



Phius Product Number: W-102627
Date Last Certified: 03/12/26
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 03/12/28
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Optimedia OptiFusion PVC Fixed Window

Manufacturer: Optimedia SRL

Primary Frame Material: Vinyl

Series: OptiFusion

Fixed or Operable: Fixed

Model: OptiFusion PVC Fixed Window

Operation Type: Fixed

NFRC CPD #: OPT-A-7-00049-00001

IGU DETAILS

Glazing Name: SKN 176 II / ARG90 / PLANICLEAR / ARG90 / CG 1.0+T (6MM/4MM/6MM) - 48MM IG

Glass Layers: Triple

Gas Fill: Argon

Spacer: Technoform SP13

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	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15

Modeled Size [W×H]

47.24" × 59.06"

SHGC, Whole Window: 0.22

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	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.12

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

0.28

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	2.91"	2.91"	2.91"	2.91"
Frame U-Value [Btu/hr·ft ² ·°F]	0.25	0.25	0.23	0.23
Glazing-to-Frame Psi Value [Btu/hr·ft·°F]	0.0123	0.0123	0.0110	0.0110

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	0.77	0.78	0.78	0.77	0.78	0.78	0.79	0.80	0.84	0.87

Modeled Size [W × H] 1.20 m × 1.50 m

SHGC, Whole Window: 0.22

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	0.55	0.55	0.55	0.55	0.56	0.56	0.58	0.59	0.63	0.67

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

0.28

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	74 mm	74 mm	74 mm	74 mm
Frame U-Value [W/m ² K]	1.40	1.40	1.29	1.29
Glazing-to-Frame Psi Value [W/mK]	0.0213	0.0213	0.0191	0.0191

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