

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P959820

Luminaire Tested: **NAV-SB1B-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959820
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SB1B-735-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

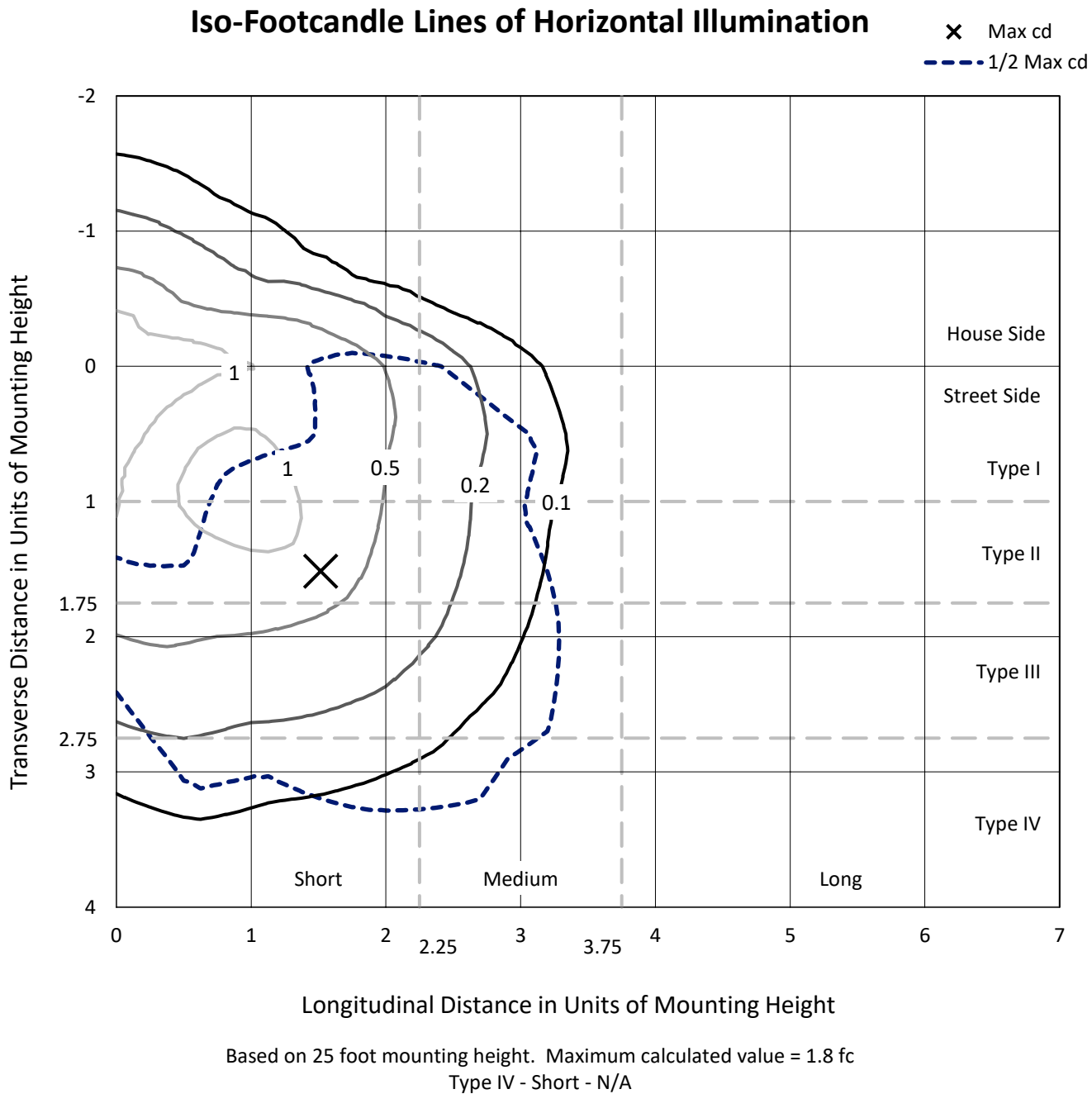
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5753.3 lumens
Efficiency: N/A
Efficacy: 144.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

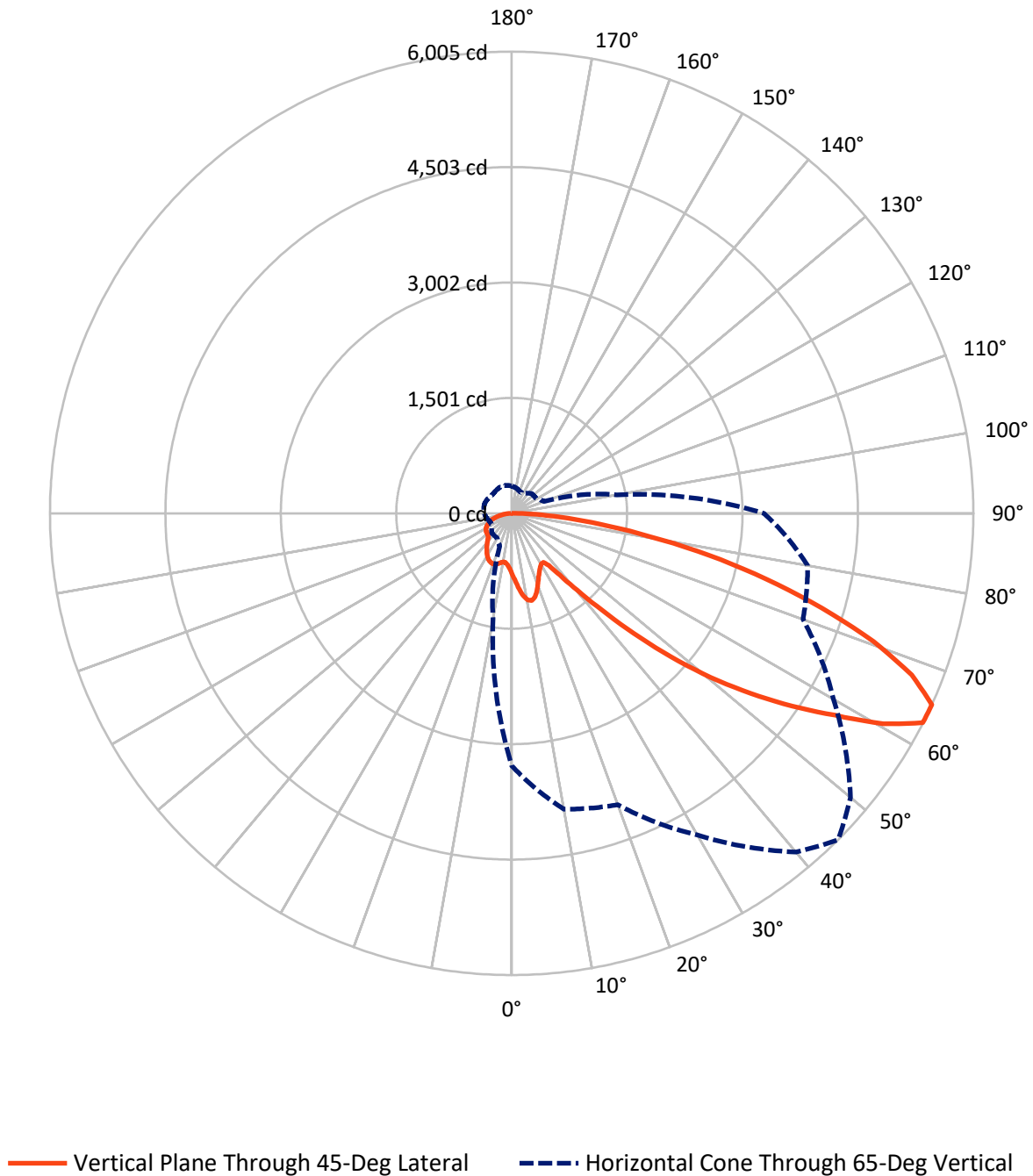


REPORT NUMBER: P959820
CATALOG NUMBER: NAV-SB1B-735-U-SLL



REPORT NUMBER: P959820
CATALOG NUMBER: NAV-SB1B-735-U-SLL

Luminous Intensity Polar Plot



REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

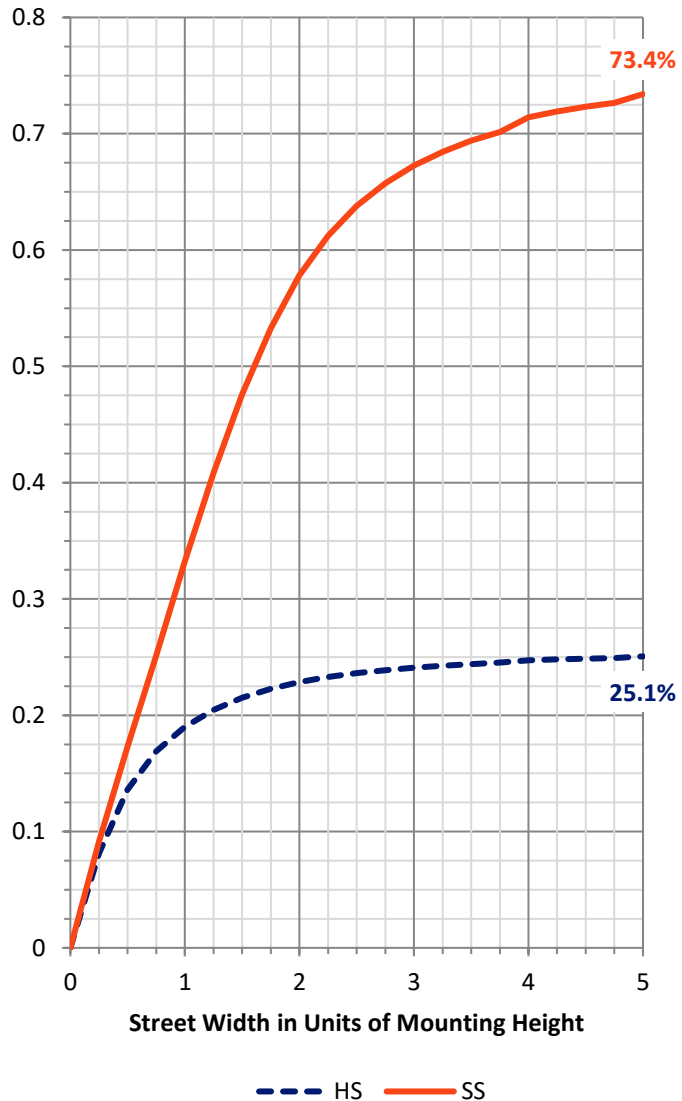
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1462.2	0.0	1462.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4291.1	0.0	4291.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	5753.3	0.0	5753.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	1.4
10°-20°	246.4	4.3
20°-30°	380.5	6.6
30°-40°	482.2	8.4
40°-50°	727.4	12.6
50°-60°	1175.1	20.4
60°-70°	1465.0	25.5
70°-80°	960.7	16.7
80°-90°	237.5	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5753.3	100.0
0°-180°	5753.3	100.0

Coefficient of Utilization



REPORT NUMBER: P959820

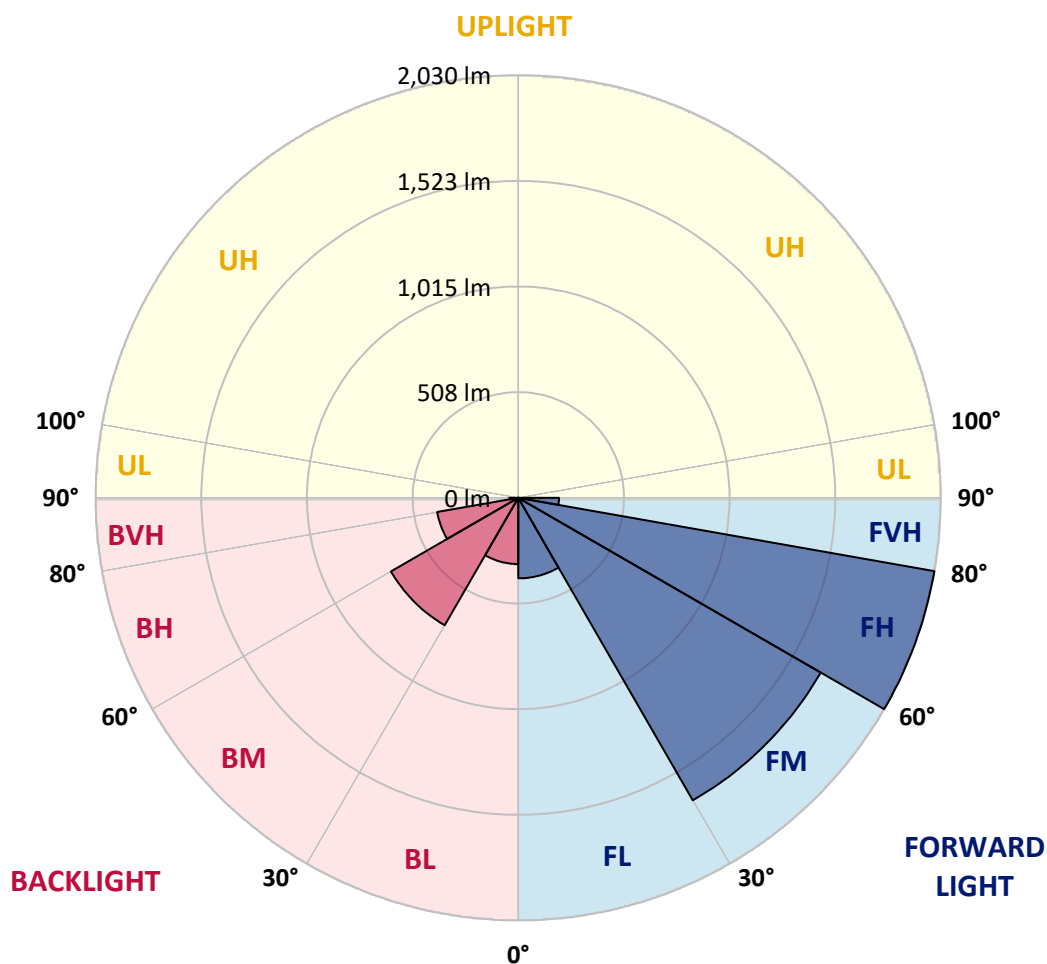
CATALOG NUMBER: NAV-SB1B-735-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	387.0	6.7			
FM	(30°-60°)	1678.1	29.2			
FH	(60°-80°)	2030.4	35.3			G2/5000
FVH	(80°-90°)	195.7	3.4			G2/225
BL	(0°-30°)	318.4	5.5	B1/500		
BM	(30°-60°)	706.6	12.3	B1/1000		
BH	(60°-80°)	395.3	6.9	B1/500		G1/500
BVH	(80°-90°)	41.9	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short



REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	850.7	854.0	857.2	861.8	866.4	869.2	871.9	873.3	874.6	874.0	874.6
5°	914.8	926.1	937.4	948.5	959.8	965.9	971.9	975.6	979.3	982.1	979.3
7.5°	979.2	997.5	1015.9	1032.3	1048.8	1058.7	1068.7	1074.0	1079.4	1082.0	1079.4
10°	1028.5	1050.2	1071.8	1091.2	1110.6	1122.3	1134.0	1139.2	1144.3	1146.4	1144.3
12.5°	1058.7	1082.2	1105.7	1123.2	1140.6	1149.1	1157.6	1160.5	1163.3	1163.6	1163.3
15°	1077.1	1097.4	1117.7	1128.6	1139.6	1139.9	1140.2	1137.1	1134.2	1130.6	1134.2
17.5°	1087.4	1101.2	1114.8	1115.0	1115.2	1102.9	1090.6	1079.3	1068.0	1060.1	1068.0
20°	1098.8	1103.6	1108.3	1094.0	1079.5	1052.4	1025.2	1005.5	985.7	973.5	985.7
