

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: P959758

Luminaire Tested: **NAV-SB1B-727-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959758
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-727-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5336.2 lumens
Efficiency: N/A
Efficacy: 134.1 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

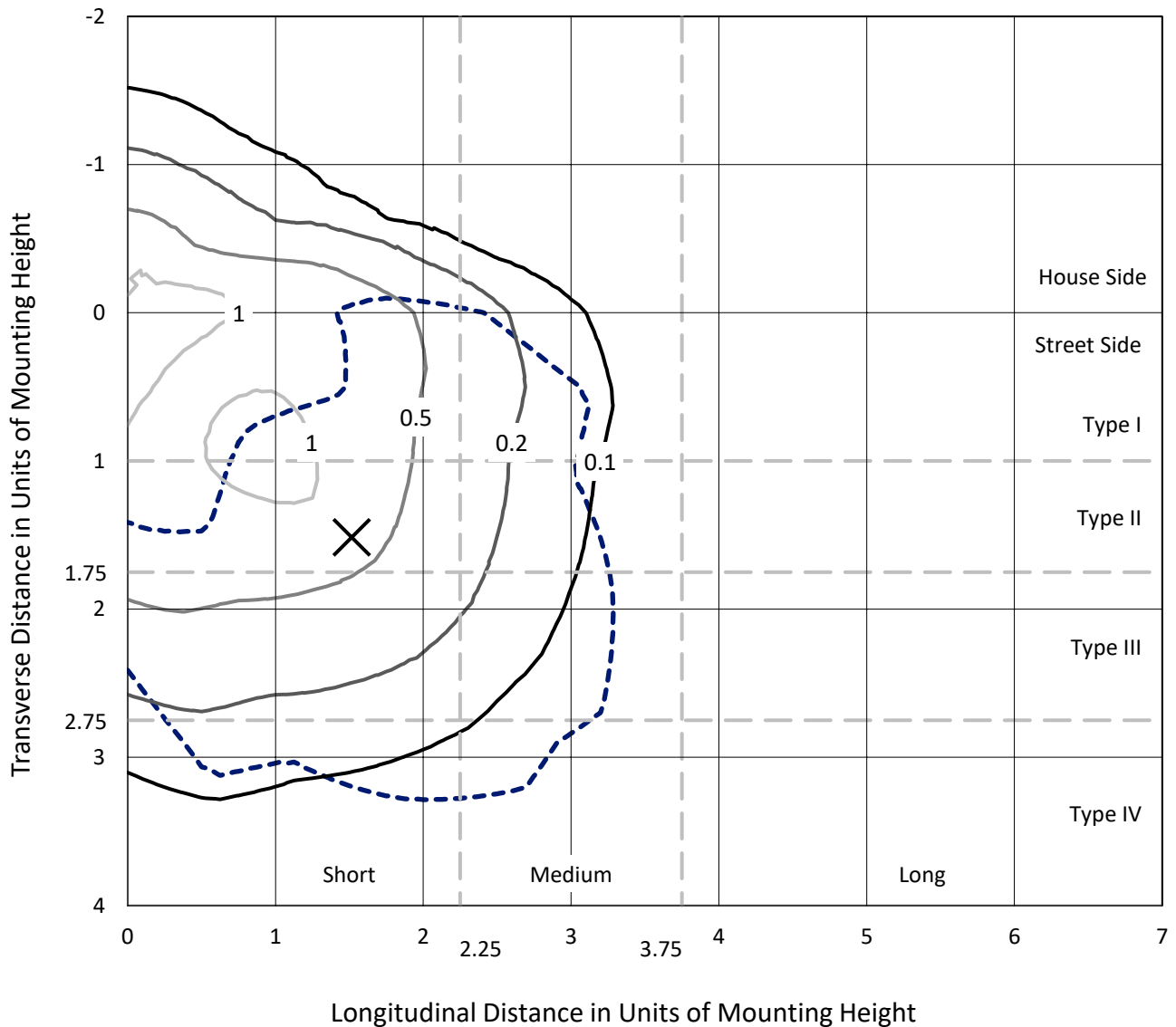
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

