Finish = Clear anodized
Material = 6063-T6 Aluminum
Est. Area = 5.924 Sq. In.

Weight/ft = 6.967 lbs.
96", 192.63" Lengths standard.

Section Properties:

<table>
<thead>
<tr>
<th>Moment of Intertia in⁴</th>
<th>22.05</th>
<th>6.41</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section modulus in³</td>
<td>7.35</td>
<td>4.28</td>
</tr>
</tbody>
</table>

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

\[
Y_{\text{max}} = \frac{PL^3}{4.32 \times 10^{10}}
\]

\[
Y_{\text{max}} = \frac{PL^3}{1.23 \times 10^{10}}
\]
Load condition:
Fixed at one end, sliding at one end, load at center
Deflection = Y (inches)

\[ Y_{\text{max}} = \frac{PL^3}{2.37 \times 10^{16}} \]

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

\[ Y_{\text{max}} = \frac{PL^3}{6.88 \times 10^{6}} \]

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

\[ Y_{\text{max}} = \frac{PL^3}{1.92 \times 10^{8}} \]