

# FSS Deep Strut Specification

ISA's FSS Deep Srut (FSS) was developed as a main solar support beam to span large distances such as across parapet walls for residential structures and for spanning across major beams in commercial buildings.

### **Physical Characteristics:**

Dimensions: 8.8" High x 3" Wide

Weight: 4.1 Lbs/Ft.

#### Structural Characteristics:

 $S_{yymin} = 2.97 \text{ in}^3 I_{yymin} = 4.45 \text{ in}^4 r_{yymin} = 1.16 \text{ in}$ 

 $S_{zzmin} = 7.74 \text{ in}^3$   $I_{zzmin} = 34.92 \text{ in}^4 r_{zzmin} = 3.23 \text{ in}$ 

 $A_g = 3.36 \text{ in}^2$   $A_e = 3.36 \text{in}^2$ 

#### Material:

-Extruded Aluminum, 6061-T6/6005-T6

## Support Span Capacity:

Up to 25 Ft.

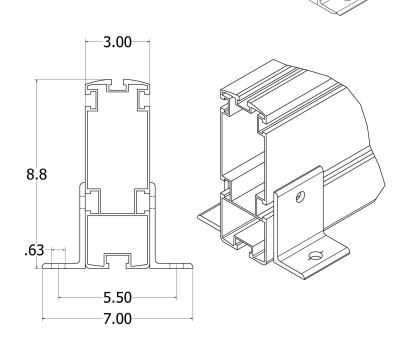
-See Tables

## **Attachment Methods:**

Angle Bracket to Parapet Walls ISA Post to Roof or Parapet Walls Lag Bolt or embedded rod -1/2"

#### Warranty:

20 Years



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