

# PRELUDE® XL MAX® Exposed Tee System



LEED® WELL LBC

energy management

construction waste mgmt

regional materials

design for flexibility

EPD

recyclable/extended producer resp.

biobased materials

recycled content

sourcing of raw materials

material ingredient reporting

low emitting materials

lighting quality

acoustics

30% RECYCLED CONTENT

✓

✓

✓

✓

✓

✓

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✓

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✓

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Calculate sustainability with Ecomedes

armstrongceilings.com/ecomedes

LOCATIONS DEPENDENT

Well Building Standard™ (WELL) Living Building Challenge® (LBC)



Prelude XL Max with Ultima® (item 1927) ceiling panels

This suspension system is designed to offer maximum air flow management, load-carrying capacity, and adaptability in data center applications.

## KEY SELECTION ATTRIBUTES

### Prelude® XL Max® 15/16" Suspension System

- 24" x 24" and 24" x 48" suspension system supports point loads up to 300 lbs. using 3/8" threaded rod and integrated hanging clips to provide:
  - Flexible and reconfigurable overhead cable tray and electrical distribution to meet client needs without a separate strut channel system
  - Eliminates unsightly threaded rod penetrations through the ceiling plane for improved access and aesthetics
  - Reduced ceiling penetrations help minimize unwanted air infiltration
- Prelude® XL Max® is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning)
- Suspension system meets ASTM C635, ASTM C636, ASTM E580, ICC-ES AC156 with Seismic D, E, F available
- 30-Year Limited System Warranty

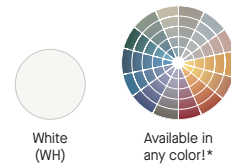
- Standard 24" x 24" and 24" x 48" grid layouts allow for use of standard size lighting and specially sized Prelude XL Max ceiling tile options
- For custom layout information and technical guidelines, contact TechLine customer support at 877 276-7876.

## TYPICAL APPLICATIONS

- Data Centers
- Laboratories
- Hospitals
- Industrial Warehouses/ Distribution Centers
- Retail/Convenience Stores

## COLORS

Due to printing limitations, shade may vary from actual product.



\*Colors that are pre-qualified to meet Sustain™ portfolio requirements are available upon request. Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.

White is standard color for main beams and cross tees. All clips are unfinished. Custom colors and finishes are available for main beams, cross tees, load connector clips, and ceiling panels. For custom layout information and technical guidelines, contact TechLine customer support at 1 877 276 7876

## VISUAL SELECTION

	Item No.	Description	Dimensions Nominal (Inches)	MAX LOADING* LBS/LF	
				2 Ft.	4 Ft.
Prelude XL Max 15/16"	730145	12' HD Main Beam	144 x 15/16 x 2-7/16"	135.5	40.17
	XL7345	4' Cross Tee	48 x 15/16 x 2-7/16"	N/A	40.17
	XL7325	2' Cross Tee	24 x 15/16 x 2-7/16"	93.82	N/A
Molding 7/8"	SWA9878HRC	12' Structural Wall Angle	144 x 7/8 x 7/8"	N/A	N/A

\*Simple Span

## PERFORMANCE

Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid		
		Fog	Spray	Wipe
N/A	*	*	*	*
N/A	*	*	*	*
N/A	*	*	*	*
N/A	*	*	*	*

Dots represent high level of performance.

## PACKAGING

PCS/ CTN	LF/ CTN
10	120
30	120
30	60
12	144

# PRELUDE® XL MAX®

## Exposed Tee System

### VISUAL SELECTION

**NOTE:** These panels are specially sized and engineered for Prelude® XL Max® and must be used with the system. These panels do not fit in other suspension systems.

	Item No.	Dimensions (Inches)
Fine Fissured™ for Prelude® XL Max®	1778	23-13/16 × 23-13/16 × 5/8"
Square Lay-in	1779	23-13/16 × 47-13/16 × 5/8"
	1747ABL (Black)	23-13/16 × 23-13/16 × 5/8"
	1748ABL (Black)	23-13/16 × 47-13/16 × 5/8"
Canyon® for Prelude® XL Max®	1488	23-13/16 × 23-13/16 × 5/8"
Square Lay-in	1489	23-13/16 × 47-13/16 × 5/8"
Ultima® for Prelude® XL Max®	1927	23-13/16 × 23-13/16 × 3/4"
Square Lay-in	1928	23-13/16 × 47-13/16 × 3/4"
Clean Room™ FL for Prelude® XL Max®	1815*	23-13/16 × 23-13/16 × 3/4"
Square Lay-in	1816*	23-13/16 × 47-13/16 × 3/4"
	1720 (Border Panel)	24 × 24 × 5/8"
	1721 (Border Panel)	24 × 48 × 5/8"

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound blocking performance in one product.

**GOOD** (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

\* Clean Room FL items 1815 and 1816 cannot be cut for borders and can only be used as full size panels.

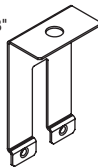
NOTE: Specify Items 1720 and 1721 for borders.

