EX-6 Clear Anodized
BLX-6 Black Anodized

- Material = 6105-T5 Aluminum
- Est. Area = .878 Sq. In.
- Weight/ft = 1.029 lbs.
- 96", 144.25" (clear), 192.63" Lengths standard.

**Section Properties:**
- Moment of Intertia in$^4$ = .199
- Section modulus in$^3$ = .265

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

$$y = \frac{PL^3}{3.82 \times 10^8}$$
Structural Aluminum Extrusions

Clear Anodized EX-6
Black Anodized BLX-6

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

\[ y = \frac{PL^3}{2.14 \times 10^8} \]

Load at center
Span

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

\[ y = \frac{PL^3}{5.97 \times 10^6} \]

Load at end
Span

Load vs. Span (inches) graph for Clear Anodized EX-6 and Black Anodized BLX-6.