



Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U-Factor	SHGC	Weight Kg/m ²
		Trans.	Refl Out	Refl In	Trans.	Refl.		Argon		
Viridian LightBridge™ (Base Level)										
LightBridge™ Clear	4+12+4	80	12	13	54	27	49	1.4	0.60	20
	5+12+5	80	12	13	52	25	46	1.4	0.58	25
	6+12+6	79	12	13	51	24	43	1.4	0.57	30
	8+12+8	77	12	12	46	20	40	1.4	0.53	35
LightBridge™ Neutral	5+12+5	61	9	11	39	16	28	1.4	0.46	25
	6+12+6	57	8	11	36	14	25	1.4	0.43	30
LightBridge™ Grey	4+12+4	50	7	11	35	15	23	1.4	0.41	20
	5+12+5	43	7	10	30	13	18	1.4	0.36	25
	6+12+6	37	6	10	27	11	15	1.4	0.33	30
LightBridge™ LuminaCloud™	4+12+4	80	12	13	54	27	49	1.4	0.60	20
	6+12+6	79	12	13	51	24	43	1.4	0.57	30
	8+12+8	77	12	12	46	20	40	1.4	0.53	35
LightBridge™ LuminaCloud™ Grey	4+12+4	50	7	11	35	15	23	1.4	0.41	20
	6+12+6	37	6	10	27	11	15	1.4	0.33	30
Viridian LightBridge™ S1										
LightBridge™ Clear S1	6.38+12+4	79	12	13	49	21	<1	1.4	0.55	25.4
	6.38+12+5	79	12	13	48	21	<1	1.4	0.55	27.9
	6.38+12+6	79	12	13	48	21	<1	1.4	0.55	30.4
	8.38+12+8	78	12	13	47	20	<1	1.4	0.54	40.4
LightBridge™ Neutral S1	6.38+12+4	53	8	11	36	16	<1	1.4	0.42	25.4
	6.38+12+5	53	8	11	35	16	<1	1.4	0.42	27.9
	6.38+12+6	52	8	11	35	16	<1	1.4	0.42	30.4
	8.38+12+8	52	8	11	34	15	<1	1.4	0.41	40.4
LightBridge™ Grey S1	6.38+12+4	38	6	10	29	14	<1	1.4	0.35	25.4
	6.38+12+5	38	6	10	28	14	<1	1.4	0.35	27.9
	6.38+12+6	38	6	10	28	14	<1	1.4	0.35	30.4
	8.38+12+8	37	6	10	27	14	<1	1.4	0.35	40.4
LightBridge™ LuminaMist™ S1	6.38+12+4	61	9	11	39	16	<1	1.4	0.46	25.4
	6.38+12+5	61	9	11	39	17	<1	1.4	0.45	27.9
	6.38+12+6	61	9	11	39	16	<1	1.4	0.45	30.4
	8.38+12+8	60	9	11	38	16	<1	1.4	0.45	40.4
LightBridge™ LuminaMist™ Grey S1	6.38+12+4	29	6	10	23	11	<1	1.4	0.30	25.4
	6.38+12+5	29	6	10	23	11	<1	1.4	0.30	27.9
	6.38+12+6	29	6	10	23	11	<1	1.4	0.30	30.4
	8.38+12+8	29	6	10	22	11	<1	1.4	0.30	40.4
Viridian LightBridge™ S2										
LightBridge™ Clear S2	6.5+12+4	79	12	13	49	20	<1	1.4	0.54	25.5
	6.5+12+5	79	12	13	48	20	<1	1.4	0.54	28
	6.5+12+6	78	12	13	48	20	<1	1.4	0.54	30.5
	8.5+12+8	78	12	12	46	19	<1	1.4	0.54	40.5
LightBridge™ Neutral S2	6.88+12+4	53	8	11	35	15	<1	1.4	0.41	25.4
	6.88+12+5	53	8	11	35	15	<1	1.4	0.41	28.4
	6.88+12+6	52	8	11	34	15	<1	1.4	0.41	30.9
	8.88+12+8	52	8	11	33	14	<1	1.4	0.41	40.9
LightBridge™ Grey S2	6.88+12+4	38	6	10	28	13	<1	1.4	0.35	25.4
	6.88+12+5	38	6	10	28	13	<1	1.4	0.35	28.4
	6.88+12+6	38	6	10	28	13	<1	1.4	0.35	30.9
	8.88+12+8	37	6	10	27	13	<1	1.4	0.35	40.9

Notes

The assembly of this product is protected
 Typical measured values of Viridian production are provided
 All performance data is determined using LBL window 7.5 software, NFRC 100 - 2010 conditions have been used.

✓ Product name	Glass surfaces are counted from the exterior to the interior of the building.
✓ Nominal Thickness	The glass thickness or the makeup of a Viridian LightBridge™ unit. The first number is the outer glass thickness, + 12 is the width of the gap, then the thickness of the inner panel of the unit.
✓ Visible Light Transmission	Percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.
✓ Visible Light Reflection	Percentage of visible light reflected toward the exterior.
✓ Solar Transmission	Percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.
✓ Solar Reflection	Percentage of normally incident visible light and solar energy reflected toward the exterior.
✓ UV Transmission	The percentage of UV light transmitted measured in the light range of 300-380nm. The lower the number the better.
✓ U Factor	Measurement unit is watts per m2 per degree celcius (W/m2°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.
✓ SHGC (Solar Heat Gain Coefficient)	The proportion of total solar radiation that is transferred through the glass at normal incidence, it comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.

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