

## GLULAM SIZE AND LOAD CHART

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### DESIGN VALUES: (Tested)

#### **3 PLY 2 x 6:**

**Actual Size = 5.187" x 4.125" ..... $F_{b,y-y} = 2210(\text{psi})$**   
**Area = 21.40 sq. in..... $F_c = 2120(\text{psi})$**   
 **$E_{y-y} = 1,644,000(\text{psi})$  .....Weight = 5.17 #/lf**

#### **3 PLY 2 x 8:**

**Actual Size = 6.875" x 4.125" ..... $F_{b,y-y} = 2090(\text{psi})$**   
**Area = 28.36 sq. in..... $F_c = 1775(\text{psi})$**   
 **$E_{y-y} = 1,569,000(\text{psi})$ .....Weight = 8.14 #/lf**

#### **4 PLY 2 x 6:**

**Actual Size = 5.187" x 5.437" ..... $F_{b,y-y} = 2325(\text{psi})$**   
**Area = 28.20 sq. in..... $F_c = 1890(\text{psi})$**   
 **$E_{y-y} = 1,597,000(\text{psi})$ .....Weight = 6.9 #/lf**

#### **4 PLY 2 x 8:**

**Actual Size = 6.875" x 5.437" ..... $F_{b,y-y} = 2000(\text{psi})$**   
**Area = 37.38 sq. in..... $F_c = 1890(\text{psi})$**   
 **$E_{y-y} = 1,484,000(\text{psi})$ .....Weight 10.86 #/lf**