

NEULITE DOORS





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NEULITE DOORS

Neulite Doors are the affordable solution for high-quality fiberglass patio doors. Each Neulite Door is crafted from the highest quality composite fiberglass with Hydroshield Technology creating the best combination of performance, durability, security and appearance.

Neulite Doors allow the flexibility to build the door unit with the sill appropriate to the specific application. The easily assembled full composite frame provides a long-lasting solution that requires little maintenance and will never rust, dent, split or rot. Neulite Doors and frames are precision manufactured and designed to work together to provide complete protection against the elements.

Neulite Doors enable you to meet a wide variety of design preferences through a thoughtful collection of glass and SDL options. The direct glazed panels feature shaker style square edge glazing beads, offering a classic touch to this modern door.

Designer SDL Kits, available in an array of configurations, are easy to install and offer a quick way to transform and customize the look of the door. Whether the architectural style is craftsman, transitional or modern, a Neulite Door is the perfect complement.

Neulite Doors allow you to leverage existing relationships with hardware suppliers and give your customers access to infinite hardware choices. A full-length lock block in each side of the door panel offers versatility for the use of a single or multi-point lock with either right or left handing.

Neulite Doors ensure a lifetime of dependability through a tightly controlled comprehensive approach to production. Neulite Doors are backed by the strength and expertise of Nan Ya Plastics Corp. USA, the industry leader in quality and innovative design of fiberglass doors. Nan Ya Plastics has been awarded with ISO 9001 and ISO 14001 certifications, which represent internationally recognized sets of standards in quality and environmental management systems. With extensive experience in creative design and production technology, quality control is built into each step of production.



STANDARD FEATURES

- Direct glazed fiberglass 1-lite door panels
- The glazing bead is a continuous piece of the fiberglass door panel for superior weather resistance and impact performance
- Square edge direct glazing beads for a classic Shaker look and easy application SDL bars
- Top rail reinforced for closer application
- Full length lock block for standard or multipoint lock application
- 10" bottom rail for ADA applications
- Brushed white texture on the interior and exterior surface that can be painted for a smooth modern look or stained for a fir grain look
- Protective film included on all direct glazed panels to prevent scratches and provide protection during paint and stain application
- Full composite jambs are available in 4-9/16" and 6-9/16" net jamb dimensions.
- Other components such as brickmolds/astragals/ T-Mullions are also available.



Hydroshield Protection

Crafted with Hydroshield Technology, every Neulite Door contains the best combination of performance, durability, security and appearance.

Neulite Patio Doors are precision engineered to provide protection against water infiltration. The specially engineered composite material will not absorb water, performing better than wood or metal doors.



- Stainable White Brushed Smooth
- Square edge bead shaker look, easy for applying SDL





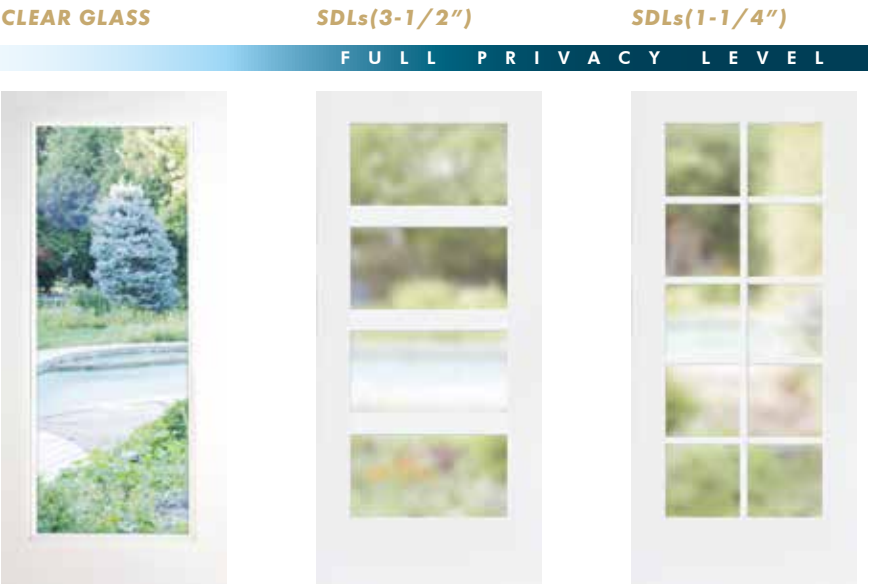
TEXTURED GLASS OPTION

Neulite Doors can be perfectly fitted with your choice of our textured glass options to meet your style and privacy needs, allowing for complete customization of your home’s entryway.

