



U-Lite™ Product Data Sheet

Low Slope Canopies with Monolithic Standing Seam Glazing

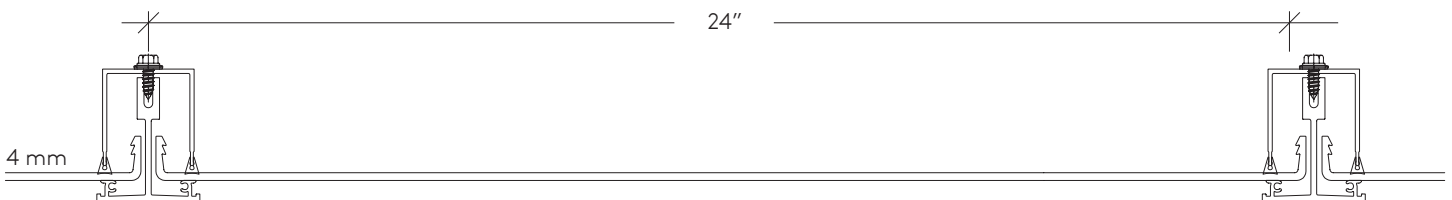
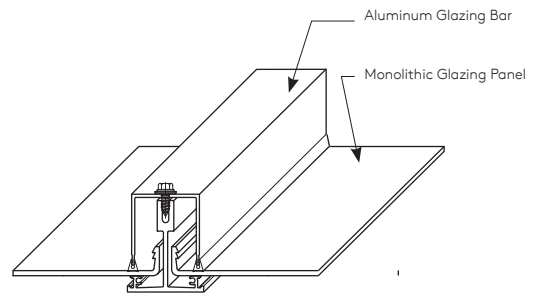


Product Specifications



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Glazing	U-Lite™ monolithic polycarbonate
Thickness:	4 mm
Panel Width:	2 ft nominal (23 5/8 in) (600 mm)
Length:	Up to 19 1/2 ft long
Panel Weight:	0.98 lbs/ft ²
Panel Joint:	Mechanical connection
Color Options:	Recommended - white, ice white, refl. gray Also available - blue, green, bronze, clear Note: consult for other available color options



Testing/Performance

An Economical Alternative to Glass Canopies

The elegant, slim profile of the glazing panels gives the U-Lite™ system the sleek look offered by glass without the high price tag. Glass systems are often cost prohibitive and require a more complicated installation. The simplicity of the U-Lite™ system and the lightweight nature of the materials enable the system to be installed quickly and with ease. The glazing material is inherently flexible and will not shatter upon high impact. The extreme durability of the U-Lite™ glazing panel helps to ensure the longevity of the system, helping reduce future costs.

Flexible design options to enhance your canopy design

- The system is designed without a perimeter frame, resulting in an exposed “floating” edge that gives the system a sleek, contemporary look; optional enclosed edge is available
- Glazing panels come in a wide range of colors and both translucent and transparent glazing options are available – many of which provide a similar appearance to glass
- Can accommodate both standard or flared end designs



Test Description	Test Procedure	Results & Comments
Ignition Temperature, Smoke Density, and Combustibility Classification	ASTM D635, D1929, D2843, E84	Complies with Ignition Temperature and Smoke Density defined in IBC Section 2606.4. Combustibility Class: CC1. Class A Interior Flame Spread. See ICC-ESR-1893 for full details.
Uniform Load Structural / Span	ASTM E330	Span: 5 ft. to 8 ft. NOTE: PROJECT SPECIFIC SPANS MUST BE CALCULATED USING PROJECT SPECIFIC VARIABLES
High Velocity Hurricane Zone (HVHZ)	TAS 202, 203	Span 5 ft. to 8 ft., Up to 105 psf *Consult KLA for job specific span capabilities
Concentrated Load 1 sqf Area	(OSHA) 29 CFR Section 1910.23(e) (8)	No Damage 800 lbs

*Spanning capabilities are dependent on project specific design loads, which are determined based on several different factors, including location on the building, height above ground, wind speed, etc.

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