



Phius Product Number: W-101299
Date Last Certified: 08/15/2023
THERM Files Available: No

Phius Certification Path: Blue Path
Valid Through: 08/15/2025
Air Leakage Test Data Available: No



PRODUCT INFORMATION

Product Name: Kohltech cPVC Direct Glazed Sidelite	
Manufacturer: Kohltech Windows & Entrance Systems	Primary Frame Material: Vinyl
Series: cPVC	Fixed or Operable: Fixed
Model: cPVC Direct Glazed Sidelite	Operation Type: Sidelite
NFRC CPD #: KOI-A-33-00075-00001	

IGU DETAILS

Glazing Name: 1-3/8 OA-Clr-Arg95-CG8070#3-Arg95-CG8070#5		
Glass Layers: Triple	Gas Fill: Argon	Spacer: Quanex Super Spacer Premium Plus

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·ft ² ·°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	0.16	0.16	0.16	0.16
Modeled Size [W×H]	23.62" × 82.28"		SHGC, Whole Window: 0.49				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·ft ² ·°F]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.58		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	1.38"	1.38"	1.38"	2.91"
Frame U-Value [Btu/hr·ft ² ·°F]	0.19	0.19	0.19	0.29
Glazing-to-Frame Psi Value [Btu/hr·ft ² ·°F]	0.0094	0.0094	0.0090	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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
Recommended Zones						✓	✓			
U-Whole-Window	0.90	0.89	0.89	0.89	0.89	0.89	0.89	0.88	0.89	0.89
Modeled Size [W × H]	0.60 m × 2.09 m		SHGC, Whole Window: 0.49				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/m ² K]										
Climate Zone	0, 1, 2	3A	3B	3C	4A, 4B	4C, 5C	5A, 5B	6	7	8
U-COG Value	0.77	0.75	0.75	0.76	0.75	0.75	0.75	0.75	0.75	0.76
SHGC-COG Center of Glass Solar Heat Gain Coefficient, All Climate Zones								0.58		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
Frame Width	35 mm	35 mm	35 mm	74 mm
Frame U-Value [W/m ² K]	1.06	1.06	1.07	1.63
Glazing-to-Frame Psi Value [W/mK]	0.0163	0.0163	0.0156	0.0215

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