



**Phius Product Number:** W-101735  
**Date Last Certified:** 11/05/2023  
**THERM Files Available:** No

**Phius Certification Path:** Blue Path  
**Valid Through:** 11/05/2025  
**Air Leakage Test Data Available:** No



**PRODUCT INFORMATION**

<b>Product Name:</b> Kommerling USA 88mm Fixed Window	
<b>Manufacturer:</b> Kommerling USA	<b>Primary Frame Material:</b> Vinyl
<b>Series:</b> 88mm	<b>Fixed or Operable:</b> Fixed
<b>Model:</b> 88mm Fixed Window	<b>Operation Type:</b> Fixed
<b>NFRC CPD #:</b> KOM-K-8-00019-00001	

**IGU DETAILS**

<b>Glazing Name:</b> Solarban 60 on 6 mm Clear/14.2 mm 90% Argon/6 mm Clear/14.2 mm 90% Argon/Solarban 60 on 6 mm Clear		
<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> HB Fuller Ködispace

**RECOMMENDED CLIMATE ZONES** *(NOTE: This information is not for use in building energy models. See next section.)*

<b>Recommended Climate Zones and Whole-Window U-values by Zone, at Standard Model Size [Btu/hr·ft<sup>2</sup>·°F]</b>										
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
<b>Modeled Size [W×H]</b>	47.24" × 59.06"		<b>SHGC, Whole Window:</b> 0.25				<b>Condensation Resistance:</b>			

**COMPONENT-LEVEL PERFORMANCE DATA [IP Units] | Compatible with building energy modeling tools**

<b>U-COG   Center of Glass U-Values, by Climate Zone [Btu/hr·ft<sup>2</sup>·°F]</b>										
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	0.11	0.11	0.12	0.12
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.33		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
<b>Frame Section</b>	<b>Left</b>	<b>Right</b>	<b>Top</b>	<b>Bottom</b>
<b>Frame Width</b>	3.15"	3.15"	3.15"	3.15"
<b>Frame U-Value [Btu/hr·ft<sup>2</sup>·°F]</b>	0.21	0.21	0.21	0.21
<b>Glazing-to-Frame Psi Value [Btu/hr·ft<sup>2</sup>·°F]</b>	0.0104	0.0104	0.0102	0.0102
<b>Frame-to-Wall Psi Value</b> is dependent on the on-site installation condition. <i>(See Phius Guidebook for more details.)</i>				



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<b>Series:</b> 88mm	<b>Fixed or Operable:</b> Fixed
<b>Model:</b> 88mm Fixed Window	<b>Operation Type:</b> Fixed
<b>NFRC CPD #:</b> KOM-K-8-00019-00001	

IGU DETAILS		
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<b>Glass Layers:</b> Triple	<b>Gas Fill:</b> Argon	<b>Spacer:</b> HB Fuller Ködispace

RECOMMENDED CLIMATE ZONES <i>(NOTE: This information is not for use in building energy models. See next section.)</i>										
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	0.81	0.80	0.80	0.80	0.80	0.80	0.81	0.81	0.82	0.84
<b>Modeled Size [W × H]</b>	1.20 m × 1.50 m		<b>SHGC, Whole Window:</b> 0.25				<b>Condensation Resistance:</b>			

**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	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.64	0.66	0.68
<b>SHGC-COG   Center of Glass Solar Heat Gain Coefficient, All Climate Zones</b>								0.33		

Frame Parameters	Left Jamb	Right Jamb	Head	Sill
Frame Section	Left	Right	Top	Bottom
<b>Frame Width</b>	80 mm	80 mm	80 mm	80 mm
<b>Frame U-Value [W/m<sup>2</sup>K]</b>	1.20	1.20	1.18	1.18
<b>Glazing-to-Frame Psi Value [W/mK]</b>	0.0181	0.0181	0.0177	0.0178

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