

# ARCHITECTURAL TRUSS

## Ultra Lite 8"x8" & 12"x12" Box

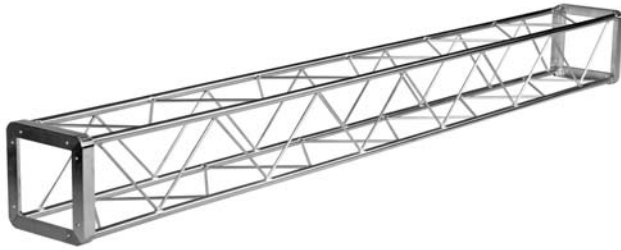
## Lite Duty 8"x8" & 12"x12" Box



### ULTRA LITE FEATURES

Highly Polished Aluminum Tubing  
 1.05" OD 6061-T6 Aluminum Tube  
 0.113" Wall Thickness  
 3/8" Solid Aluminum Rod Bracing  
 1-3/4" x 1/4" Aluminum End Plates  
 Fabricated by Certified Welders  
 Custom Lengths & Corners Available  
 Powder Coating Available

Ultra Lite Box truss is manufactured with 1.05" OD main chords and 3/8" solid aluminum rod bracing. Lite Duty Box truss is manufactured with 1-3/8" OD main chords and 1/2" solid aluminum rod bracing. They are ideal for trade show booths, small venues, retail showrooms and other installations with light load limits. The highly polished aluminum finish blends with contemporary design elements or this truss can be powder coated to match any interior design scheme. The Lite Duty Box truss is ideal for circles, stars and other unique projects.



### ORDERING INFORMATION

Item No.	Dimensions	Weight
6-08-120	8" x 8" x 10'	25 lbs.
6-08-096	8" x 8" x 8'	18 lbs.
6-08-060	8" x 8" x 5'	12 lbs.
6-08-030	8" x 8" x 2.5'	9 lbs.
6-08-006	6-Way Corner	9 lbs.
6-12-120	12" x 12" x 10'	29 lbs.
6-12-096	12" x 12" x 8'	22 lbs.
6-12-060	12" x 12" x 5'	15 lbs.
6-12-030	12" x 12" x 2.5'	12 lbs.
6-12-006	6-Way Corner	13 lbs.

### LITE DUTY FEATURES

Highly Polished Aluminum Tubing  
 1-3/8" OD 6061-T6 Aluminum Tube  
 0.125" Wall Thickness  
 1/2" Solid Aluminum Rod Bracing  
 1-3/4" x 1/4" Aluminum End Plates  
 Fabricated by Certified Welders  
 Custom Lengths & Corners Available  
 Powder Coating Available

### ORDERING INFORMATION

Item No.	Dimensions	Weight
7-08-120	8" x 8" x 10'	37 lbs.
7-08-096	8" x 8" x 8'	25 lbs.
7-08-060	8" x 8" x 5'	18 lbs.
7-08-030	8" x 8" x 2.5'	13 lbs.
7-08-006	6-Way Corner	9 lbs.
7-12-120	12" x 12" x 10'	42 lbs.
7-12-096	12" x 12" x 8'	31 lbs.
7-12-060	12" x 12" x 5'	24 lbs.
7-12-030	12" x 12" x 2.5'	13 lbs.
7-12-006	6-Way Corner	13 lbs.

#### ESTIMATED LOAD DATA

#### Maximum Allowable Uniform Loads

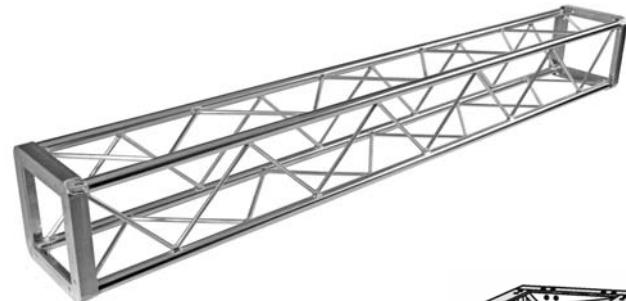
#### Maximum Allowable Center Point Loads



SPAN (ft.)	LOAD (#/ft.)	LOAD (#)	MAX. DEFL. (in.)	LOAD (#)	MAX. DEFL. (in.)
<b>8" x 8" Ultra Lite Box Truss Weight Loading Info</b>					
10	90	900		600	
20	39	780		390	
30	14	420		180	
40	6	240		120	
<b>12" x 12" Ultra Lite Box Truss Weight Loading Info</b>					
10	150	1500		1200	
20	73	1470		900	
30	22	660		390	
40	9.75	390		240	
<b>8" x 8" Lite Duty Box Truss Weight Loading Info</b>					
10	119	1190	0.13	1192	0.26
20	59	1180	1.31	750	1.36
30	16	480	1.42	252	1.49
40	5	200	1.40	106	0.75
<b>12" x 12" Lite Duty Box Truss Weight Loading Info</b>					
10	261	2610	0.187	2000	0.25
20	122	2440	1.31	1500	1.37
30	37	1110	2.00	650	2.00
40	16	640	2.67	400	2.68

Connection: 3/8" Dia. x 1-1/4" Grade 5 Bolts

8" x 8" LD and 12" x 12" LD Weight Load Certified By Structural Engineer



Standard Corner