Create a modern door design with translucent glass. A popular choice for its even texture, translucent glass creates a space infused with natural light without compromising privacy. Translucent glass doors add a touch of contemporary style to any home.

*Translucent & Translucent Impact
Chord & Chord Impact*

Chord glass features vertical cascading lines to create a visually dynamic addition to any entryway. This textured glass option is perfect for adding visual interest and brightening the space. This delicate textured glass lets in natural light yet offers the privacy that you desire.



1 Wider Daylight & View

On a 3'0 width door, Neulite provides 19% more daylight than a traditional doorlite frame insert.

2 ENERGY STAR Certified

As part of a energy efficient home, Energy Star certified doors help reduce your energy use.

3 Sound Reduction

Neulite triple glaze laminated glass option obtains a STC rating of 38db.

4 Impact Designed

Neulite Impact doors are available and tested with all triple glazed laminated textured glass options, and are certified for FBC and FBC-HVHZ.



SIMULATED DIVIDED LITE (SDL) OPTIONS

Simulated Divided Lites allow you to create the classic look and feel of a true divided lite door. 100% composite SDL bars are fixed directly to the glass and can be ordered with or without Grilles Between the Glass. Neulite SDL bars have a shaker style square edge and come in a smooth finish to match the door's finish.

1-1/4" SDL bars can be used to create a traditional styled divided lite door. These narrow bars create a timeless classic style divided lite appearance.

3-1/2" SDL bars offer a more modern take on divided lite doors. These wider bars can be used to create beautiful divided lite patterns with a more contemporary design that compliments any home. 3-1/2" SDLs are available in 4 lite (6/8 doors) and 5 lite (8/0 doors) with Translucent Glass as in stock program.

1-1/4" GRID



3-1/2" GRID



Design your own SDL patterns with SDL Designer Kits

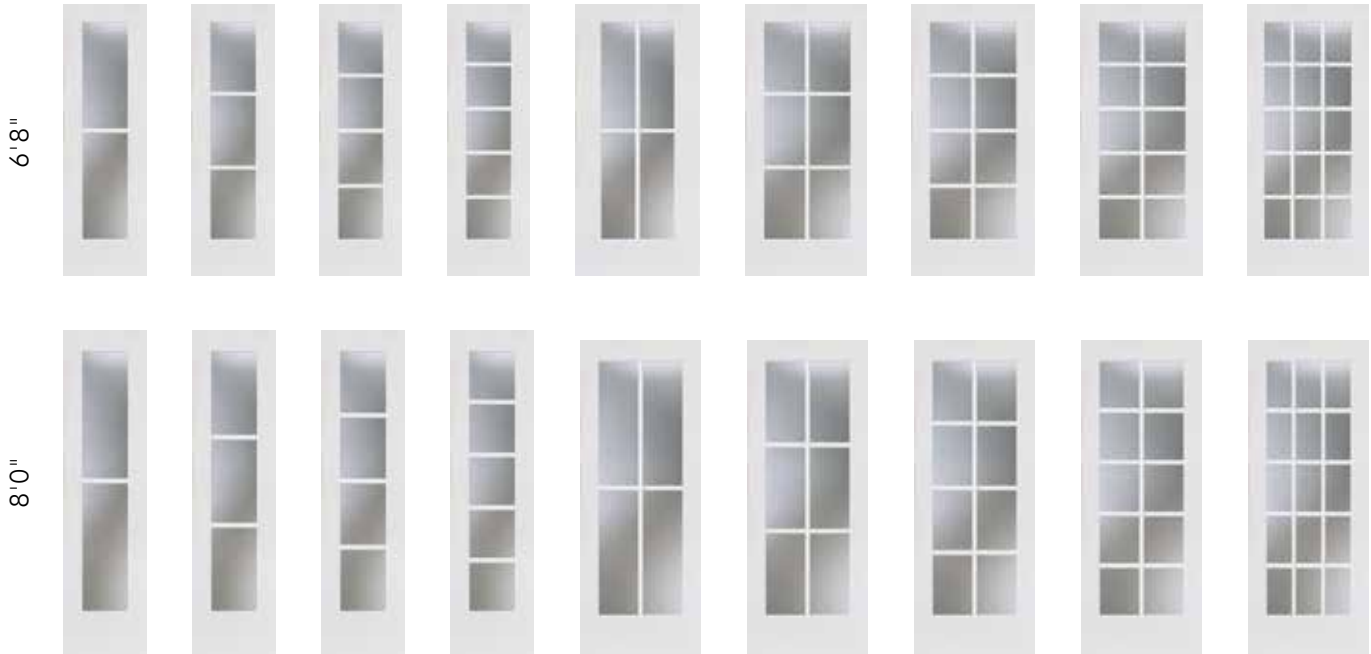
1-1/4" SDL's AVAILABLE IN KITS AND LINEAR PROFILES

