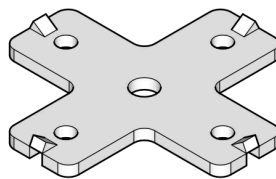
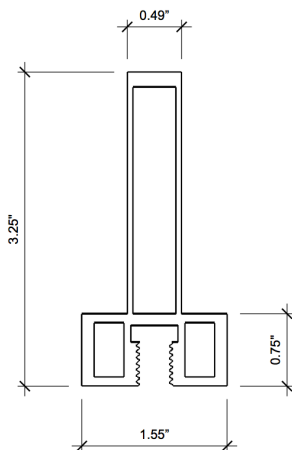
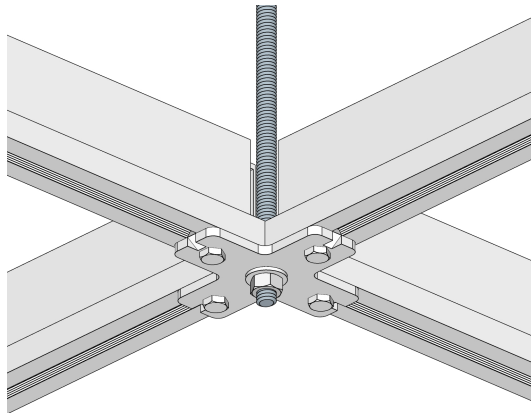
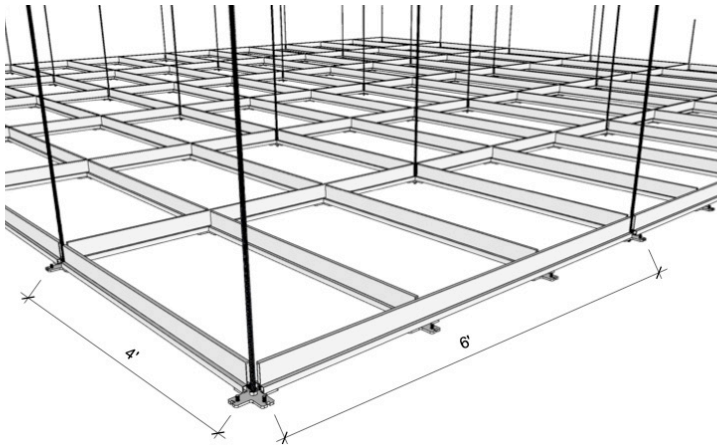




PICS - Polargy Integrated Ceiling System

Data Sheet

August 29, 2024



PICS SPECIFICATIONS

- Architectural structural data center ceiling grid made of aluminum with a 3/8-16 continuous threaded slot.
- Typical configuration with support rods at 4' x 6' spacing with 6' Mains and 4' Cross Tees.
- Capable of supporting power bus bar, light fixtures, cable trays, aisle containment partitions, and other infrastructure.
- System Weight
 - 2'x4' grid: 0.82 lbs/ft²
 - 4'x4' grid: 0.54 lbs/ft²
- Grid sizing can be configured to 24"/48" On Center, or the grid can be configured to 24.5"/48.5" On Center to accommodate standard sized ceiling tiles and light fixtures.

MAIN EXTRUSION

- H 3.25" x BTM 1.55" x TOP 0.49"
- 6005A-T61 Anodized Aluminum
- Closed top profile for strength
- 3/8-16 screw slot threaded boss runs continuously along bottom
- Ceiling Tiles & Lights (available by Polargy)
- Threaded Rod Connection to Building (supplied by others)

PLATE CONNECTORS

- Tabbed for quick alignment
- Galvanized steel at 0.25" thick
- 4-Way connector plate is 5.188" x 5.188"
- Connected to grid members with (4) 3/8-16 x 3/4" Hex Head Machine Bolts
- For seismic zones plate connected to grid members with (4) 3/8 x 2" Hex Head Self Drilling Screws
- Hole spacing matches typical Unistrut spacing

CONFIDENTIAL

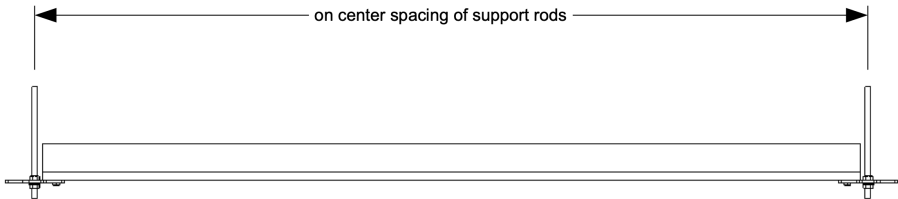


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PERFORMANCE CRITERIA



On Center Spacing of Support Rods	Uniform Load lbs/sq ft	Deflection At Point Load		Max. Point Load lbs
4' x 6'	40	0.36"	L/200	500
4' x 4'	95	0.19"	L/253	750