phius certified product

Phius Product Number: W-102426
Date Last Certified: 12/11/2024
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 12/11/2026
Air Leakage Test Data Available: No

PRODUCT INFORMATION	
Product Name: EnerLux Low Profile Fixed Window	
Manufacturer: EnerLux Windows & Doors	**Primary Frame Material:** Fiberglass
Series: Low Profile Fixed	**Fixed or Operable:** Fixed
Model: Low Profile Fixed Window	**Operation Type:** Fixed
NFRC CPD #: ENR-M-4-00073-00001	

IGU DETAILS		
Glazing Name: 1/4" 270 ARG 1/4" 180 ARG 1/4" i89 - 1-3/8"		
Glass Layers: Triple	**Gas Fill:** Argon	**Spacer:** Cardinal XL Edge

RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr•ft²•°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✔	✔	✔				
U-Whole-Window	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17

Modeled Size [W×H] 47.24" × 59.06" **SHGC, Whole Window:** 0.27 **Condensation Resistance:**

COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | *Compatible with building energy modeling tools*

U-COG | Center of Glass U-Values, by Climate Zone [Btu/hr•ft²•°F]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.30

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	1.57"	1.57"	1.57"	1.57"
Frame U-Value [Btu/hr•ft²•°F]	0.33	0.33	0.32	0.32
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0090	0.0090	0.0088	0.0088

Frame-to-Wall Psi Value is dependent on the on-site installation condition. *(See Phius Guidebook for more details.)*

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IGU DETAILS		
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RECOMMENDED CLIMATE ZONES *(NOTE: This information is not for use in building energy models. See next section.)*

Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [W/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones				✔	✔	✔				
U-Whole-Window	0.91	0.98	0.98	0.98	0.99	0.98	0.99	0.99	0.99	0.98

Modeled Size [W ×H] 1.20 m × 1.50 m **SHGC, Whole Window:** 0.27 **Condensation Resistance:**

COMPONENT-LEVEL PERFORMANCE DATA [SI Units] | *Compatible with building energy modeling tools*

U-COG | Center of Glass U-Values, by Climate Zone [W/m²K]

Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.74	0.82	0.82	0.81	0.82	0.82	0.82	0.82	0.82	0.82

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.30

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	40 mm	40 mm	40 mm	40 mm
Frame U-Value [W/m²K]	1.89	1.89	1.82	1.83
Glazing-to-Frame Psi Value [W/mK]	0.0157	0.0157	0.0154	0.0153

Frame-to-Wall Psi Value is dependent on the on-site installation condition. *(See Phius Guidebook for more details.)*