

Chicago Metallic® 1260/1280 Aluminum Cap 15/16" Exposed, Fire Rated

Product

Applications

Fire Rated - locker rooms, commercial kitchens and food prep areas, retail

Features

- The industry standard of compatibility: acoustical tile, light fixtures and air diffusers.
- Stab-in type cross tees.
- Aluminum capping.
- Chicago Metallic suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08.

Benefits

- System is approved for all seismic areas.
- Aluminum cap provides added corrosion resistance.
- Cost control.
- Global compatibility and availability.
- Sustainable: Minimum 25% recycled content, 100% locally recyclable, global/regional manufacture.

Material:

A. General

ASTM C 635 Heavy Duty (HD) and Intermediate Duty (ID) main tee classifications; commercial quality HDG-30 steel, hot-dip galvanized body and aluminum cap, 15/16" width, 1-1/2" height. System is approved for all seismic areas.

Components:

- 1. Main Tees:** Double web construction, 15/16" width, 1-1/2" height. XXZ Main runner height = 1-13/16".

Fire Rated (24 x 24, 24 x 48)

- 260.01AZ (144", slots 6" OC, ID)
- 280.XXZ.01 (144", slots 6" OC, HD)

- 2. Cross Tees:**

Double web construction, 15/16" width, 1-1/2" height. Stab-in end detail.

Note: Cross tees are override design.

Fire Rated (24 x 24, 24 x 48)

- 1262.01AZ (24", no slots)
- 1264.01AZ (48", 3 slots 12" O.C.)

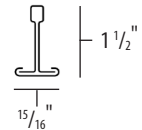
- 3. Wall Angle:**

Aluminum capped with Steel Base

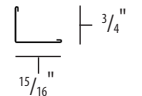
Wall Angle:

- 1409.01AH (144", 3/4" x 15/16")

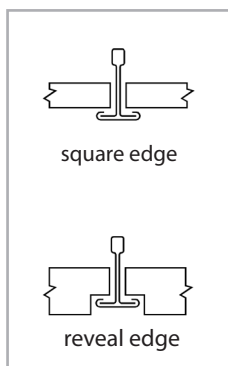
Tees



Wall Angle



Details



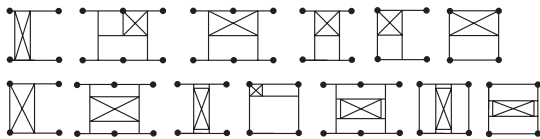
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U.L.® Fire Rated Assemblies

floor-ceiling type 260/aluminum cap
A202, A210, D203, D205, D209, D215, D216, G022, G201, G208, G209, G210, G211, G213, G214, G215, G216, G217, G218, G222, G228, G234, G241, G242, G244, G248, G250, G255, G256, G258, G259, J201, L201, L202, L206, L208, L209, L210, L211, L212

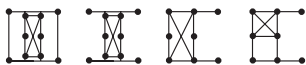
roof-ceiling type 260/aluminum cap
P201, P202, P203, P204, P206, P207, P210, P211, P214, P215, P216, P217, P219, P225, P227, P228, P229, P230, P231, P235, P237, P238, P239, P241, P244, P245, P246, P251, P253, P255, P257, P259, P260, P261, P262, P264

Hanger Positions for Non-Fire Rated Situations



Fixture weight based on single fixtures only.

Hanger Positions for Fire Rated Situations



Fixture weight based on single fixtures only and are covered in the table. Refer to specific design numbers for allowable number of fixtures per square footage of ceiling area.

Component Load Test Data (based on 1/360 span deflection)

ALLOWABLE LOAD per ASTM C635 [■]										
		Hanger Spacing								
Main Tee	Length	4'			5'			6'		
260	12'	ID			6.0			4.0		
280	12'	HD			8.9			5.6		
Cross Tee	Length	1'	20"	2'	30"	3'	4'	5'	6'	8'
1262	2'	40.5								
1264	4'						14.0			

[■]To convert data into lb/ft², divide on center spacing of component into lb/ft.

[▲]Limited by safety factor of 2.

Light Fixture Load Test Data

(based on 1/360 span deflection)

LIGHT FIXTURES	MAIN & CROSS TEES	
	ALLOWABLE FIXTURE WT. – LBS.	
	280	260
Dimensions	1264	1264
1' x 4'	67.6	55.6
2' x 2'	52.8	49.6
2' x 4'	76.0 [▲]	64.0 [▲]

[▲]Limited by safety factor of 2.