



Lumira
aerogel

Lexan* Tough
Polycarbonate Sheet Virtually
Unbreakable

* Trademark of SABIC Innovative Plastics LLC

Sabic Innovative Plastics proprietary and confidential data. Typical properties based on Lexan™ Thermoclear™ products.

		Wt. lbs/sqft	Insulation		Clear		
			U Value	R Value	LT %	SHGC	Haze %
10 mm 2 wall	Standard	0.35	0.52	1.92	80	0.80	
	w/ Lumira®	0.50	0.33	3.03	64	0.64	95
16 mm* 3 wall	Standard	0.57	0.40	2.50	74	0.65	
	w/ Lumira®	0.80	.26*	3.85	52*	0.57*	98
25mm* 3 wall	Standard	0.67	0.34	2.94	72	0.65	
	w/ Lumira®	0.90	.16*	6.25	49*	0.54*	100
40mm* Thermoclick™	Standard	0.82	0.22	4.54	59	0.64	77
	w/ Lumira®	1.03	0.1*	10.00	38*	0.42*	100

* Bolded values have been verified through NFRC compliant third party testing.
All other values based off ASTM Test, ISO Simulations or extrapolated data.



For more information on Lumira® aerogel,
please visit our website at www.lumiradaylighting.com.



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