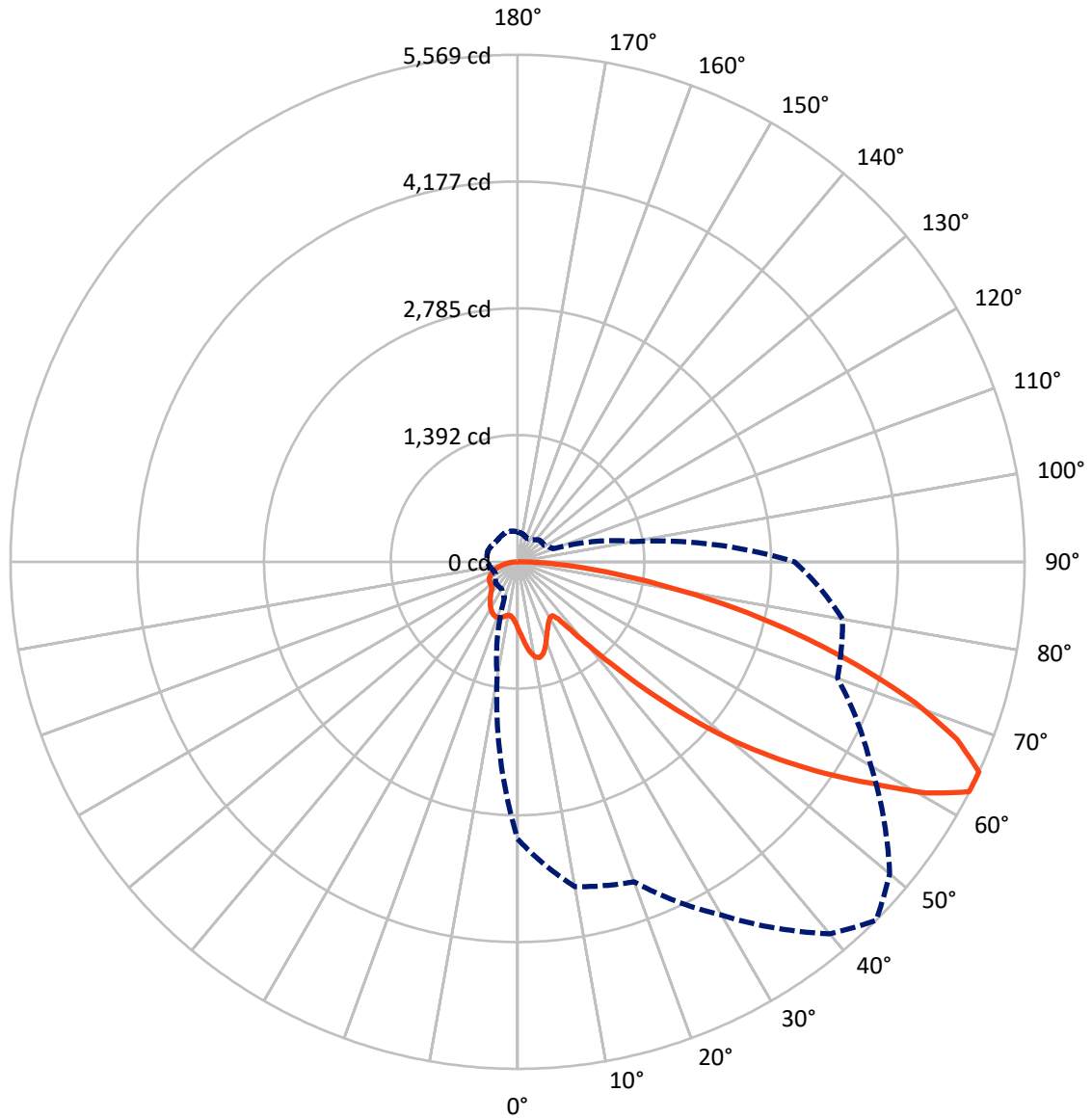
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P959758
CATALOG NUMBER: NAV-SB1B-727-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

