





**IGU Smart Window Connector**

- Located 3" +/- 0.5" from corner
- 15.5" +/- 1.5" in length
- 4mm diameter
- Threaded connection
- Preterminated
- Hand screw 5-pin male M8 connector
- Requires 7/16" min. hole size

IGU SPECIFICATIONS <sup>1</sup>	
<b>Type</b>	Dual pane or Triple pane
<b>IGU Strength</b>	Tempered (Inboard & Outboard)
<b>Dimensions</b>	Maximum 72" x 120" (1,828mm x 3,048mm) Minimum 14" x 14" (356mm x 356mm) Maximum overall thickness 2" (52mm)
<b>Outboard Lite</b>	Thickness: 1/4" (6mm) Color: Clear Coating: Dynamic coating on surface 2
<b>Inboard Lite</b>	Various options. Please refer to next table
<b>Gas Fill<sup>2</sup></b>	>90% Argon, <10% Air
<b>Seal</b>	Primary PIB; Secondary Silicone
<b>Spacer Materials and Thickness</b>	Black Foam Super Spacer® T-Spacer™ 1/2", 5/8" thickness (12.7mm, 15.9mm)

IGU SPECIFICATIONS <sup>1</sup>			
	Thickness	Color	Coating
<b>Monolithic</b>	6mm	Multiple <sup>4</sup>	None
	5mm	Clear	None
	4mm	Clear	None
	6mm	Clear	SN68 or i89
<b>Laminate</b>	6mm/6mm	Clear	None
	5mm/5mm	Clear	None
	4mm/4mm	Clear	None
	6mm/6mm	Clear	SN68 or i89
<b>Laminate Interlayer</b>	0.03" or 0.06" or 0.09" PVB or 0.09" SGP		

**Additional Notes**

- Dynamic coating meets or exceeds specific tions for scratches, pinholes, and defects stated in ASTM C1376.
- The inner ply of a tinted laminated lite is colored.
- View Dynamic Glass transitions from the long edges of the glass inward to the center. Transition speed varies by the size.
- View complies with the industry standard specific tion requirements, ASTM C1048 and ANSI Z97.1 for tempered glasses. Anytempered lite with a base dimension > 84" will exhibit vertical roll wave distortion rather than horizontal roll wave distortion.
- Using a spark-type analyzer to measure gas content within the IGU will damage the electrochromic coating and void the warranty.
- The overall thickness of the IGU may vary within the glass thickness tolerance stated in ASTM C1036 and the air space thickness tolerance stated in ASTM E2190.

<sup>1</sup> Other sizes, colors, and thicknesses available based on specific tions.

<sup>2</sup> An IGU installed 2,500 ft above sea level will include 100% air and an open capillary tube installed on the corner closest to the Smart Window Connector running down several inches through the secondary seal.

<sup>3</sup> The IGU Smart Window Connector protector is a disposable cap and should be removed prior to installation.

<sup>4</sup> Color options include Clear, SolarBlue, SolarGray, Azuria, CrystalGray and Pacifica

Each View Dynamic Glass makeup contains four performance values corresponding to the electrochromic (EC) tint level of the glass, ranging from the clear state (Tint 1) to the fully tinted state (Tint 4). Lead times may vary for certain configurations.<sup>1</sup>