22.5°	1112.0	1105.8	1099.5	1069.6	1039.8	999.9	959.9	935.2	910.5	897.1	910.5
25°	1129.0	1109.3	1089.6	1044.2	998.9	950.4	901.9	875.9	849.9	837.3	849.9
27.5°	1152.1	1116.8	1081.5	1021.4	961.3	907.6	853.9	828.3	802.8	790.8	802.8
30°	1183.2	1130.6	1078.0	1004.1	930.1	874.1	818.2	794.5	770.7	759.5	770.7
32.5°	1220.0	1147.9	1075.8	992.2	908.6	856.0	803.3	784.7	766.1	758.1	766.1
35°	1264.5	1176.4	1088.2	1001.1	913.9	877.4	840.8	836.5	832.2	831.5	832.2
37.5°	1339.7	1236.0	1132.3	1053.1	973.9	971.5	969.1	988.9	1008.8	1019.2	1008.8
40°	1453.2	1340.5	1227.6	1168.7	1109.9	1151.4	1193.0	1241.3	1289.6	1313.6	1289.6
42.5°	1603.8	1491.9	1380.1	1346.0	1312.1	1402.8	1493.5	1581.4	1669.1	1720.7	1669.1
45°	1789.8	1689.2	1588.7	1573.7	1558.7	1704.1	1849.4	1993.7	2137.9	2225.6	2137.9
47.5°	2022.3	1924.5	1826.8	1823.7	1820.6	2030.3	2239.8	2451.1	2662.2	2786.3	2662.2
50°	2327.1	2206.3	2085.6	2086.1	2086.6	2356.8	2627.0	2905.8	3184.5	3353.1	3184.5
52.5°	2677.0	2530.7	2384.5	2369.7	2354.8	2677.6	3000.4	3345.3	3690.2	3892.2	3690.2
55°	3049.5	2905.0	2760.4	2702.8	2645.1	3004.4	3363.5	3774.8	4185.9	4426.3	4185.9
57.5°	3388.2	3309.6	3230.9	3115.2	2999.7	3362.3	3725.0	4190.7	4656.5	4954.4	4656.5
60°	3593.0	3715.2	3837.5	3693.9	3550.3	3893.6	4236.7	4735.4	5234.1	5556.1	5234.1
62.5°	3489.1	3823.0	4157.0	4140.8	4124.6	4439.1	4753.4	5227.9	5702.3	5999.9	5702.3
65°	3280.9	3594.4	3907.8	3969.8	4031.8	4431.4	4831.0	5291.0	5751.1	6004.6	5751.1
67.5°	3002.1	3300.2	3598.4	3627.5	3656.5	4072.8	4489.1	4951.2	5413.1	5611.7	5413.1
70°	2667.2	2991.4	3315.7	3328.7	3341.7	3714.0	4086.3	4483.9	4881.5	4991.8	4881.5
72.5°	2267.9	2640.0	3012.2	3021.5	3030.8	3322.1	3613.3	3911.2	4208.9	4220.0	4208.9
75°	1762.9	2148.0	2533.2	2567.7	2602.3	2828.9	3055.5	3265.1	3474.7	3418.6	3474.7
77.5°	1259.5	1619.1	1978.6	2028.1	2077.6	2249.9	2422.1	2570.8	2719.4	2623.0	2719.4
80°	824.4	1126.8	1429.3	1490.8	1552.3	1682.4	1812.4	1890.5	1968.6	1813.3	1968.6
82.5°	479.2	685.9	892.8	961.4	1030.2	1119.7	1209.3	1241.9	1274.4	1152.4	1274.4
85°	210.8	320.6	430.3	488.7	547.2	620.8	694.3	712.9	731.3	633.6	731.3
87.5°	65.3	102.2	139.0	171.7	204.3	241.1	277.9	279.4	281.0	235.9	281.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	873.3	871.9	869.2	866.4	861.8	857.2	854.0	850.7	844.3	837.7	830.8
5°	975.6	971.9	965.9	959.8	948.5	937.4	926.1	914.8	900.5	886.0	871.7
7.5°	1074.0	1068.7	1058.7	1048.8	1032.3	1015.9	997.5	979.2	955.4	931.6	909.7
