

SILHOUETTE® XL® 1/8" Reveal

9/16" Slotted Tee System

DeclareSM
Living Building
Challenge Compliant

SUSTAIN[®]
High Performance
Sustainable
Ceiling Systems



Calculate LEED contribution at
armstrongceilings.com/greengenie

LOCATION DEPENDENT



KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; offer an ICC-ES approach to installations (ESR-1308)
- Silhouette is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today
- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- Some items available in metric sizes
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter cross tees
- XL² staked-on end detail provides secure locked connection
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with HumiGuard® Plus products
- Made-to-Order main beams and cross tees can be ordered for your project needs in one carton minimums

TYPICAL APPLICATIONS

- Offices
- Education
- Retail
- Hospitality

Blizzard White powder-coated finish coordinates with Calla®, Optima®, Ultima® and Lyra® ceiling panels for a clean, seamless, monolithic installed visual.

Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, rout spacing, miter spacing, and short cross tees (3" to 6" lengths).

VISUAL SELECTION

PERFORMANCE

PACKAGING

Item No.	Face Profile	Description	Rout Spacing	Notching	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin.Ft./ Ctn.
Silhouette XL – 1/8" Reveal						4 Ft.	5 Ft.	Dots represent high level of performance.			
□ 76018 _ ♦	9/16"	12' HD Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	16.35	7.80				
□ 76128 _ ♦	9/16"	12' HD Main Beam – Unnotched	–		144 x 9/16 x 1-3/4"	16.35	7.80	–	•	20	240
□ 76008 _ ♦	9/16"	12' ID Main Beam – Notched 24" O.C.	24" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
□ 76028 _ ♦	9/16"	10' ID Main Beam – Notched 24" O.C.	24" O.C.		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
□ 76038 _ ♦	9/16"	12' ID Main Beam – Notched 48" O.C.	48" O.C.		144 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	240
□ 76068 _ ♦	9/16"	10' ID Main Beam – Notched 30" O.C.	30" O.C.		120 x 9/16 x 1-3/4"	13.10	6.61	–	–	20	200
□ XL76808 _ ♦	9/16"	8' Cross Tee – Unnotched	–		96 x 9/16 x 1-3/4"	12.59**	–	–	•	20	160
□ XL76908 _ ♦	9/16"	6' Cross Tee – Unnotched	–		72 x 9/16 x 1-3/4"	12.59**	–	–	•	20	120
□ XL76508 _ ♦	9/16"	5' Cross Tee – Unnotched	–		60 x 9/16 x 1-3/4"	–	6.09	–	•	30	150
□ XL76558 _ ♦	9/16"	5' Cross Tee – Center-notched, both sides	–		60 x 9/16 x 1-3/4"	–	5.71	–	•	30	150
□ XL76408 _ ♦	9/16"	4' Cross Tee – Unnotched	–		48 x 9/16 x 1-3/4"	14.11	–	–	•	60	240
□ XL76458 _ ♦	9/16"	4' Cross Tee – Center-notched, both sides	–		48 x 9/16 x 1-3/4"	12.60	–	–	•	60	240
□ XL76468 _ ♦	9/16"	4' Cross Tee – Center-notched, one side	–		48 x 9/16 x 1-3/4"	13.01	–	–	•	60	240
□ XL76708 _ ♦	9/16"	30" Cross Tee – Unnotched	–		30 x 9/16 x 1-3/4"	47.76	–	–	•	60	150
□ XL76208 _ ♦	9/16"	2' Cross Tee – Unnotched	–		24 x 9/16 x 1-3/4"	69.69	–	–	•	60	120
□ XL76108 _ ♦	9/16"	1' Cross Tee – Unnotched	–		12 x 9/16 x 1-3/4"	69.69	–	–	•	120	120
□ XL76048 _ ♦	9/16"	4" Cross Tee – Unnotched	–		4 x 9/16 x 1-3/4"	–	–	–	•	60	20
Size Capabilities		Main Beams Length	Cross Tees Length								
9/16"	1 CTN MIN Made-to-Order Sizes or Colors (2 Wks)	36" – 144"	6" – 144"								
		Rout spacing 3" from ends, 6" thereafter NOTE: Up to 6 Weeks for Color & Size Combinations									

Made-to-Order main beams and cross tees can be ordered with special sizes, rout spacing, and colors for your project needs in one carton minimums.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

