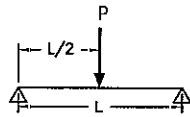
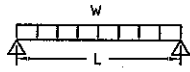


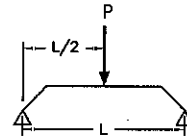
2x8 Trac Beam™ Technical Sheet FL9328



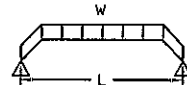
$$\text{MOMENT (MAX)} = \frac{PL}{4}$$



$$\text{MOMENT (MAX)} = \frac{wL^2}{8}$$



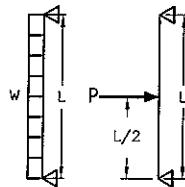
$$\text{MOMENT (MAX)} = \frac{PL}{4}$$



$$\text{MOMENT (MAX)} = \frac{wL^2}{8}$$

2x8 TRAC BEAM CLEAR SPAN (FLAT ROOF)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	> 40.0'	> 40.0'	> 40.0'	> 40.0'	36.0'
6' O.C.	> 40.0'	> 40.0'	> 40.0'	37.0'	35.0'
7' O.C.	> 40.0'	> 40.0'	38.0'	35.5'	34.0'
8' O.C.	> 40.0'	38.0'	36.0'	34.2'	32.0'

2x8 TRAC BEAM SPAN (MANSARD ROOF)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	> 52.0'	> 52.0'	> 52.0'	> 52.0'	47.0'
6' O.C.	> 52.0'	> 52.0'	> 52.0'	50.0'	46.0'
7' O.C.	> 52.0'	> 52.0'	> 52.0'	47.5'	44.8'
8' O.C.	> 52.0'	50.0'	47.0'	45.0'	42.8'



2x8 TRAC SPAN (COLUMN HEIGHT)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	32.5'	30.0'	28.9'	27.7'	26.3'
6' O.C.	29.5'	28.7'	27.6'	26.3'	25.0'
7' O.C.	28.7'	27.8'	26.7'	24.9'	23.5'
8' O.C.	27.8'	26.5'	25.2'	23.4'	21.8'

General Notes:

1. Refer to Florida Product Approval #FL9328 for project specific requirements to be used by design professional.
2. Drawings are illustrative purposes only.
3. Tables developed from loads in FL9328 tables which are allowable working loads and may be used without any additional reductions.
4. Allowable point loads and deflections are converted to allowable uniform loads and deflections using analytic and comparative analysis.
5. Allowable spans tables are based on 2004 Florida Building Code with 2006 Updates. Wind loads are based on Chapter 20 and Table 2004.4.
6. Consult a licensed design professional for use of this product information.
7. Maximum allowable deflections limits of L/60 shall be considered by design professional L/80 in HVHZ.