

# Test Report Summary

## 2970AW ShadowLine

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>0.30</b> [1.70]
Condensation Resistance Factor – Frame	<b>CRF<sub>f</sub></b>	<b>74</b>
Condensation Resistance Factor - Glass	<b>CRF<sub>g</sub></b>	<b>75</b>
Temperature Index	<b>I<sub>index</sub></b>	<b>68</b>
Unit Size: 47 1/4" x 59 1/16" [1200mm x 1500mm]		
Glass Make-up (0.24 COG): 1/4" [6mm] SNX 62/27 (#2) Exterior Glass Lite 1/2" [12mm] Super Spacer TRI-SEAL w/Argon %90 1/4" [6mm] Clear Interior Glass Lite		

### TEST LAB

**QCT**

Mosinee, WI 54455

	U-Factor	CRF	I-index
Report Number	QCT-TH-12584.01	QCT-CRF-12584.02	QCT-CSA-12584.03
Report Date	4/22/2024	4/22/2024	4/22/2024

Reference above report for complete test specimen description and data

A handwritten signature in blue ink, appearing to read 'Tim Fookes', is written over a horizontal line.

(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