



## FIXTURE LOADING - PRODUCT SAFETY WARNING! DO NOT EXCEED ANY OF THE MAXIMUM LOAD LIMITS IN THE FOLLOWING SECTIONS! Offset loading is measured in inch/pounds and represents the bending load at the base shoe connection and the upright. To determine if you exceed the load limit of the fixture, take the difference between the larger inch/lb. calculations on one side of the fixture and the inch /lb. calculations on the other. THIS DIFFERENCE CANNOT EXCEED 15,000 INCH/LBS. In the case of wall sections, the calculation for the one side CANNOT EXCEED 15,000 INCH/LBS. **EVENLY LOADED SHELVES ON GONDOLAS** Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load. ← 18" → ← 18" → D1 18" / 2 = 9" $\times$ 300 lbs. or 2,700 inch/lbs. €9" , 9" $D2\ 18''\ /\ 2 = 9''\ x\ 400\ lbs.$ or 3,600 inch/lbs. SUBTRACT E FROM D 11,800 inch/lbs. D3 22" / 2 = 11" x 500 lbs. or 5,500 inch/lbs. 300# 300# - 8,700 inch/lbs. SIDE D TOTAL = 11,800 inch/lbs. 3,100 inch/lbs. 400# 300# E2 E1 18" / 2 = 9" $\times$ 300 lbs. or 2,700 inch/lbs. SAFE! 3,100 INCH/LBS. DOES NOT E2 $18'' / 2 = 9'' \times 300 lbs.$ or 2,700 inch/lbs. EXCEED 15,000 INCH/LBS. MAXIMUM E3 18" / 2 = 11" $\times$ 300 lbs. or 3,300 inch/lbs. 500# 300# E3 $SIDE\ E\ TOTAL = 8,700\ inch/lbs.$ ← 18" → **EVENLY LOADED SHELVES ON WALL SECTIONS** 300# Divide each shelf depth by 2...multiply times the weight on shelf to determine individual shelf load. SAFE! 11,800 INCH/LBS. DOES NOT EXCEED 400# F1 18" / 2 = 9" x 300 lbs. or 2,700 inch/lbs. 5,000 INCH/LBS. MAXIMUM F2 18" / 2 = 9" $\times$ 400 lbs. or 3,600 inch/lbs. F3 22" / 2 = 11" $\times$ 500 lbs. or 5,500 inch/lbs. 500# SIDE F TOTAL = 11,800 inch/lbs. ASY-046 PAGE 14 OF 15 REV.06 10/18/06 AJB ECN#5000000108