3-1/2" SDL's AVAILABLE IN KITS

All other factory applied SDL bars will be available through special order.

FULL LITE SDL DESIGNS

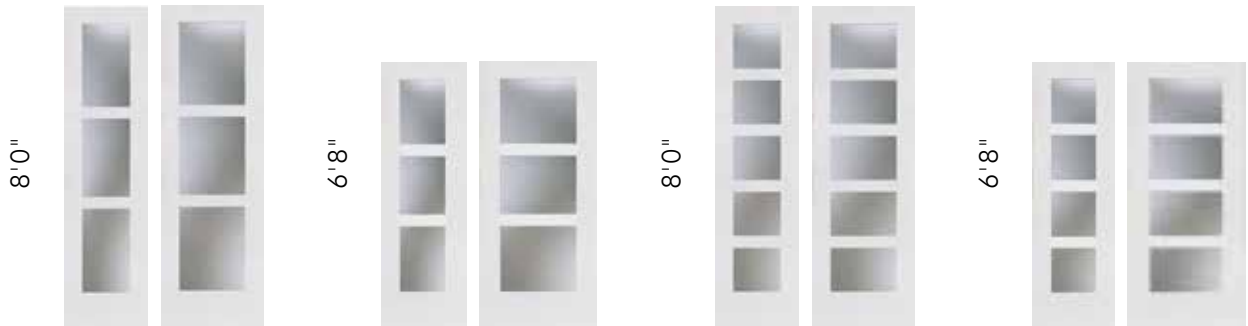
TRADITIONAL 1-1/4" SDL



CRAFTSMAN 1-1/4" SDL



CONTEMPORARY 3-1/2" SDL



3/4 LITE SDL DESIGNS

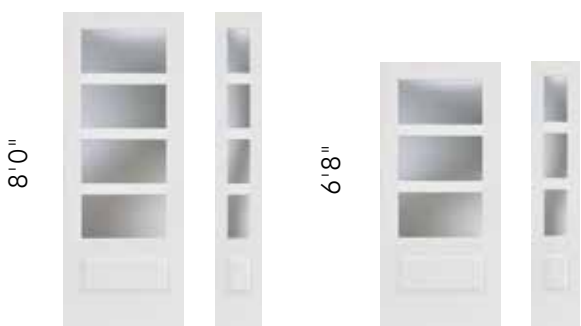
TRADITIONAL 1-1/4" SDL



CRAFTSMAN 1-1/4" SDL



8'0" 3-1/2" SDL





MINI BLINDS OPTIONS

(LoE Non Impact/LoE Impact HVHZ Tested)

The Blinds Between the Glass option is built with LoE glass that improves the energy efficiency of the door. The operator control system provides raise, lower AND tilt options in a sleek operator design.

CLEANLINESS

The blinds are protected within the glass, as a result, there is no accumulation of dust or allergens on the blinds. In addition, the glass is easy to clean without the need to move the blinds out of the way.

IMPACT MINIBLIND

Neulite Doors currently is the only door company with a flush glazed LoE miniblind door system. The blinds are assembled with a laminated layer for complete impact resistant and also a LoE layer for energy efficient.

SAFETY

The cordless design provides maximum safety protection for children and pets against entanglement.

PRIVACY AND LIGHT CONTROL

Stay in control with the ability to raise, lower and tilt the blinds at the touch of a finger. With blinds between glass, you have the flexibility to adjust the blinds to your desired level of privacy and sunlight. Raise the blinds completely for maximum sunlight and an unobstructed view or close them completely for privacy.

DURABILITY

Blinds stay protected from damage behind the glass and away from curious little fingers and paws.