10°	1139.2	1134.0	1122.3	1110.6	1091.2	1071.8	1050.2	1028.5	998.5	968.3	939.3
12.5°	1160.5	1157.6	1149.1	1140.6	1123.2	1105.7	1082.2	1058.7	1025.7	992.6	959.7
15°	1137.1	1140.2	1139.9	1139.6	1128.6	1117.7	1097.4	1077.1	1042.6	1008.2	972.5
17.5°	1079.3	1090.6	1102.9	1115.2	1115.0	1114.8	1101.2	1087.4	1052.5	1017.5	978.6
20°	1005.5	1025.2	1052.4	1079.5	1094.0	1108.3	1103.6	1098.8	1062.5	1026.1	983.4
22.5°	935.2	959.9	999.9	1039.8	1069.6	1099.5	1105.8	1112.0	1074.9	1037.8	989.8
25°	875.9	901.9	950.4	998.9	1044.2	1089.6	1109.3	1129.0	1092.6	1056.3	1001.4
27.5°	828.3	853.9	907.6	961.3	1021.4	1081.5	1116.8	1152.1	1117.5	1082.7	1019.7
30°	794.5	818.2	874.1	930.1	1004.1	1078.0	1130.6	1183.2	1149.6	1116.2	1043.2
32.5°	784.7	803.3	856.0	908.6	992.2	1075.8	1147.9	1220.0	1186.7	1153.6	1067.8
35°	836.5	840.8	877.4	913.9	1001.1	1088.2	1176.4	1264.5	1232.8	1201.0	1095.9
37.5°	988.9	969.1	971.5	973.9	1053.1	1132.3	1236.0	1339.7	1299.2	1258.7	1127.4
40°	1241.3	1193.0	1151.4	1109.9	1168.7	1227.6	1340.5	1453.2	1394.2	1335.2	1167.3
42.5°	1581.4	1493.5	1402.8	1312.1	1346.0	1380.1	1491.9	1603.8	1518.6	1433.5	1219.4
45°	1993.7	1849.4	1704.1	1558.7	1573.7	1588.7	1689.2	1789.8	1674.8	1559.9	1288.1
47.5°	2451.1	2239.8	2030.3	1820.6	1823.7	1826.8	1924.5	2022.3	1860.6	1698.8	1361.3
50°	2905.8	2627.0	2356.8	2086.6	2086.1	2085.6	2206.3	2327.1	2083.3	1839.5	1429.2
52.5°	3345.3	3000.4	2677.6	2354.8	2369.7	2384.5	2530.7	2677.0	2317.2	1957.4	1473.2
55°	3774.8	3363.5	3004.4	2645.1	2702.8	2760.4	2905.0	3049.5	2524.7	1999.9	1463.5
57.5°	4190.7	3725.0	3362.3	2999.7	3115.2	3230.9	3309.6	3388.2	2671.7	1955.0	1395.1
60°	4735.4	4236.7	3893.6	3550.3	3693.9	3837.5	3715.2	3593.0	2708.4	1823.7	1267.9
62.5°	5227.9	4753.4	4439.1	4124.6	4140.8	4157.0	3823.0	3489.1	2553.7	1618.4	1095.8
65°	5291.0	4831.0	4431.4	4031.8	3969.8	3907.8	3594.4	3280.9	2334.8	1388.8	920.3
67.5°	4951.2	4489.1	4072.8	3656.5	3627.5	3598.4	3300.2	3002.1	2074.4	1146.7	748.4
70°	4483.9	4086.3	3714.0	3341.7	3328.7	3315.7	2991.4	2667.2	1790.3	913.3	589.3
72.5°	3911.2	3613.3	3322.1	3030.8	3021.5	3012.2	2640.0	2267.9	1482.1	696.4	450.5
75°	3265.1	3055.5	2828.9	2602.3	2567.7	2533.2	2148.0	1762.9	1129.0	495.1	327.0
77.5°	2570.8	2422.1	2249.9	2077.6	2028.1	1978.6	1619.1	1259.5	790.2	320.8	221.5
80°	1890.5	1812.4	1682.4	1552.3	1490.8	1429.3	1126.8	824.4	509.1	193.8	142.8
82.5°	1241.9	1209.3	1119.7	1030.2	961.4	892.8	685.9	479.2	294.7	110.2	87.8
85°	712.9	694.3	620.8	547.2	488.7	430.3	320.6	210.8	132.5	54.3	46.9