### PERFORMANCE SELECTION Dots represent highest level of performance.

Sound Absorption	Sound Blocking	Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Bio-Block	Humi-Guard+	Certified Low VOC Emissions	Durability	Recycled Content	Recycle Program	30-Yr Warranty
NRC	CAC	NRC CAC	AC									
0.55	35	N/A	N/A	Class A	0.82	*	*	*	*	*	*	*
0.55	35	N/A	N/A	Class A	0.82	*	Std	*	*	*	*	1-Yr
0.55	35	N/A	N/A	Class A	N/A	*	*	*	*	*	*	*
0.55	35	N/A	N/A	Class A	N/A	*	Std	*	*	*	*	1-Yr
0.65	35	GOOD	N/A	Class A	0.80	*	*	*	*	Std	*	*
0.65	35	GOOD	N/A	Class A	0.80	*	*	*	*	Std	*	*
0.75	35	BETTER	170	Class A	0.88	*	*	*	*	*	*	*
0.75	35	BETTER	170	Class A	0.88	*	*	*	*	*	*	*
0.55	35	N/A	N/A	Class A	0.79	*	*	*	*	*	-	*
0.55	35	N/A	N/A	Class A	0.79	*	*	*	*	*	-	*
0.55	35	N/A	N/A	Class A	0.79	*	*	*	*	*	-	*
0.55	35	N/A	N/A	Class A	0.79	*	*	*	*	*	-	*

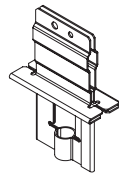
### ACCESSORIES

**PMHC** – Prelude® Max Hanging Clip – Used to carry the ceiling system with 3/8" threaded rod from structure. (Machine screws, Heavy Hex Nut, and Locknut included)



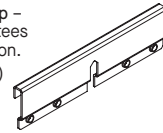
PMHC – 150 pcs  
FZPMHC – 50 pcs

**PMLC** – Prelude® XL Max® Load Connector – Used to support busbar, cable trays, and other components with 3/8" threaded rod from the suspension system face. (Heavy Hex Nut & Locknut included)



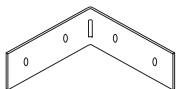
PMLC – 100 pcs  
FZPMLC – 50 pcs

**IJC** – Intersection Joint Clip – Used to connect all cross tees together for rigid connection. (Machine screws included)



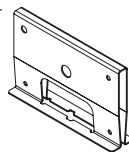
IJC – 250 pcs  
FZIJC – 50 pcs

**XTAC** – Cross Tee Adapter Clip – Securely attaches cross tees or main beams to the structural wall molding around the perimeter of the ceiling installation.



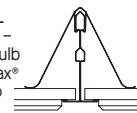
XTAC – 100 pcs  
FZXTAC – 50 pcs

**TLMBS** – Top Lock Main Beam Splice Clip – Locks two main beams together for a secure connection.



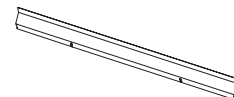
TLMBS – 50 pcs

**PMHDC** – Prelude® XL Max® Hold-down Clip – Attaches to the top bulb of the Prelude® XL Max® suspension system to hold ceiling panels in place; helps to prevent ceiling panel movement.



