



LightBasic™

PERFORMANCE DATA & TESTING

Property	Test Standard	Property	Test Standard
Impact Strength	UL 972	Smoke Density and Flame Spread	ASTM E84
Haze Factor	ASTM D1003	Air Infiltration	ASTM E283
Diffused Light Transmission	ASTM D1494	Structural Performance	ASTM E330
Ignition Temperature	ASTM D1929	Water Penetration	ASTM E331
Weathering/Delta E	ASTM D2244	Water Penetration	ASTM E547
Taber Abrasion	ASTM D4060		

LightBasic™ Systems	Exterior Sheet Color / Interior Sheet Color			
	Crystal/ Crystal	Crystal/ White	White/ Crystal	White/ White
CENTER OF PANEL U-FACTOR¹				
No Insulation	0.48			
Insul 24	0.20			
Insul 15	0.17			
SYSTEM U-FACTOR²		WALL SYSTEMS		SKYLIGHTS (STANDARD/T.B.)
No Insulation	0.60		0.63 / 0.60	
Insul 24	0.32		0.38 / 0.35	
Insul 15	0.29		0.34 / 0.32	
LIGHT TRANSMISSION³				
No Insulation (%)	75	51	65	45
Insul 24 (%)	51	38	46	34
Insul 15 (%)	40	31	36	28
SOLAR HEAT GAIN COEFFICIENT⁴				
No Insulation	0.50	0.36	0.38	0.23
Insul 24	0.23	0.20	0.21	0.14
Insul 15	0.21	0.18	0.20	0.13
CRF ⁵	Glazing - 83 / Wall Frame - 56 / Skylight Frame - 69			
UV TRANSMITTANCE	<.01			

¹ For glazing comparisons only

² Wall system U-factor values estimated using NFRC 100-2010 methods and standards. System U-factor values for skylights are for comparative analysis and are estimated using NFRC 100-2010 methods and standards.

³ Determined and estimated in accordance with ASTM D1494-97 standards.

⁴ SHGC values estimated using NFRC 200-2010 methods and standards.

⁵ CRF values estimated by test data calculation and may vary with structural requirements.

*Major Industries reserves the right to improve products without notice as the result of ongoing R&D and/or third party compliance. ©2022



SKYLIGHTS, CANOPIES & TRANSLUCENT WALL SYSTEMS

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LightBasic™

VALUE-ENGINEERED TRANSLUCENT WALLS AND SELF-FLASHING SKYLIGHTS

DEPENDABLE DAYLIGHTING FOR ANY BUDGET

LightBasic™ translucent panel wall systems and Quick Ship™ skylights from Major Industries are the perfect balance of simplicity and performance, delivering outstanding sun control at an economical price.



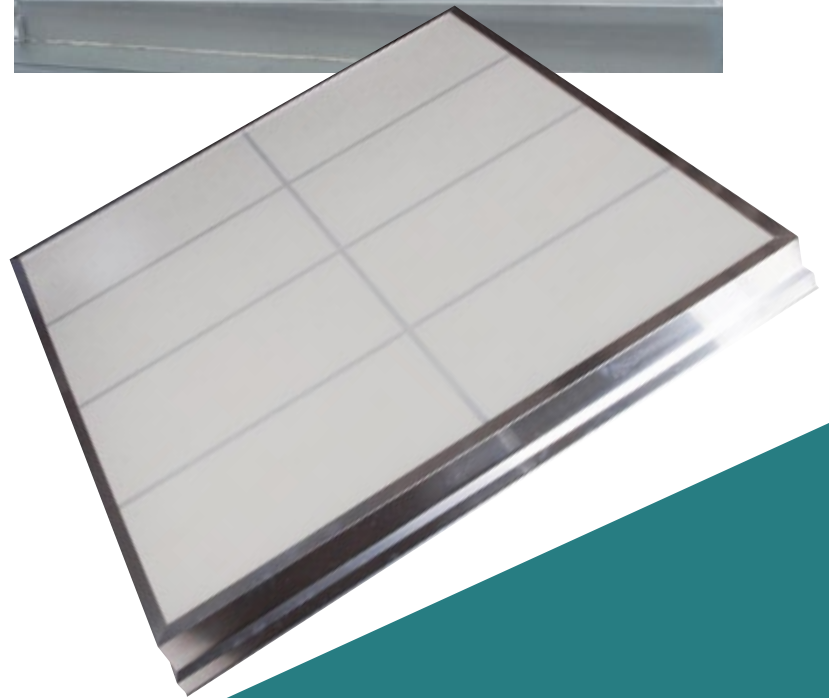
What makes LightBasic™ different from other translucent panel systems? LightBasic™ offers a simplified framing system and a tough and durable fiberglass face sheet. It's a unique combination that's aimed at budget-conscious buyers who demand a translucent daylighting system that will hold up under a variety of conditions.

Perfectly suited for school facilities, warehouses, manufacturing centers and other locations where glare-free light is instrumental to occupant performance and comfort, LightBasic™ translucent panel systems are a good fit for both new and retrofit construction and can be custom-designed to fit your specific needs and requirements.



FEATURES & BENEFITS

- Available in custom wall and pre-engineered skylight configurations
- Systems available in 2 3/4" thick panels, with panel sizes up to 5' x 20'
- LightBasic™ Quick Ship™ skylights are available in pre-engineered sizes from 4' x 4' to 5' x 20'
- Grid layout options include In-line Shoji, Staggered Shoji and Tuckerman patterns (skylights available with In-line Shoji pattern only)
- Two available translucent insulation options for enhanced thermal performance
- Two standard sheet colors available – White and Crystal
- 5 year color change and 10 year fiberbloom warranties standard
- Optional thermally broken framing for enhanced performance in severe climates



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