



Phius Product Number: W-102340
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- 00035-00001

IGU DETAILS

Glazing Name: 5/32" 366 ARG 5/32" - 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	0.22	0.23	0.23	0.23	0.25	0.24	0.25	0.26	0.27	0.28

Modeled Size [W×H]

23.62" × 59.06"

SHGC, Whole Window: 0.19

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	0.16	0.18	0.18	0.17	0.20	0.19	0.21	0.21	0.23	0.25

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

0.27

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]

0.31

0.31

0.30

0.30

Glazing-to-Frame Psi Value [Btu/hr·ft·°F]

0.0133

0.0133

0.0125

0.0124

Frame-to-Wall Psi Value is dependent on the on-site installation condition. (See *Phius Guidebook* for more 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	1.25	1.33	1.33	1.29	1.39	1.35	1.44	1.46	1.54	1.60
Modeled Size [W × H]	0.60 m × 1.50 m				SHGC, Whole Window: 0.19			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	0.91	1.02	1.02	0.97	1.12	1.06	1.19	1.22	1.33	1.41
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.27		

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]	1.74	1.74	1.69	1.68
Glazing-to-Frame Psi Value [W/mK]	0.0231	0.0231	0.0217	0.0216

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