

Test Report Summary  
**2970AW – ShadowLine  
 Combination**



Thermal Test: U-factor, CRF, Temperature Index

TEST RESULTS

Thermal Transmittance <b>BTU/hr•ft<sup>2</sup>•°F</b> [W/m <sup>2</sup> •K]	<b>U-factor</b>	<b>0.31 [1.76]</b>
Condensation Resistance Factor – Frame	<b>CRF<sub>f</sub></b>	<b>77</b>
Condensation Resistance Factor - Glass	<b>CRF<sub>g</sub></b>	<b>75</b>
Temperature Index	<b>I<sub>index</sub></b>	<b>64</b>
Unit Size: 79" x 79" [2000mm x 2000mm]		
Glass Make-up (0.24 COG): ¼" [6mm] SNX 62/27 (#2) Exterior Glass Lite ½" [12mm] Super Spacer TRI-SEAL w/Argon %90 ¼" [6mm] Clear Interior Glass Lite		

TEST LAB

**QCT**

Mosinee, WI 54455

	U-Factor	CRF	I-index
Report Number	QCT-TH-12585.01	QCT-CRF-12585.02	QCT-CSA-12585.03
Report Date	4/21/2024	4/21/2024	4/21/2024

Reference above report for complete test specimen description and data

(sign) 5/28/2024 (date)

Tim Fookes - Vice President of Engineering Tubelite / Alumicor

TEST METHODS

**AAMA 1503-09:** *Voluntary Test Method for Thermal Transmission and Condensation Resistance of Windows, Doors, and Glazed Wall Sections.*

**NFRC 102-2020:** *Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems*

**CSA A440.2-19, Section 11:** *Condensation Resistance Evaluation*