phius certified product

Phius Product Number: W-102374
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 Fixed Casement Window	
Manufacturer: EnerLux Windows & Doors	**Primary Frame Material:** Fiberglass
Series: Fixed Casement	**Fixed or Operable:** Fixed
Model: Fixed Casement Window	**Operation Type:** Casement
NFRC CPD #: ENR-M-3-00045-00001	

IGU DETAILS		
Glazing Name: 1/8" 270 ARG 1/8" ARG 180 1/8" - 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	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16

Modeled Size [W×H] 23.62" × 59.06" **SHGC, Whole Window:** 0.23 **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	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.33

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	2.80"	2.80"	2.80"	2.80"
Frame U-Value [Btu/hr•ft²•°F]	0.20	0.20	0.20	0.20
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0135	0.0135	0.0127	0.0128

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	0.93	0.92	0.92	0.93	0.92	0.92	0.92	0.92	0.93	0.93

Modeled Size [W ×H] 0.60 m × 1.50 m **SHGC, Whole Window:** 0.23 **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	0.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.72

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.33

Frame Parameters	*Left Jamb*	*Right Jamb*	*Head*	*Sill*
Frame Section	**Left**	**Right**	**Top**	**Bottom**
Frame Width	71 mm	71 mm	71 mm	71 mm
Frame U-Value [W/m²K]	1.12	1.12	1.13	1.13
Glazing-to-Frame Psi Value [W/mK]	0.0234	0.0234	0.022	0.0223

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