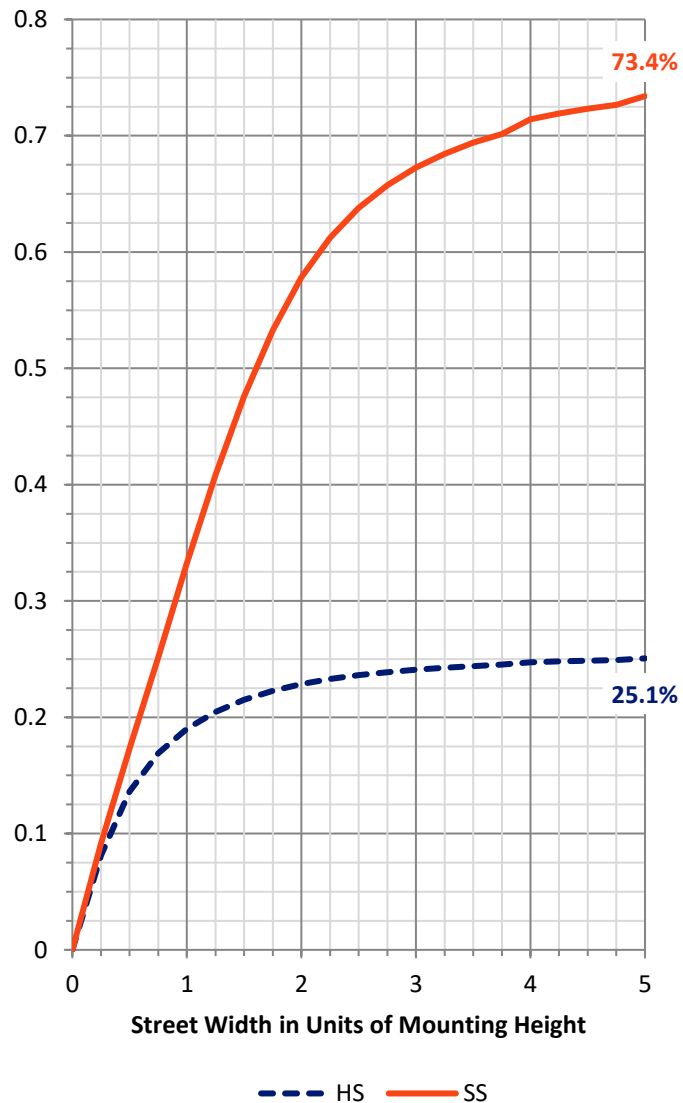
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1356.2	0.0	1356.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3980.0	0.0	3980.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	5336.2	0.0	5336.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	1.4
10°-20°	228.5	4.3
20°-30°	353.0	6.6
30°-40°	447.3	8.4
40°-50°	674.6	12.6
50°-60°	1089.9	20.4
60°-70°	1358.8	25.5
70°-80°	891.0	16.7
80°-90°	220.3	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°	5336.2	100.0
0°-180°	5336.2	100.0

