



Phius Product Number: W-102366
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-3-00032-00001	

IGU DETAILS

Glazing Name: 3/16" 270 ARG 3/16" - 1"		
Glass Layers: Double	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	0.21	0.22	0.22	0.22	0.23	0.22	0.23	0.24	0.25	0.26
Modeled Size [W×H]	23.62" × 59.06"		SHGC, Whole Window: 0.25				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	0.18	0.19	0.19	0.19	0.20	0.19	0.21	0.22	0.24	0.25
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.36		

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]	0.22	0.22	0.23	0.23
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0149	0.0149	0.0142	0.0142
Frame-to-Wall Psi Value is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓		✓				
U-Whole-Window	1.21	1.24	1.24	1.23	1.29	1.26	1.33	1.35	1.43	1.48
Modeled Size [W × H]	0.60 m × 1.50 m				SHGC, Whole Window: 0.25			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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	1.02	1.08	1.08	1.05	1.14	1.10	1.21	1.24	1.35	1.42
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.36		

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/m ² K]	1.28	1.28	1.29	1.29
Glazing-to-Frame Psi Value [W/mK]	0.0259	0.0259	0.0247	0.0247

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