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9/16" Slotted Tee System

VISUAL SELECTION

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings Additional molding options available. See armstrongceilings.com/suspensionsystems (search: accessories and moldings)							
<input type="checkbox"/> 7804 _ ♦	12" Hemmed Angle Molding	144"	9/16"	7/8"	—	30	360
<input type="checkbox"/> 7873 _ ♦	10" Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
<input type="checkbox"/> 7878 _ ♦***	10" Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

* Simple Span

** Wire at 4'

*** Suitable for Category D, E, F Seismic Installation with BERC2 clip

♦ Items available in Blizzard White powder-coated finish

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7804ZW – Blizzard White)

MAXIMUM FIXTURE WEIGHT

Configuration		Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
A	B		A	B	A	B	A	B	A	B
Main Beam to Main Beam – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (♦)										
		76008 76018	24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	73.0 lbs.	73.0 lbs.
			24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	76.0 lbs.	76.0 lbs.
			12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	73.0 lbs.	58.0 lbs.
			12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	76.0 lbs.	76.0 lbs.

Main beams tested as follows: 76008/814042 tested at 13.1 lbs./lin. ft. to 1/360 of 4' span; 76018 tested at 16.35 lbs./lin. ft. to 1/360 of 4' span.

Cross Tee to Cross Tee

Drawing Key: Main beam (↑) Cross tee (—) Hanger wire (♦)										
		XL76458 XL76468	24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 lbs.
			12" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 lbs.

Cross tees tested as follows: XL76458/813042 at 12.0 lbs./lin. ft. to 1/360 of 4' span.

Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong representative.

NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./SF, maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

COLOR AND FINISH SELECTION

Standard



White
(WH)

Powder-coated Finish*



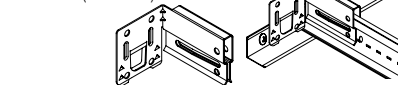
Blizzard
White
(ZW)

* Items available in powder-coated finish

ACCESSORIES

BERC2 – 2" Beam End Retaining Clip – Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.

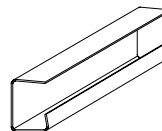
ALBERC2 (aluminum)



- ☐ **BERC2** (Steel) – 200 pcs
- ☐ **FZBERC2** (Steel) – 50 pcs

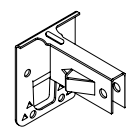
- ☐ **ALBERC2** (Aluminum) – 200 pcs
- ☐ **FZALBERC2** (Aluminum) – 50 pcs

MCC8 – Silhouette 1/8" Reveal Miter Closure Clip – Eliminates main beam and cross tee miters.



- ☐ **MCC8** – 200 pcs
- ☐ **FZMCC8** – 50 pcs

GCWA – Grip Clip Wall Attachment – Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.



- ☐ **GCWA** – 250 pcs
- ☐ **FZGCWA** – 50 pcs

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9/16" Slotted Tee System

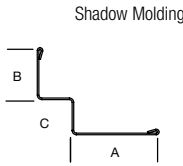
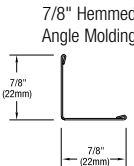
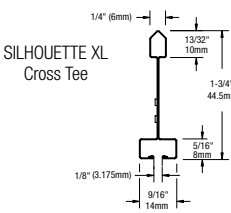
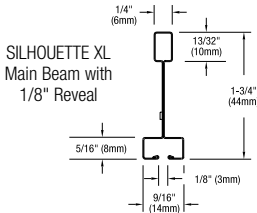
DETAILS



SILHOUETTE XL
Main Beam



SILHOUETTE XL
Cross Tee



SEISMIC PERFORMANCE

Main Beams

76018, 76128

Minimum Lbs. To Pull Out Compression/Tension

392.9, 340.0

Cross Tees

XL76808, XL76908, XL76508, XL76558, XL76408,
XL76458, XL76468, XL76708, XL76208, XL76108

Minimum Lbs. To Pull Out Compression/Tension

299.5

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions, and possible cancellation.

To derive maximum lbs/sf, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

PHYSICAL DATA

Material

Hot dipped galvanized steel

Surface Finish

Baked polyester paint or powder-coated paint

Manufactured and tested in accordance with ASTM C635

Face Dimension

9/16"

Profile

Bolt-slot

Cross Tee/Main Beam Interface

Mitered

End Detail

Main Beam: Coupling

Cross Tee: Staked-on clip

Duty Classification

Intermediate or Heavy-duty