



Phius Product Number: W-102343
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 Casement Window	
Manufacturer: EnerLux Windows & Doors	Primary Frame Material: Fiberglass
Series: Casement	Fixed or Operable: Operable
Model: Casement Window	Operation Type: Casement
NFRC CPD #: ENR-M-1- 00052-00001	

IGU DETAILS

Glazing Name: 1/8" 366 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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones	✓	✓	✓	✓	✓	✓				
U-Whole-Window	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19
Modeled Size [W×H]	23.62" × 59.06"		SHGC, Whole Window: 0.17				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·ft ² ·°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	0.12
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

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·ft ² ·°F]	0.27	0.27	0.26	0.26
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0141	0.0141	0.0129	0.0128
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				



Phius Product Number: W-102343
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 Casement Window	
Manufacturer: EnerLux Windows & Doors	Primary Frame Material: Fiberglass
Series: Casement	Fixed or Operable: Operable
Model: Casement Window	Operation Type: Casement
NFRC CPD #: ENR-M-1- 00052-00001	

IGU DETAILS

Glazing Name: 1/8" 366 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 [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	1.05	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.05	1.05
Modeled Size [W × H]	0.60 m × 1.50 m		SHGC, Whole Window: 0.17				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	0.69	0.69	0.69	0.69	0.68	0.68	0.68	0.68	0.69	0.70
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.24		

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]	1.54	1.54	1.50	1.50
Glazing-to-Frame Psi Value [W/mK]	0.0245	0.0245	0.0224	0.0222
Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See Phius Guidebook for more details.)				