



Phius Product Number: W-102509
Date Last Certified: 05/14/2025
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 05/14/2027
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: EuroLine Energeto Neo76 Tilt Turn Window

Manufacturer: EuroLine Windows Inc

Primary Frame Material: Vinyl

Series: Energeto Neo76

Fixed or Operable: Operable

Model: Energeto Neo76 Tilt Turn Window

Operation Type: Dual Action Tilt Turn

NFRC CPD #: ANG-M-26-00635-00001

IGU DETAILS

Glazing Name: E180 / arg / clr / arg / E180 (4mm/4mm/4mm) 1-3/4" IG_CL

Glass Layers: Triple

Gas Fill: Argon

Spacer: Quanex Super Spacer TriSeal

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	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.18
Modeled Size [W×H]	47.24" × 59.06"				SHGC, Whole Window: 0.38			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	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.13	0.13

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

0.55

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	4.57"	4.57"	4.57"	4.57"
Frame U-Value [Btu/hr·ft ² ·°F]	0.25	0.25	0.25	0.25
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0093	0.0093	0.0091	0.0091

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	0.93	0.92	0.92	0.92	0.93	0.93	0.94	0.94	0.97	1.00
Modeled Size [W × H]	1.20 m × 1.50 m			SHGC, Whole Window: 0.38			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	0.65	0.64	0.64	0.64	0.65	0.65	0.66	0.67	0.72	0.75

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

0.55

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	116 mm	116 mm	116 mm	116 mm
Frame U-Value [W/m ² K]	1.41	1.41	1.39	1.39
Glazing-to-Frame Psi Value [W/mK]	0.0162	0.0162	0.0159	0.0159

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