Double Pane IGU Configurations			Transmittance (%)			Reflectance (%)			U-Value (Btu/h-ft <sup>2</sup> F)	Solar Heat Gain Coefficient	Sound Transmission Class Rating (dB)
			Visible	UV	Solar	Visible Out	Visible In	Solar Out			
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	58	4	34	15	18	15	0.29	0.41	35
Inboard Lite	<b>6mm clear</b>	Tint 2	40	3	21	12	17	12	0.29	0.28	
Cavity	1/2" (12.7mm)	Tint 3	6	1	22	9	16	11	0.29	0.11	
Gas Fill	90% argon	Tint 4	1	0	1	10	17	12	0.29	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	37	2	20	14	10	15	0.29	0.39	35
Inboard Lite	<b>6mm SolarBlue</b>	Tint 2	26	2	13	11	10	12	0.29	0.27	
Cavity	1/2" (12.7mm)	Tint 3	4	1	2	9	10	11	0.29	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	10	10	12	0.29	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	29	2	18	14	9	14	0.29	0.39	35
Inboard Lite	<b>6mm SolarGray</b>	Tint 2	21	1	11	11	8	12	0.29	0.26	
Cavity	1/2" (12.7mm)	Tint 3	3	0	1	9	8	11	0.29	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	10	8	12	0.29	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	44	2	25	15	12	15	0.29	0.42	35
Inboard Lite	<b>6mm CrystalGray</b>	Tint 2	30	1	14	11	11	12	0.29	0.27	
Cavity	1/2" (12.7mm)	Tint 3	4	0	10	9	11	11	0.29	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	9	11	12	0.29	0.08	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	28	1	13	14	8	14	0.29	0.38	35
Inboard Lite	<b>6mm Pacifica</b>	Tint 2	20	1	9	11	8	12	0.29	0.26	
Cavity	1/2" (12.7mm)	Tint 3	3	0	1	9	7	11	0.29	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	10	8	12	0.29	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	45	3	17	14	13	14	0.29	0.38	35
Inboard Lite	<b>6mm Azuria</b>	Tint 2	32	2	12	11	12	12	0.29	0.27	
Cavity	1/2" (12.7mm)	Tint 3	4	1	2	9	12	11	0.29	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	10	12	12	0.29	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	50	3	22	14	14	18	0.24	0.33	35
Inboard Lite	<b>6mm clear with low-e SN68 on #3</b>	Tint 2	35	2	15	11	13	12	0.24	0.21	
Cavity	1/2" (12.7mm)	Tint 3	5	1	2	9	12	11	0.24	0.08	
Gas Fill	90% argon	Tint 4	1	0	0	10	13	12	0.24	0.07	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	57	4	32	15	18	15	0.23	0.39	35
Inboard Lite	<b>6mm clear with low-e i89 on #4</b>	Tint 2	40	3	20	12	17	12	0.23	0.27	
Cavity	1/2" (12.7mm)	Tint 3	6	1	2	9	16	11	0.23	0.09	
Gas Fill	90% argon	Tint 4	1	0	1	10	16	12	0.23	0.07	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	55	0	30	15	17	15	0.28	0.41	42
Inboard Lite	<b>6mm clear/0.060" PVB/6mm clear</b>	Tint 2	39	0	19	12	16	12	0.28	0.28	
Cavity	1/2" (12.7mm)	Tint 3	5	0	2	9	15	11	0.28	0.10	
Gas Fill	90% argon	Tint 4	1	0	1	10	16	12	0.28	0.09	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	54	0	29	15	16	14	0.28	0.40	42
Inboard Lite	<b>6mm clear/0.090" PVB/6mm clear</b>	Tint 2	38	0	18	12	15	12	0.28	0.28	
Cavity	1/2" (12.7mm)	Tint 3	5	0	2	9	15	11	0.28	0.10	
Gas Fill	90% argon	Tint 4	1	0	0	10	15	12	0.28	0.09	
Triple Pane IGU Configurations											
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	52	3	28	18	22	16	0.21	0.37	39
Inboard Lite	<b>6mm clear x 2</b>	Tint 2	37	2	18	13	21	12	0.21	0.25	
Cavity	1/2" (12.7mm)	Tint 3	5	1	2	9	21	11	0.21	0.09	
Gas Fill	90% argon	Tint 4	1	0	0	10	21	12	0.21	0.07	
Outboard Lite	6mm clear FT with EC coating on #2	Tint 1	44	2	19	17	17	17	0.14	0.30	39
Inboard Lite	<b>6mm clear x 2; SN68 low-e on #5</b>	Tint 2	32	2	13	13	16	13	0.14	0.21	
Cavity	1/2" (12.7mm)	Tint 3	4	0	2	9	16	11	0.14	0.06	
Gas Fill	90% argon	Tint 4	1	0	0	10	16	12	0.14	0.05	

<sup>1</sup> Other configurations available based on specifications.

### SHAPES CATALOG

- All drawings are viewing surface 1
- Each angle  $\geq 30^\circ$ . Trapezoids must have two right angles and  $(H-H1)$  or  $(W-W1)$  must be  $\geq 2"$
- Smart Window Connector exit indicated by and cannot be moved.
- Smart Window Connector is approx. 3" from indicated corner
- Each dimension  $\geq 14"$  and  $\leq 120"$ , including the hypotenuse of triangles and all sides of trapezoids
- Either W or H must be  $\leq 72"$

