



Phius Product Number: W-102418
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 Low Profile Fixed Window

Manufacturer: EnerLux Windows & Doors

Primary Frame Material: Fiberglass

Series: Low Profile Fixed

Fixed or Operable: Fixed

Model: Low Profile Fixed Window

Operation Type: Fixed

NFRC CPD #: ENR-M-4-00062-00001

IGU DETAILS

Glazing Name: 5/32" 180 ARG 5/32" i89 - 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	0.17	0.19	0.19	0.19	0.20	0.20	0.21	0.22	0.23	0.24
Modeled Size [W×H]	47.24" × 59.06"		SHGC, Whole Window: 0.54				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	0.14	0.16	0.16	0.16	0.18	0.17	0.18	0.19	0.20	0.21

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

0.62

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	1.57"	1.57"	1.57"	1.57"
Frame U-Value [Btu/hr·ft ² ·°F]	0.38	0.38	0.37	0.37
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0061	0.0061	0.0060	0.0060

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	0.98	1.10	1.10	1.08	1.16	1.12	1.20	1.22	1.30	1.35
Modeled Size [W × H]	1.20 m × 1.50 m		SHGC, Whole Window: 0.54				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	0.80	0.93	0.93	0.90	1.00	0.95	1.05	1.07	1.15	1.21
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.62		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	40 mm	40 mm	40 mm	40 mm
Frame U-Value [W/m ² K]	2.17	2.17	2.11	2.11
Glazing-to-Frame Psi Value [W/mK]	0.0107	0.0107	0.0104	0.0104

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