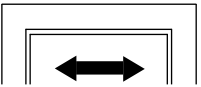
1 Impact Designed

Neulite Impact doors are available and tested with all triple glazed laminated textured glass options, and are certified for FBC and FBC-HVHZ.



2 Sound Reduction

Neulite triple glaze laminated glass option obtains a STC rating of 38db.



3 Wider Daylight & View

On a 3'0 width door, Neulite provides 19% more daylight than a traditional doorlite frame insert.












4 No Screws and caps

Neulite eliminates the need for a lite frame and provides a high-performance weather seal. In addition, no more hassle with screws and caps.



FULL LITE AVAILABLE SIZES and GLASS OPTIONS

Panel Code	A4P	A2P-908	A2P-857	AAP	A3P	A8P	ACP		
6/8 Height									

Door Size	3/0x6/8	3/0x6/8	2/10x6/8	2/8x6/8	2/6x6/8	2/0x6/8	1/2x6/8	1/0x6/8	10"x6/8
Glass Size & Options	26x64	22x64	22x64	22x64	20x64	14x64	7.5"x64		
LoE Clear	○	○	○	○	○	○	○	○	○
LoE Clear Impact	○	○	○	○	○	○	○	○	○
LoE Miniblinds	○	○	○	○	○	○	○	○	○
LoE Impact Miniblinds	○	○	○	○	○	○	○	○	○
LoE Translucent	○	○	○	○	○	○	○	○	○
LoE Chord	○	○	○	○	○	○	○	○	○
LoE Translucent Impact	○	○	○	○	○	○	○	○	○
LoE Chord Impact	★	★	★	★	★	★	★	★	★
Clear Glass	★	★	★	★	★	★	★	★	★
LoE GBG Options	★	★	★	★	★	★	★	★	★
Clear Miniblinds	★	★	★	★	★	★	★	★	★
LoE Curtain Blinds	★	★	★	★	★	★	★	★	★

Panel Code	A7P	A5P-908	A2P-857	ABP	A6P	A9P	ADP		
8/0 Height									

Door Size	3/0x8/0	3/0x8/0	2/10x8/0	2/8x8/0	2/6x8/0	2/0x8/0	1/2x8/0	1/0x8/0	10"x8/0
Glass Size & Options	26x80	22x80	22x80	22x80	20x80	14x80	7.5"x80		
LoE Clear	○	○	○	○	○	○	○	○	○
LoE Clear Impact	○	○	○	○	○	○	○	○	○
LoE Miniblinds	○	○	○	○	○	○	○	○	○
LoE Impact Miniblinds	○	○	○	○	○	○	○	○	○
LoE Translucent	○	○	○	○	○	○	○	○	○
LoE Chord	○	○	○	○	○	○	○	○	○
LoE Translucent Impact	○	○	○	○	○	○	○	○	○
LoE Chord Impact	★	★	★	★	★	★	★	★	★
Clear Glass	★	★	★	★	★	★	★	★	★
LoE GBG Options	★	★	★	★	★	★	★	★	★
Clear Miniblinds	★	★	★	★	★	★	★	★	★
LoE Curtain Blinds	★	★	★	★	★	★	★	★	★

○ In Stock Items

★ Special orders



3/4 LITE AVAILABLE SIZES and GLASS OPTIONS

Panel Code	B4P	BAP-857	BAP-806	B3P	BCP		
6/8 Height							

Door Size	3/0x6/8	2/10x6/8	2/8x6/8	2/6x6/8	1/2x6/8	1/0x6/8	10"x6/8
Glass Size & Options	26x48	22x48	22x48	20x48	7.5"x48		
LoE Clear	○	○	○	○	○	○	○
LoE Clear Impact	○	○	○	○	○	○	○
LoE Miniblinds	○	○	○	○	○	○	○
LoE Impact Miniblinds	★	★	★	★	★	★	★
LoE Translucent	○	○	○	○	○	○	○
LoE Chord	○	○	○	○	○	○	○
LoE Translucent Impact	○	○	○	○	○	○	○
LoE Chord Impact	★	★	★	★	★	★	★
Clear Glass	★	★	★	★	★	★	★
LoE GBG Options	★	★	★	★	★	★	★
Clear Miniblinds	★	★	★	★	★	★	★
LoE Curtain Blinds	★	★	★	★	★	★	★