87.5°	279.4	277.9	241.1	204.3	171.7	139.0	102.2	65.3	43.5	21.5	19.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	823.9	816.9	809.9	803.2	796.5	790.1	782.9	777.1	771.2	766.0	760.8
5°	857.2	842.8	828.3	814.8	801.3	788.5	775.9	765.0	754.0	744.8	735.5
7.5°	887.6	866.2	844.9	826.0	807.2	789.8	773.5	758.8	744.3	732.1	720.0
10°	910.3	884.3	858.3	836.0	813.6	792.2	774.7	759.2	743.8	731.6	719.6
12.5°	926.8	896.2	865.5	840.3	815.1	792.5	776.2	763.5	751.0	742.9	734.9
15°	936.7	901.5	866.2	837.0	807.8	782.8	769.8	763.7	757.7	758.8	759.8
17.5°	939.6	898.6	857.7	822.6	787.4	758.1	750.0	752.2	754.4	767.6	780.8
20°	940.5	890.9	841.2	797.7	754.2	720.0	717.8	728.2	738.4	761.5	784.4
22.5°	941.8	881.4	820.9	768.5	716.1	677.1	681.3	696.6	711.9	738.1	764.3
25°	946.6	872.0	797.3	735.9	674.6	634.7	645.9	663.5	681.1	704.7	728.3
27.5°	956.6	865.6	774.7	706.1	637.6	601.3	614.9	631.9	648.9	668.3	687.7
30°	970.3	862.7	755.1	681.2	607.4	577.0	587.6	601.2	614.7	630.8	646.9
32.5°	982.2	859.1	735.9	659.8	583.6	559.0	563.9	571.7	579.7	592.7	605.5
35°	990.9	852.2	713.7	638.7	563.8	543.2	541.3	543.5	545.7	555.4	565.3
37.5°	996.0	840.5	684.9	613.9	542.8	524.9	517.6	515.3	512.8	519.9	526.8
40°	999.3	824.3	649.3	584.2	519.2	502.9	491.8	486.3	480.8	485.8	491.0
42.5°	1005.4	807.6	609.9	551.6	493.2	478.3	464.3	457.0	449.8	453.9	458.1
45°	1016.3	792.1	568.0	516.8	465.7	450.5	437.0	429.9	422.8	426.3	429.8
47.5°	1023.7	779.3	534.8	489.3	443.8	424.2	412.7	406.7	400.8	404.1	407.2
50°	1018.8	765.3	511.8	471.1	430.4	404.7	391.1	385.9	380.6	385.7	390.8
52.5°	988.9	741.7	494.6	459.1	423.6	394.0	375.2	369.9	364.8	372.4	380.1
55°	927.1	702.6	478.1	450.4	422.6	395.1	366.6	358.4	350.1	361.1	372.0
57.5°	835.3	647.5	459.6	440.0	420.5	396.2	361.5	349.5	337.5	349.2	361.0
60°	712.2	575.8	439.6	424.2	408.9	392.9	356.8	341.2	325.5	335.9	346.1
62.5°	573.4	490.3	407.0	396.8	386.6	384.7	351.2	331.7	312.2	318.8	325.3
65°	451.9	413.2	374.3	369.5	364.7	364.9	339.4	318.7	298.0	300.5	303.0
67.5°	350.1	339.1	328.0	330.8	333.4	332.7	318.4	301.1	283.9	283.1	282.3
70°	265.2	268.3	271.4	283.9	296.4	296.4	291.7	279.5	267.2	264.4	261.8
72.5°	204.6	214.0	223.6	241.3	259.0	262.0	262.1	253.7	245.3	241.2	237.3
75°	158.9	167.5	176.1	196.0	215.8	229.5	228.4	221.9	215.4	211.6	207.7
77.5°	122.3	128.1	134.1	153.3	172.6	195.2	194.5	189.4	184.2	180.3	176.4
80°	91.6	94.1	96.6	112.9	129.1	156.2	156.1	151.8	147.4	144.1	140.8
