



**Phius Product Number:** W-101060  
**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 Outswing Sidelite

**Manufacturer:** Kohltech Windows & Entrance Systems

**Primary Frame Material:** Vinyl

**Series:** cPVC

**Fixed or Operable:** Operable

**Model:** cPVC Outswing Sidelite

**Operation Type:** Sidelite

**NFRC CPD #:** KOI-A-36-106774-00001

## IGU DETAILS

**Glazing Name:** 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA

**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<sup>2</sup>·°F]**

| Climate Zone      | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|-------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| Recommended Zones |         |      |      |      |        | ✓      |        |      |      |      |
| U-Whole-Window    | 0.22    | 0.22 | 0.22 | 0.22 | 0.21   | 0.22   | 0.21   | 0.21 | 0.21 | 0.22 |

**Modeled Size [W×H]**

23.62" × 82.28"

**SHGC, Whole Window:** 0.34

**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<sup>2</sup>·°F]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.14    | 0.14 | 0.14 | 0.14 | 0.13   | 0.13   | 0.13   | 0.13 | 0.13 | 0.14 |

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

0.61

| Frame Parameters                           | Left Jamb | Right Jamb | Head   | Sill   |
|--------------------------------------------|-----------|------------|--------|--------|
| Frame Section                              | Left      | Right      | Top    | Bottom |
| Frame Width                                | 4.37"     | 4.37"      | 4.37"  | 4.57"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.27      | 0.27       | 0.25   | 0.46   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0113    | 0.0113     | 0.0095 | 0.0112 |

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



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**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 [W/m<sup>2</sup>K]**

| Climate Zone      | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|-------------------|---------|------|------|------|--------|--------|--------|------|------|------|
| Recommended Zones |         |      |      |      |        | ✓      |        |      |      |      |
| U-Whole-Window    | 1.23    | 1.22 | 1.22 | 1.22 | 1.22   | 1.22   | 1.22   | 1.22 | 1.22 | 1.22 |

**Modeled Size [W × H]** 0.60 m × 2.09 m

**SHGC, Whole Window:** 0.34

**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<sup>2</sup>K]

| Climate Zone | 0, 1, 2 | 3A   | 3B   | 3C   | 4A, 4B | 4C, 5C | 5A, 5B | 6    | 7    | 8    |
|--------------|---------|------|------|------|--------|--------|--------|------|------|------|
| U-COG Value  | 0.78    | 0.77 | 0.77 | 0.77 | 0.76   | 0.76   | 0.76   | 0.76 | 0.76 | 0.77 |

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

0.61

| Frame Parameters                   | Left Jamb | Right Jamb | Head   | Sill   |
|------------------------------------|-----------|------------|--------|--------|
| Frame Section                      | Left      | Right      | Top    | Bottom |
| Frame Width                        | 111 mm    | 111 mm     | 111 mm | 116 mm |
| Frame U-Value [W/m <sup>2</sup> K] | 1.53      | 1.53       | 1.40   | 2.62   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0196    | 0.0196     | 0.0166 | 0.0194 |

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