Panel Code	B7P	BBP-857	BBP-806	B6P	BDP		
8/0 Height							

Door Size	3/0x8/0	2/10x8/0	2/8x8/0	2/6x8/0	1/2x8/0	1/0x8/0	10"x8/0
Glass Size & Options	26x64	22x64	22x64	20x64	7.5"x64		
LoE Clear	○	○	○	○	○	○	○
LoE Clear Impact	○	○	○	○	○	○	○
LoE Miniblinds	○	○	○	○	○	○	○
LoE Impact Miniblinds	★	★	★	★	★	★	★
LoE Translucent	○	○	○	○	○	○	○
LoE Chord	○	○	○	○	○	○	○
LoE Translucent Impact	○	○	○	○	○	○	○
LoE Chord Impact	★	★	★	★	★	★	★
Clear Glass	★	★	★	★	★	★	★
LoE GBG Options	★	★	★	★	★	★	★
Clear Miniblinds	★	★	★	★	★	★	★
LoE Curtain Blinds	★	★	★	★	★	★	★

○ In Stock Items

★ Special orders

FULL COMPOSITE FRAME SYSTEM

- Only Neulite provides the complete 100% composite Hydroschild door frame system.
- Door Frame: Full composite door frame with optional brickmold is available with a smooth finish as well as a wood-grain finish that can be stained to perfectly match your door.
 - Aluminum Composite Sill: The Neulite full composite frame includes a composite sill system that protects the door against moisture and water penetration.
 - Astragal: Double door units include a composite astragal that perfectly matches the door.



- | | | |
|---|---|--|
| 1 DOOR FRAME | 4 HINGES | 6 GLASS |
| 2 ASTRAGAL | 5 MULTI-POINT LOCKING SYSTEM (RECOMMENDED) | LoE Clear/LoE Clear Impact |
| 3 COMPOSITE SILL | | LoE Miniblinds/Impact Miniblinds |
| <small>* Also available with ADA Sill</small> | | LoE Translucent/LoE Impact Miniblinds |

Select and build your own HINGED UNIT

Full Lite Option
For maximum glass viewing area.

3/4 Lite Option
For added architecture detail.



TIFFANY SERIES



ROYAL SERIES



Hardware Options



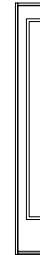

















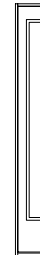















HPVD (High Physical Vapor Deposition) coated handle sets are available in the Royal Style handle sets are available in the Royal Style handle set in Gold Brass or Satin Nickel colors. The HPVD coating provides additional protection in brush environments. HPVD coating requires proper maintenance.

Standard Hinged Hardware

Single Point Lock Systems for 6'8" and 8'0" doors.
Multi Point Lock Systems for 8'0" doors.
Handle Sets are available in your choice of color and style.

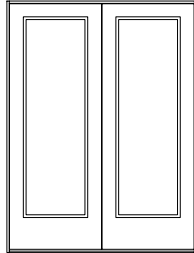
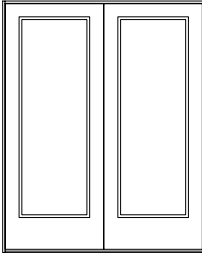
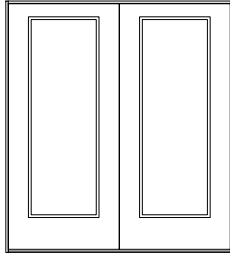
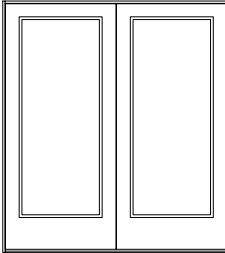
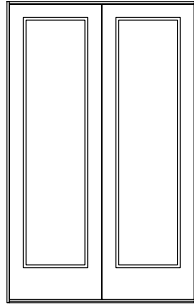
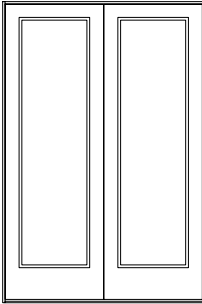
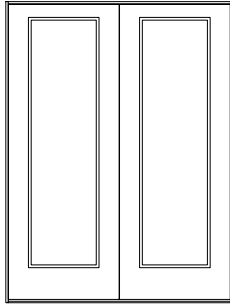
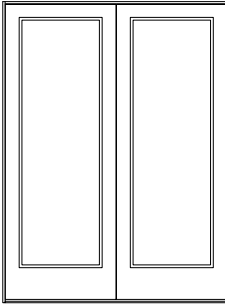
UNIT DIMENSIONS

