



**Phius Product Number:** W-101999  
**Date Last Certified:** 04/24/2024  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 04/24/2026  
**Air Leakage Test Data Available:** No



## PRODUCT INFORMATION

**Product Name:** Inline 3000 Series Fixed

**Manufacturer:** Inline Fiberglass Ltd

**Primary Frame Material:** Fiberglass

**Series:** 300 Series

**Fixed or Operable:** Fixed

**Model:** 3000 Series Fixed

**Operation Type:** Fixed

**NFRC CPD #:** IFL-A-36-00036-00001

## IGU DETAILS

**Glazing Name:** 6MM 366 ARG 180 6MM ARG 6MM i89 - 1-3/4" IG

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer:** Cardinal Endur

## 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    | 0.14    | 0.15 | 0.15 | 0.15 | 0.15   | 0.15   | 0.15   | 0.15 | 0.15 | 0.15 |

**Modeled Size [W×H]** 47.24" × 59.06"

**SHGC, Whole Window:** 0.19

**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  | 0.12    | 0.13 | 0.13 | 0.13 | 0.13   | 0.13   | 0.13   | 0.13 | 0.13 | 0.14 |

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

0.23

| Frame Parameters                           | Left Jamb | Right Jamb | Head   | Sill   |
|--------------------------------------------|-----------|------------|--------|--------|
| Frame Section                              | Left      | Right      | Top    | Bottom |
| Frame Width                                | 2.76"     | 2.76"      | 2.76"  | 2.76"  |
| Frame U-Value [Btu/hr·ft <sup>2</sup> ·°F] | 0.20      | 0.20       | 0.20   | 0.20   |
| Glazing-to-Frame Psi Value [Btu/hr·ft·°F]  | 0.0032    | 0.0032     | 0.0031 | 0.0031 |

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



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**Glazing Name:** 6MM 366 ARG 180 6MM ARG 6MM i89 - 1-3/4" IG

**Glass Layers:** Triple

**Gas Fill:** Argon

**Spacer:** Cardinal Endur

## 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    | 0.79    | 0.84 | 0.84 | 0.83 | 0.84   | 0.84   | 0.84   | 0.84 | 0.85 | 0.86 |

**Modeled Size [W × H]** 1.20 m × 1.50 m

**SHGC, Whole Window:** 0.19

**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  | 0.68    | 0.74 | 0.74 | 0.74 | 0.75   | 0.75   | 0.75   | 0.75 | 0.76 | 0.77 |

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

0.23

| Frame Parameters                   | Left Jamb | Right Jamb | Head   | Sill   |
|------------------------------------|-----------|------------|--------|--------|
| Frame Section                      | Left      | Right      | Top    | Bottom |
| Frame Width                        | 70 mm     | 70 mm      | 70 mm  | 70 mm  |
| Frame U-Value [W/m <sup>2</sup> K] | 1.15      | 1.15       | 1.12   | 1.12   |
| Glazing-to-Frame Psi Value [W/mK]  | 0.0056    | 0.0056     | 0.0055 | 0.0055 |

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