3” x 3” Light Extrusion

EX-37

• 5/16” Slot Size
• Weight/Ft = 2.81 lbs.
• Est. Area = 2.35 Sq. In.
• Finish = Clear Anodized
• Material = 6105-T5 Aluminum
• 96”, 192.63” Standard Lengths

Section Properties:
Moment of Intertia in\(^4\) 2.44
Section modulus in\(^3\) 1.63

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

\[ y = \frac{PL^3}{4.69 \times 10^9} \]
**3” x 3” Light Extrusion**

**EX-37**

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

\[
y_{\text{max}} = \frac{PL^3}{2.63 \times 10^9}
\]

**Graph**

- **Span in inches (L)**
- **Load lbs (P)**

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

\[
y_{\text{max}} = \frac{PL^3}{4.86 \times 10^6}
\]

**Graph**

- **Span in inches (L)**
- **Load lbs (P)**