

ANALYSIS OF VALMONT INDUSTRIES LIGHTING STRUCTURE  
IN ACCORDANCE WITH AASHTO-2009 RQMTS. (FINAL DEFLECTED POSITION)  
BY BNS 5/12/2014 VERSION Fuse 1.10.0.540 32-bit

SUBJECT: VERMONT, 34' & 31' MAST ARMS W/12' LUM ARM

FOLDER: VTTRAF FILE: 3431L12

LUMINAIRE ARM 1

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STYLE DS70-12

SPAN LENGTH = 12.00 FT

UPPER (OR ONLY) MEMBER

SHAPE = Round

ROUNDED BASE O.D. = 2.38 IN

OUTER END O.D. = 2.38 IN

THICKNESS = 0.1540 IN

UNBENT LENGTH = 12.62 FT

LOWER MEMBER

SHAPE = Round

ROUNDED BASE O.D. = 2.38 IN

OUTER END O.D. = 2.38 IN

THICKNESS = 0.1540 IN

UNBENT LENGTH = 12.62 FT