- Finish = Clear anodized
- Material = 6105-T5 Aluminum
- Weight/ft = 1.008 lbs.
- 96", 192.63" Lengths standard.

**Section Properties:**
- Moment of Inertia in$^4$: 0.142 0.100
- Section modulus in$^3$: 0.189 0.200

Load condition:
- Fixed at both ends, load at center
- Deflection = $y$ (inches)

$Y_{max} = \frac{PL^3}{2.73 \times 10^8}$

$Y_{max} = \frac{PL^3}{1.92 \times 10^8}$
Load condition:
Fixed at one end, sliding at one end, load at center
Deflection = Y (inches)

\[ Y_{\text{max}} = \frac{PL^3}{1.07 \times 10^6} \]

\[ Y_{\text{max}} = \frac{PL^3}{1.52 \times 10^8} \]

Load condition:
Fixed at one end, load at unsupported end
Deflection = Y (inches)

\[ Y_{\text{max}} = \frac{PL^3}{3 \times 10^6} \]

\[ Y_{\text{max}} = \frac{PL^3}{4.26 \times 10^5} \]