phius certified product

Phius Product Number: W-102348
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- 00075-00001	

IGU DETAILS		
Glazing Name: 1/8" 180 ARG 1/8" 180 ARG 1/8" 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	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18

Modeled Size [W×H] 23.62" × 59.06" **SHGC, Whole Window:** 0.37 **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	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.53

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]	0.29	0.29	0.28	0.28
Glazing-to-Frame Psi Value [Btu/hr•ft•°F]	0.0075	0.0075	0.0068	0.0067

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

phius certified product

Phius Product Number: W-102348
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- 00075-00001	

IGU DETAILS

Glazing Name: 1/8" 180 ARG 1/8" 180 ARG 1/8" 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 [W/m²K]

Climate Zone	**0, 1, 2**	**3A**	**3B**	**3C**	**4A, 4B**	**4C, 5C**	**5A, 5B**	**6**	**7**	**8**
Recommended Zones					✔	✔				
U-Whole-Window	0.97	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.01

Modeled Size [W ×H] 0.60 m × 1.50 m **SHGC, Whole Window:** 0.37 **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	0.59	0.64	0.64	0.63	0.64	0.64	0.64	0.64	0.64	0.65

SHGC-COG | Center of Glass Solar Heat Gain Coefficient, All Climate Zones	0.53

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]	1.65	1.65	1.61	1.61
Glazing-to-Frame Psi Value [W/mK]	0.0131	0.0131	0.0118	0.0117

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