82.5°	65.5	65.9	66.4	78.4	90.5	113.6	114.8	112.6	110.6	108.2	106.0
85°	39.7	39.4	39.2	48.0	56.8	73.9	75.5	73.3	71.0	68.5	65.9
87.5°	17.3	17.1	16.9	20.5	24.1	31.3	33.4	32.5	31.6	31.1	30.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	756.1	751.6	747.0	742.4	738.8	735.2	732.4	729.5	727.2	725.0	722.9
5°	727.3	719.2	711.9	704.5	698.7	693.1	689.1	685.1	682.3	679.5	677.3
7.5°	709.7	699.5	690.4	681.4	674.7	667.9	663.2	658.4	655.2	651.9	650.0
10°	708.5	697.5	687.3	677.1	669.0	660.9	655.7	650.4	647.3	644.2	642.6
12.5°	726.2	717.6	707.0	696.6	686.2	675.9	669.1	662.3	658.9	655.4	654.1
15°	757.6	755.3	746.2	737.1	722.4	707.7	697.3	687.0	682.1	677.4	675.6
17.5°	787.9	794.9	787.5	780.2	760.8	741.3	726.0	710.6	703.7	696.6	694.2
20°	799.2	813.8	810.5	807.1	784.8	762.6	743.8	725.1	716.1	707.0	704.2
22.5°	783.5	802.7	804.7	806.8	785.6	764.2	745.0	725.6	716.2	706.6	703.4
25°	747.1	766.0	773.1	780.0	762.6	745.3	728.1	710.9	702.6	694.4	691.5
27.5°	702.7	717.9	725.7	733.6	721.2	708.8	695.5	682.1	676.6	671.1	669.7
30°	659.4	672.0	678.3	684.7	675.3	665.8	656.3	646.7	643.9	641.0	641.0
32.5°	617.6	629.6	636.6	643.7	635.1	626.4	618.7	611.1	609.3	607.4	607.6
35°	577.2	589.1	597.6	606.1	599.9	593.8	586.7	579.6	576.9	574.1	573.5
37.5°	538.7	550.6	561.2	571.6	568.8	565.9	559.4	553.0	547.9	542.7	540.1
40°	502.5	513.9	526.0	538.1	538.8	539.5	533.9	528.5	521.0	513.6	508.6
42.5°	468.9	479.8	492.8	505.9	509.4	512.9	508.3	503.7	494.4	485.1	477.9
45°	440.1	450.5	464.0	477.5	482.6	487.6	483.4	479.2	468.6	458.1	449.5
47.5°	417.4	427.4	440.7	454.2	459.9	465.7	462.8	459.8	450.5	441.1	433.1
50°	400.4	409.9	421.9	433.8	441.3	448.6	448.4	448.3	440.7	433.3	425.9
52.5°	388.8	397.5	408.7	419.8	428.7	437.4	439.0	440.5	434.4	428.2	421.7
55°	381.4	390.7	400.6	410.3	419.5	428.9	431.1	433.3	427.9	422.6	416.9
57.5°	372.0	383.0	392.7	402.4	411.7	421.2	423.3	425.6	420.1	414.7	409.1
60°	358.9	371.6	381.3	391.1	400.6	410.0	412.5	414.8	409.6	404.3	398.4
62.5°	340.1	354.9	365.3	375.9	384.5	393.1	395.4	397.8	393.0	388.3	382.0
65°	318.8	334.7	344.7	354.8	362.3	369.9	372.3	374.6	370.1	365.5	359.5
67.5°	296.9	311.6	321.1	330.6	337.1	343.7	346.0	348.4	344.1	340.0	334.4
70°	274.6	287.5	295.7	303.9	309.8	315.7	318.0	320.2	316.8	313.3	308.0
72.5°	247.4	257.5	264.9	272.3	278.1	283.9	286.6	289.3	286.4	283.5	278.5
75°	215.2	222.7	229.5	236.2	241.5	246.7	249.6	252.4	250.9	249.6	245.3
77.5°	182.6	188.7	194.4	200.2	205.7	211.3	213.9	216.5	214.5	212.6	208.3
