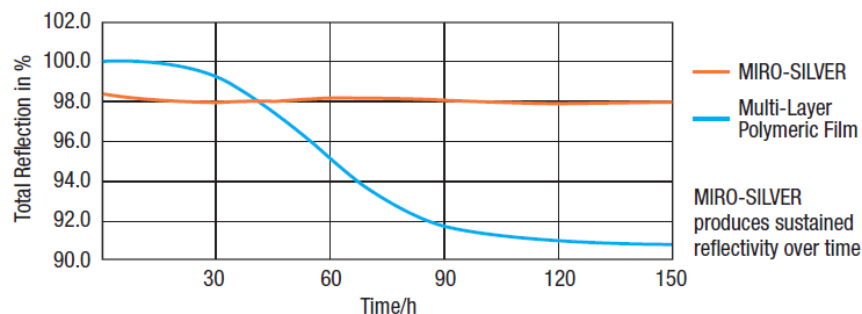
Tube 3 meters (10 ft) length x 300 mm (12 in) diameter

Angle	Output	MIRO-SILVER Advantage
40°		
<b>MIRO-SILVER</b>	0.82	+17%
<b>MPF</b>	0.70	0%

Number of Reflections		
13.8°	40 Reflections	78%
40.0°	11 Reflections	17%

**Reflectivity-Over-Time-Test - PRIME-SILVER vs. Multi-layer Polymeric Film**

Comparison of sustained reflectivity after 150 hours UV-C Exposure



MIRO-SILVER produces sustained reflectivity over time