NEULITE 1-LITE SINGLE PANEL

Unit Dim.	11 3/8"	1'-1 3/8"	1'-3 3/8"	2'-1 3/8"	2'-7 3/8"	2'-9 3/8"	3'-0 3/8"	3'-1 3/8"	3'-1 3/8"								
Panel Dim.	9 7/8"	11 7/8"	13 7/8"	23 3/4"	29 3/4"	31 3/4"	33 3/4"	35 3/4"	35 3/4"								
Glass Dim.	7 1/2"	7 1/2"	7 1/2"	14"	20"	22"	22"	22"	26"								
Standard Sill	ADA Sill																
6'-9 3/16"	6'-8 13/16"																
79 1/4"	64"																
OUTSWING																	
																	
10" x 6/8 ACP																	
																	
1/0" x 6/8 ACP																	
																	
1/2" x 6/8 ACP																	
																	
2/0" x 6/8 A8P																	
																	
2/6" x 6/8 A3P																	
																	
2/8" x 6/8 AAP																	
																	
2/10" x 6/8 A2P-857																	
																	
3/0" x 6/8 A2P-908																	
																	
3/0" x 6/8 A4P																	
																	
10" x 8/0 ADP																	
																	
1/0" x 8/0 ADP																	
																	
1/2" x 8/0 ADP																	
																	
2/0" x 8/0 A9P																	
																	
2/6" x 8/0 A6P																	
																	
2/8" x 8/0 ABP																	
																	
2/10" x 8/0 A2P-857																	
																	
3/0" x 8/0 A5P-908																	
																	
3/0" x 8/0 A7P																	
INSWING																	
																	
10" x 6/8 ACP																	
																	
1/0" x 6/8 ACP																	
																	
1/2" x 6/8 ACP																	
																	
2/0" x 6/8 A8P																	
																	
2/6" x 6/8 A3P																	
																	
2/8" x 6/8 AAP																	
																	
2/10" x 6/8 A2P-857																	
																	
3/0" x 6/8 A2P-908																	
																	
3/0" x 6/8 A4P																	
																	
10" x 8/0 ADP																	
																	
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1/2" x 8/0 ADP																	
																	
2/0" x 8/0 A9P																	
																	
2/6" x 8/0 A6P																	
																	
2/8" x 8/0 ABP																	
																	
2/10" x 8/0 A2P-857																	
																	
3/0" x 8/0 A5P-908																	
																	
3/0" x 8/0 A7P																	
8'-2 7/16"	8'-1"																
95 1/4"	80"																
6'-10 7/16"	6'-9"																
79 1/4"	64"																

UNIT DIMENSIONS

NEULITE 1-LITE TWO PANEL UNITS

Standard Sill	ADA Sill	Unit Dim.	5'-1 1/4"	5'-5 1/4"	5'-9 1/4"	6'-1 1/4"		
		Panel Dim.	29 3/4"	31 3/4"	35 3/4"	35 3/4"		
		Glass Dim.	20"	22"	22"	26"		
6'-9 3/16"	6'-8 13/16"							
79 1/4"	64"							
OUTSWING								
								
5/0 x 6/8 A3P			5/4 x 6/8 AAP		5/8 x 6/8 A2P-857		6/0 x 6/8 A4P	
								
5/0 x 8/0 A6P			5/4 x 8/0 ABP		5/8 x 8/0 A5P-857		6/0 x 8/0 A7P	
8'-13/16"			8'-0 13/16"		8'-0 13/16"		8'-0 13/16"	
8'-1"			79 1/4"		79 1/4"		79 1/4"	
80"			80"		80"		80"	
6'-10 7/16"			6'-9"		6'-9"		6'-9"	
79 1/4"			79 1/4"		79 1/4"		79 1/4"	
64"			64"		64"		64"	
OUTSWING			OUTSWING		OUTSWING		OUTSWING	
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UNIT DIMENSIONS

NEULITE 3/4-LITE SINGLE PANEL

Unit Dim.	Standard Sill						
	ADA Sill						
	Panel Dim.						
Glass Dim.	7 1/2"						
	7 1/2"						
OUTSWING							
INSWING							