80°	146.0	151.0	155.9	160.7	164.9	169.1	172.6	176.1	175.3	174.5	168.6
82.5°	105.6	105.1	103.4	101.7	110.7	119.7	125.6	131.4	131.1	130.7	125.8
85°	63.7	61.5	56.8	52.1	60.5	68.9	76.2	83.4	82.9	82.3	78.4
87.5°	30.5	30.4	26.9	23.3	26.8	30.3	33.2	36.2	35.5	34.6	32.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	720.9	718.3	720.9	722.9	725.0	727.2	729.5	732.4	735.2	738.8	742.4
5°	675.2	673.0	675.2	677.3	679.5	682.3	685.1	689.1	693.1	698.7	704.5
7.5°	648.1	646.7	648.1	650.0	651.9	655.2	658.4	663.2	667.9	674.7	681.4
10°	640.9	640.2	640.9	642.6	644.2	647.3	650.4	655.7	660.9	669.0	677.1
12.5°	652.6	652.4	652.6	654.1	655.4	658.9	662.3	669.1	675.9	686.2	696.6
15°	673.8	673.6	673.8	675.6	677.4	682.1	687.0	697.3	707.7	722.4	737.1
17.5°	691.9	691.6	691.9	694.2	696.6	703.7	710.6	726.0	741.3	760.8	780.2
20°	701.3	700.4	701.3	704.2	707.0	716.1	725.1	743.8	762.6	784.8	807.1
22.5°	700.2	698.8	700.2	703.4	706.6	716.2	725.6	745.0	764.2	785.6	806.8
25°	688.5	686.7	688.5	691.5	694.4	702.6	710.9	728.1	745.3	762.6	780.0
27.5°	668.3	667.9	668.3	669.7	671.1	676.6	682.1	695.5	708.8	721.2	733.6
30°	641.0	641.4	641.0	641.0	641.0	643.9	646.7	656.3	665.8	675.3	684.7
32.5°	607.9	608.3	607.9	607.6	607.4	609.3	611.1	618.7	626.4	635.1	643.7
35°	572.9	572.6	572.9	573.5	574.1	576.9	579.6	586.7	593.8	599.9	606.1
37.5°	537.3	535.9	537.3	540.1	542.7	547.9	553.0	559.4	565.9	568.8	571.6
40°	503.6	500.6	503.6	508.6	513.6	521.0	528.5	533.9	539.5	538.8	538.1
42.5°	470.5	465.7	470.5	477.9	485.1	494.4	503.7	508.3	512.9	509.4	505.9
45°	440.9	435.3	440.9	449.5	458.1	468.6	479.2	483.4	487.6	482.6	477.5
47.5°	425.2	419.8	425.2	433.1	441.1	450.5	459.8	462.8	465.7	459.9	454.2
50°	418.6	413.5	418.6	425.9	433.3	440.7	448.3	448.4	448.6	441.3	433.8
52.5°	415.1	410.4	415.1	421.7	428.2	434.4	440.5	439.0	437.4	428.7	419.8
55°	411.0	406.8	411.0	416.9	422.6	427.9	433.3	431.1	428.9	419.5	410.3
57.5°	403.3	398.9	403.3	409.1	414.7	420.1	425.6	423.3	421.2	411.7	402.4
60°	392.6	388.0	392.6	398.4	404.3	409.6	414.8	412.5	410.0	400.6	391.1
62.5°	375.9	370.3	375.9	382.0	388.3	393.0	397.8	395.4	393.1	384.5	375.9
65°	353.5	348.8	353.5	359.5	365.5	370.1	374.6	372.3	369.9	362.3	354.8
67.5°	328.8	324.5	328.8	334.4	340.0	344.1	348.4	346.0	343.7	337.1	330.6
70°	302.7	297.8	302.7	308.0	313.3	316.8	320.2	318.0	315.7	309.8	303.9
72.5°	273.4	268.7	273.4	278.5	283.5	286.4	289.3	286.6	283.9	278.1	272.3