PMHDC – 100 pcs  
FZPMHDC – 50 pcs

**LSB** – Lateral Support Bar (Seismic Zone DEF Only)

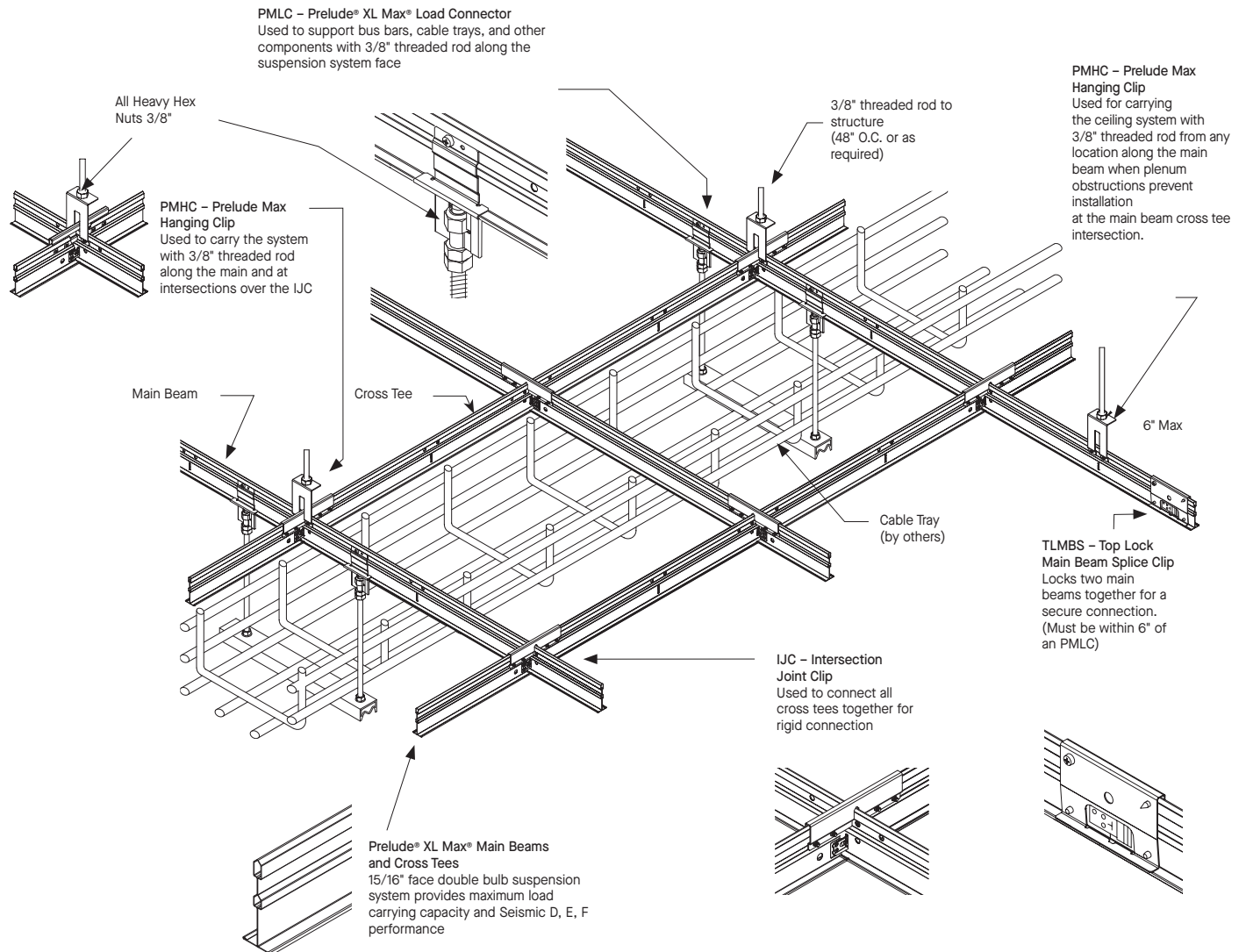


LSB12HRC – 10 pcs/120 LF  
LSB10HRC – 10 pcs/100 LF  
LSB8HRC – 10 pcs/80 LF

# PRELUDE® XL MAX®

## Exposed Tee System

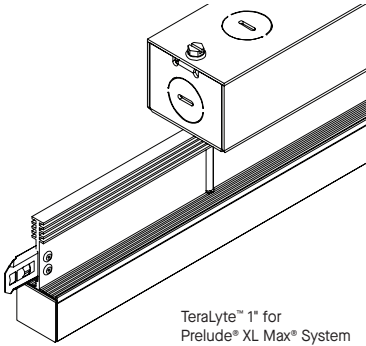
### PRELUDE® XL MAX® INSTALLATION OVERVIEW



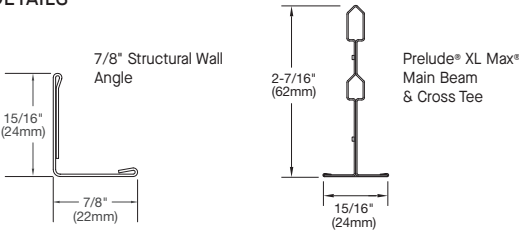
PRELUDE® XL MAX®  
Exposed Tee System

LIGHTING INTEGRATION

Lighting solutions are available through partner companies.



DETAILS



GRID PHYSICAL DATA

<b>Material</b> Hot dipped galvanized steel	<b>Face Dimension</b> 15/16"	<b>End Detail</b> Main Beam: Staked-on clip
<b>Surface Finish</b> Baked polyester paint or powder coated	<b>Profile</b> Exposed tee	Cross Tee: Staked-on clip
Manufactured and tested in accordance with ASTM C635	Cross Tee/Main Beam Interface Override	<b>Duty Classification</b> Heavy-duty

CEILING PANELS PHYSICAL DATA

<b>Design Considerations</b> All acoustical grid and Axiom trim accessories (a.k.a. clips) are supplied as unpainted items. Exposed clips will need to be field painted after installation, if required for the project. This ensures accessories meet the tested performance criteria and adhere to AWI installation instructions and warranted products or systems.	<b>Pieces/Cartron;</b> <b>Square Feet/Cartron</b> 1927 – 12 pcs/ctn; 48 SF/ctn 1928 – 6 pcs/ctn; 48 SF/ctn 3398 – 32 pcs/ctn; 128 SF/ctn 3399 – 16 pcs/ctn; 128 SF/ctn 1488 – 16 pcs/ctn; 64 SF/ctn 1489 – 8 pcs/ctn; 64 SF/ctn	1747ABL – 16 pcs/ctn; 64 SF/ctn 1748ABL – 12 pcs/ctn; 96 SF/ctn 1778 – 14 pcs/ctn; 56 SF/ctn 1779 – 8 pcs/ctn; 64 SF/ctn 1815 – 12 pcs/ctn; 48 SF/ctn 1816 – 8 pcs/ctn; 64 SF/ctn 1720 – 8 pcs/ctn; 64 SF/ctn 1721 – 8 pcs/ctn; 64 SF/ctn
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