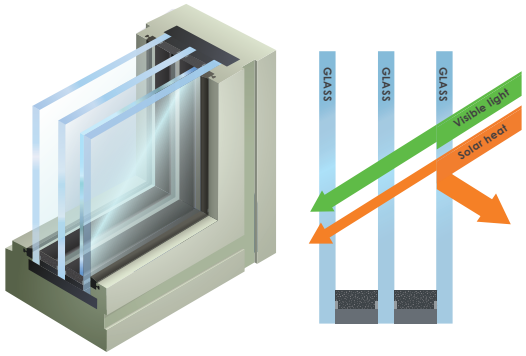
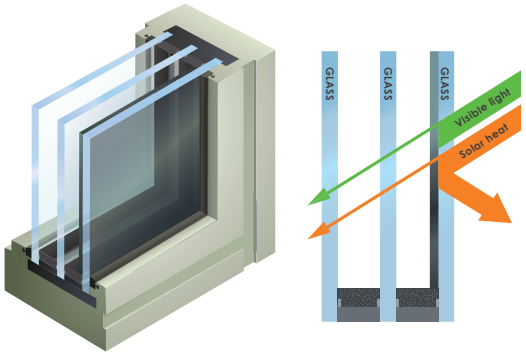
Dynamic Glass

Insulating Glass Unit (IGU) data sheet – Triple pane (EU)

CLEAR STATE



TINT STATE



Benefits

View Dynamic Glass uses electrochromic technology to switch between clear and tinted states on demand.

- Energy savings
- Contributes to LEED and other green building rating systems
- Glare reduction
- Unobstructed views and natural daylighting

Features

- 4 preset states from 3% to 52% visual transmission
- Solar Factor (g-value) range of 0.04 to 0.39
- Automated or manual control with a range of user interface options

Framing requirements

- Integrates into typical applications and framing system types
- Framing systems need to allow enough space in glazing pocket and framing channels to run system wiring
- Hole size for connector to pass through is 11.1mm minimum

3rd party testing and certification

- EN 1279–2, 1279–3: IGU Performance (In progress)
- EN 1096–3: Durability of Coated Glass
- EN 1863, 12150 & EN 12600
- EN 410, 12898 & 673 (scheduled)

Warranty

- Standard insulating glass unit (IGU) — 10 years from date of delivery by View
- Laminated IGU's and sloped glazing — 5 years from date of delivery by View
- Please refer to standard warranty terms for more details

IGU performance table – Triple pane configuration

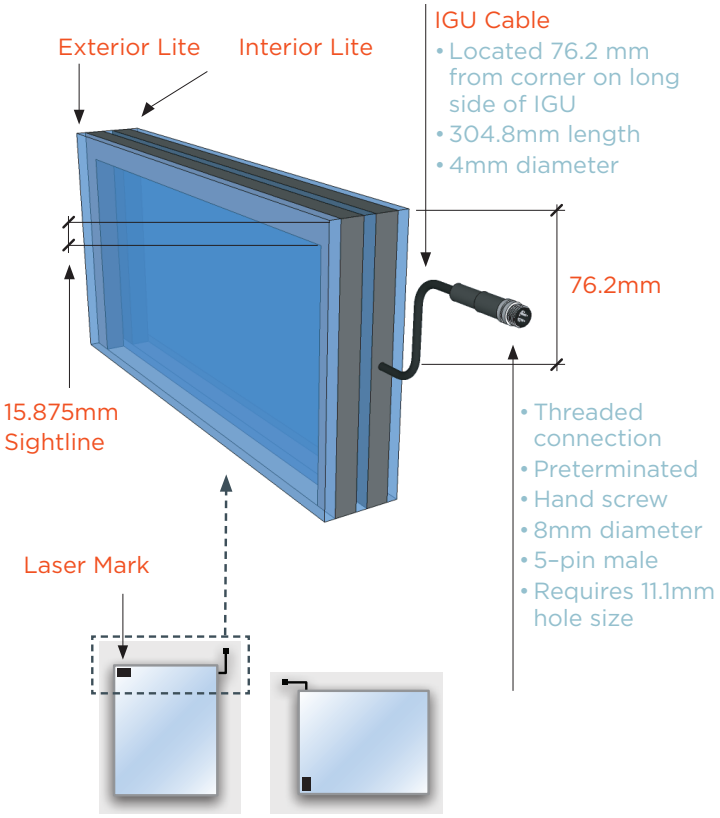
TINT LEVEL	TRANSMITTANCE (%)			REFLECTANCE (%)			U-VALUE (W/m2-K)	SOLAR FACTOR (g-VALUE)
	VISIBLE	UV	SOLAR	VISIBLE OUT	VISIBLE IN	SOLAR OUT		
DYNAMIC 60	52	1	32	19	22	19	0.7	0.39
DYNAMIC 40	36	1	19	13	20	12	0.7	0.24
DYNAMIC 20	18	1	8	9	20	10	0.7	0.12
DYNAMIC 4	3	0	1	7	19	10	0.7	0.04

Performance values apply to a 6mm clear FT lite with EC coating on surface #2 — 16mm 90% argon filled gap — 6mm clear FT lite — 16mm 90% Argon filled gap — 5mm extra clear FT lite with ClimaGuard 80/70 or equivalent. All performance values are calculated using WinSLT 5.1 with ClimaGuard nRG as 80/70 equivalent

Project submittal information

JOB NAME:	NOTES:
JOB NUMBER:	

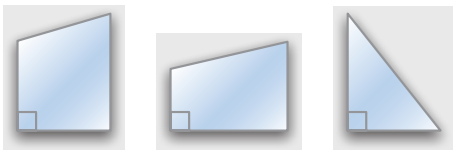
VIEW GLASS OPTIONS (Standard makeup in bold)	
Type	**Dual Pane** Triple Pane
Shape	**Squares, rectangles** Right-angled trapezoids and triangles
Dimensions	Maximum 1,524mm x 3, 048mm (60" x 120") Minimum 356mm x 356mm (14" x 14") Maximum overall thickness 52mm (2") All angles must be ≥30° with at least one 90° angle
Outboard Lite	Thickness **6mm** Strength **Fully tempered** Color **Clear** Coating **Dynamic coating on #2 surface**
Inboard Center Lite	Thickness 3mm, 4mm, 5mm, 6mm Strength **Fully tempered**, Annealed, Heat strengthened Color **Clear**, Gray, Blue Coating **None** / Low-e Laminated .381mm / .762mm / 1.524mm/ 2.286mm PVB
Spacer Materials and Thickness	**Foam Super Spacer® T-Spacer™ (black)** 15.9, **12.7**, 11.1, 9.5mm (⅝", **½"**, 7⁄16",⅜") Stainless Steel 19.5, 15.9, 12.7, 9.5mm (¾", ⅝", ½", ⅜") Contact for other thickness
Gas Fill	**>90% Argon, <10% Air** 100% Air*
Seal	Primary **PIB** Secondary **Silicone** Polyurethane



View Glass transitions from the long edges of the glass inward to the center. Transition speed varies by the size of glass.

Diagram of Shapes

Contact View for pigtail location on shapes



* For installations 2,500ft above sea level or higher, units will be built with capillary tubes.
** Contact View for other shapes, sizes and options.

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