75°	241.0	236.5	241.0	245.3	249.6	250.9	252.4	249.6	246.7	241.5	236.2
77.5°	204.0	200.4	204.0	208.3	212.6	214.5	216.5	213.9	211.3	205.7	200.2
80°	162.8	156.0	162.8	168.6	174.5	175.3	176.1	172.6	169.1	164.9	160.7
82.5°	120.8	116.5	120.8	125.8	130.7	131.1	131.4	125.6	119.7	110.7	101.7
85°	74.6	70.7	74.6	78.4	82.3	82.9	83.4	76.2	68.9	60.5	52.1
87.5°	30.7	28.8	30.7	32.7	34.6	35.5	36.2	33.2	30.3	26.8	23.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	747.0	751.6	756.1	760.8	766.0	771.2	777.1	782.9	790.1	796.5	803.2
5°	711.9	719.2	727.3	735.5	744.8	754.0	765.0	775.9	788.5	801.3	814.8
7.5°	690.4	699.5	709.7	720.0	732.1	744.3	758.8	773.5	789.8	807.2	826.0
10°	687.3	697.5	708.5	719.6	731.6	743.8	759.2	774.7	792.2	813.6	836.0
12.5°	707.0	717.6	726.2	734.9	742.9	751.0	763.5	776.2	792.5	815.1	840.3
15°	746.2	755.3	757.6	759.8	758.8	757.7	763.7	769.8	782.8	807.8	837.0
17.5°	787.5	794.9	787.9	780.8	767.6	754.4	752.2	750.0	758.1	787.4	822.6
20°	810.5	813.8	799.2	784.4	761.5	738.4	728.2	717.8	720.0	754.2	797.7
22.5°	804.7	802.7	783.5	764.3	738.1	711.9	696.6	681.3	677.1	716.1	768.5
25°	773.1	766.0	747.1	728.3	704.7	681.1	663.5	645.9	634.7	674.6	735.9
27.5°	725.7	717.9	702.7	687.7	668.3	648.9	631.9	614.9	601.3	637.6	706.1
30°	678.3	672.0	659.4	646.9	630.8	614.7	601.2	587.6	577.0	607.4	681.2
32.5°	636.6	629.6	617.6	605.5	592.7	579.7	571.7	563.9	559.0	583.6	659.8
35°	597.6	589.1	577.2	565.3	555.4	545.7	543.5	541.3	543.2	563.8	638.7
37.5°	561.2	550.6	538.7	526.8	519.9	512.8	515.3	517.6	524.9	542.8	613.9
40°	526.0	513.9	502.5	491.0	485.8	480.8	486.3	491.8	502.9	519.2	584.2
42.5°	492.8	479.8	468.9	458.1	453.9	449.8	457.0	464.3	478.3	493.2	551.6
45°	464.0	450.5	440.1	429.8	426.3	422.8	429.9	437.0	450.5	465.7	516.8
47.5°	440.7	427.4	417.4	407.2	404.1	400.8	406.7	412.7	424.2	443.8	489.3
50°	421.9	409.9	400.4	390.8	385.7	380.6	385.9	391.1	404.7	430.4	471.1
52.5°	408.7	397.5	388.8	380.1	372.4	364.8	369.9	375.2	394.0	423.6	459.1
55°	400.6	390.7	381.4	372.0	361.1	350.1	358.4	366.6	395.1	422.6	450.4
57.5°	392.7	383.0	372.0	361.0	349.2	337.5	349.5	361.5	396.2	420.5	440.0
60°	381.3	371.6	358.9	346.1	335.9	325.5	341.2	356.8	392.9	408.9	424.2
62.5°	365.3	354.9	340.1	325.3	318.8	312.2	331.7	351.2	384.7	386.6	396.8
65°	344.7	334.7	318.8	303.0	300.5	298.0	318.7	339.4	364.9	364.7	369.5
67.5°	321.1	311.6	296.9	282.3	283.1	283.9	301.1	318.4	332.7	333.4	330.8
70°	295.7	287.5	274.6	261.8	264.4	267.2	279.5	291.7	296.4	296.4	283.9