UNIT DIMENSIONS

NEULITE 3/4-LITE TWO PANEL UNITS

Unit Dim.	Standard Sill			
	ADA Sill			
	Panel Dim.			
Glass Dim.	20"			
	22"			
OUTSWING				
INSWING				

NEULITE TEST RESULTS

Hinged Non-Impact Testing Results										
Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft2)	Test Standard	F.B.C. Approval No.
Inswing SLPS (OXXO)	120611 (146 7/16" x 82 7/16")	Non-impact	Direct Glass	Double Bore	DP50	+75/-75	6	0.02	AAMA A440-11	FL 28093.4(R2)
Inswing SLPS (OXXO)	12080 (146 7/16" x 98 7/16")	Non-impact	Direct Glass	Double Bore	DP30	+67.5/-75	4.65	0.01	AAMA A440-11	FL 28093.7(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Non-impact	Direct Glass	Double Bore	DP45	+75/-67.5	7.5	0.01	AAMA A440-11	FL 28093.10(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Non-impact	Direct Glass	Multi-Lock	DP60	+90/-90	9	0.01	AAMA A440-11	FL 28093.9(R2)

Hinged Impact Testing Results										
Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft2)	Test Standard	F.B.C. Approval No.
Inswing SLPS (OXXO)	120611 (146 7/16" x 82 7/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	6	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.3(R2)
Inswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP30	+75/-75	4.65	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.5(R2)
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.6(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 29714.1(R2)
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (HVHZ)	Direct Glass	Multi-Lock	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 28095.1(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Glass	Multi-Lock	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 28095.2(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 29714.2(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Bead (Open)	Double Bore	DP50	+75/-75	7.5	0.02	TAS 201 TAS 202 TAS 203	FL 29714.2(R2)

Gliding Non-Impact Testing Results										
Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft2)	Test Standard	F.B.C. Approval No.
Gliding LS (XO)	6068 (71 1/4" x 79 1/2")	Non-impact	Direct Glass	Single Lock	DP50	+75/-75	7.5	0.01	AAMA A440-11	FL 28286.1

NEULITE TEST RESULTS

U-Value NFRC			
Product Specification	U-factor	SHGC	VT
LoE272	0.27	0.17	0.28
Impact LoE366	0.25	0.11	0.24
LoE Pattern Glass Triple Glaze (Translucent/Chord/Clear)	0.26	0.26	0.27
Impact LoE Pattern Glass Triple Glaze (Translucent/Chord/Clear)	0.27	0.24	0.27
Single LoE miniblinds	0.32	0.24	0.25
Double LoE miniblinds	0.29	0.21	0.22
Impact Single LoE miniblinds	0.31	0.19	0.25

Hinged Sound Transmission Class				
Product Specification	Glass Specification	Unit Type	STC	OITC
3068 Outswing 0.09" Skin Core: wood/silica	1" Standard Laminated Impact Glass	Inoperable	37	31
		Operable	36	30
3080 Outswing 0.09" Skin Core: wood	1" Glass 5.7mm/13.0/3mm-0.03"PVB-3mm	Inoperable	41	32
		Operable (Pemko S44 Seal)	40	32
		Operable	38	32
3080 Outswing 0.075" Skin Core: wood	1" 3 Layer Matte Laminated Impact Glass	Inoperable	39	33
		Operable (Pemko S44 Seal)	38	32
		Operable	37	32
3068 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	31	26
		Operable (Pemko S44 Seal)	31	25
		Operable	30	25
3068 Outswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	30	25
		Operable (Pemko S44 Seal)	30	25
		Operable	29	25
3080 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Mini-Blind Glass	Inoperable	33	28
		Operable (Pemko S44 Seal)	32	28
		Operable	31	28
3080 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	31	25
		Operable (Pemko S44 Seal)	30	24
		Operable	30	24
3068 Inswing 0.075" Skin Core: wood	1" Glass 5.7mm/13.0/3mm-0.03"PVB-3mm	Inoperable	38	31
		Operable (Pemko S44 Seal)	36	30
		Operable	36	29
3068 Outswing 0.075" Skin Core: wood	1" Glass 5.7mm/13.0/3mm-0.03"PVB-3mm	Inoperable	37	30
		Operable (Pemko S44 Seal)	36	29
		Operable	34	29
3080 Outswing 0.075" Skin Core: wood	1" Impact Mini-Blind Glass	Inoperable	37	30
		Operable (Pemko S44 Seal)	37	30
		Operable	35	29



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