72.5°	264.9	257.5	247.4	237.3	241.2	245.3	253.7	262.1	262.0	259.0	241.3
75°	229.5	222.7	215.2	207.7	211.6	215.4	221.9	228.4	229.5	215.8	196.0
77.5°	194.4	188.7	182.6	176.4	180.3	184.2	189.4	194.5	195.2	172.6	153.3
80°	155.9	151.0	146.0	140.8	144.1	147.4	151.8	156.1	156.2	129.1	112.9
82.5°	103.4	105.1	105.6	106.0	108.2	110.6	112.6	114.8	113.6	90.5	78.4
85°	56.8	61.5	63.7	65.9	68.5	71.0	73.3	75.5	73.9	56.8	48.0
87.5°	26.9	30.4	30.5	30.6	31.1	31.6	32.5	33.4	31.3	24.1	20.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P959820

CATALOG NUMBER: NAV-SB1B-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	791.1	791.1	791.1	791.1	791.1	791.1	791.1
2.5°	809.9	816.9	823.9	830.8	837.7	844.3	850.7
5°	828.3	842.8	857.2	871.7	886.0	900.5	914.8
7.5°	844.9	866.2	887.6	909.7	931.6	955.4	979.2
10°	858.3	884.3	910.3	939.3	968.3	998.5	1028.5
12.5°	865.5	896.2	926.8	959.7	992.6	1025.7	1058.7
15°	866.2	901.5	936.7	972.5	1008.2	1042.6	1077.1
17.5°	857.7	898.6	939.6	978.6	1017.5	1052.5	1087.4
20°	841.2	890.9	940.5	983.4	1026.1	1062.5	1098.8
22.5°	820.9	881.4	941.8	989.8	1037.8	1074.9	1112.0
25°	797.3	872.0	946.6	1001.4	1056.3	1092.6	1129.0
27.5°	774.7	865.6	956.6	1019.7	1082.7	1117.5	1152.1
30°	755.1	862.7	970.3	1043.2	1116.2	1149.6	1183.2
32.5°	735.9	859.1	982.2	1067.8	1153.6	1186.7	1220.0
35°	713.7	852.2	990.9	1095.9	1201.0	1232.8	1264.5
37.5°	684.9	840.5	996.0	1127.4	1258.7	1299.2	1339.7
40°	649.3	824.3	999.3	1167.3	1335.2	1394.2	1453.2
42.5°	609.9	807.6	1005.4	1219.4	1433.5	1518.6	1603.8
45°	568.0	792.1	1016.3	1288.1	1559.9	1674.8	1789.8
47.5°	534.8	779.3	1023.7	1361.3	1698.8	1860.6	2022.3
50°	511.8	765.3	1018.8	1429.2	1839.5	2083.3	2327.1
52.5°	494.6	741.7	988.9	1473.2	1957.4	2317.2	2677.0
55°	478.1	702.6	927.1	1463.5	1999.9	2524.7	3049.5
57.5°	459.6	647.5	835.3	1395.1	1955.0	2671.7	3388.2
60°	439.6	575.8	712.2	1267.9	1823.7	2708.4	3593.0
62.5°	407.0	490.3	573.4	1095.8	1618.4	2553.7	3489.1
65°	374.3	413.2	451.9	920.3	1388.8	2334.8	3280.9
67.5°	328.0	339.1	350.1	748.4	1146.7	2074.4	3002.1
70°	271.4	268.3	265.2	589.3	913.3	1790.3	2667.2
72.5°	223.6	214.0	204.6	450.5	696.4	1482.1	2267.9
75°	176.1	167.5	158.9	327.0	495.1	1129.0	1762.9
77.5°	134.1	128.1	122.3	221.5	320.8	790.2	1259.5
80°	96.6	94.1	91.6	142.8	193.8	509.1	824.4
82.5°	66.4	65.9	65.5	87.8	110.2	294.7	479.2
85°	39.2	39.4	39.7	46.9	54.3	132.5	210.8
87.5°	16.9	17.1	17.3	19.5	21.5	43.5	65.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)