Coefficient of Utilization



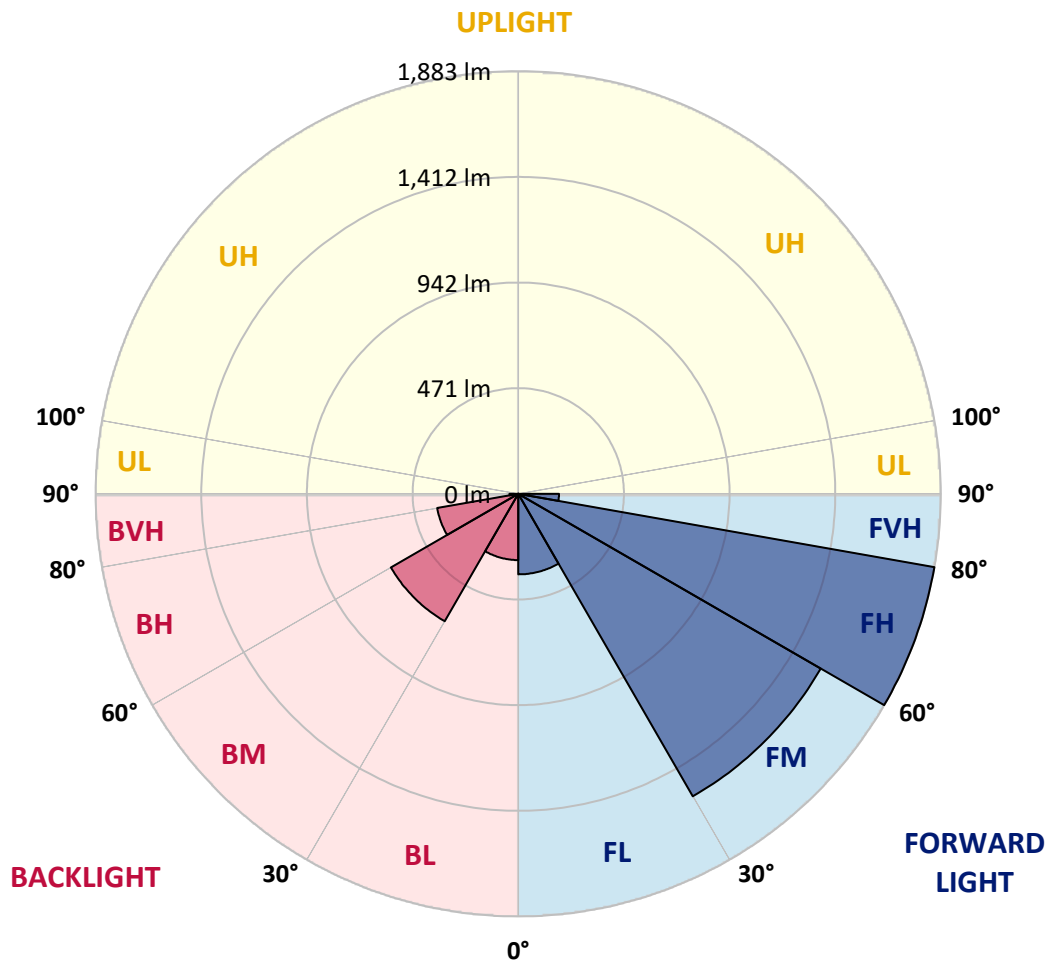
REPORT NUMBER: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	358.9	6.7			
FM (30°-60°)	1556.4	29.2			
FH (60°-80°)	1883.1	35.3			G2/5000
FVH (80°-90°)	181.5	3.4			G2/225
BL (0°-30°)	295.3	5.5	B1/500		
BM (30°-60°)	655.4	12.3	B1/1000		
BH (60°-80°)	366.7	6.9	B1/500		G1/500
BVH (80°-90°)	38.8	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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	789.0	792.1	795.1	799.3	803.6	806.2	808.6	810.0	811.2	810.7	811.2
5°	848.5	859.0	869.4	879.8	890.2	895.8	901.5	904.9	908.3	910.9	908.3
7.5°	908.2	925.2	942.2	957.5	972.7	982.0	991.2	996.2	1001.1	1003.5	1001.1
10°	954.0	974.1	994.1	1012.1	1030.0	1040.9	1051.8	1056.6	1061.4	1063.2	1061.4
12.5°	982.0	1003.8	1025.5	1041.7	1057.9	1065.8	1073.7	1076.4	1079.0	1079.2	1079.0
15°	999.0	1017.8	1036.6	1046.7	1057.0	1057.2	1057.5	1054.7	1051.9	1048.6	1051.9
17.5°	1008.6	1021.3	1034.0	1034.1	1034.3	1023.0	1011.6	1001.1	990.7	983.3	990.7
20°	1019.2	1023.6	1028.0	1014.6	1001.2	976.1	950.9	932.5	914.3	903.0	914.3
22.5°	1031.4	1025.6	1019.8	992.1	964.3	927.3	890.3	867.4	844.5	832.0	844.5
25°	1047.1	1028.9	1010.5	968.5	926.4	881.5	836.5	812.4	788.3	776.5	788.3
27.5°	1068.6	1035.9	1003.1	947.4	891.6	841.8	792.0	768.2	744.6	733.5	744.6
30°	1097.4	1048.6	999.9	931.2	862.6	810.8	758.8	736.9	714.8	704.5	714.8
32.5°	1131.5	1064.7	997.8	920.2	842.7	793.9	745.1	727.9	710.5	703.0	710.5
35°	1172.9	1091.1	1009.3	928.5	847.7	813.7	779.9	775.8	771.8	771.2	771.8
37.5°	1242.6	1146.4	1050.2	976.7	903.2	901.0	898.8	917.3	935.6	945.3	935.6
40°	1347.9	1243.2	1138.7	1084.0	1029.4	1067.9	1106.5	1151.3	1196.1	1218.3	1196.1
42.5°	1487.5	1383.7	1279.9	1248.4	1217.0	1301.1	1385.3	1466.7	1548.2	1595.9	1548.2
45°	1660.0	1566.7	1473.5	1459.6	1445.8	1580.4	1715.3	1849.1	1983.0	2064.1	1983.0
47.5°	1875.6	1784.9	1694.2	1691.5	1688.6	1883.0	2077.5	2273.3	2469.2	2584.2	2469.2
50°	2158.3	2046.3	1934.3	1934.8	1935.3	2185.9	2436.4	2695.0	2953.6	3110.0	2953.6
52.5°	2482.9	2347.2	2211.5	2197.9	2184.2	2483.5	2782.8	3102.7	3422.6	3609.9	3422.6
55°	2828.4	2694.3	2560.3	2506.8	2453.3	2786.5	3119.6	3501.0	3882.4	4105.2	3882.4
57.5°	3142.5	3069.6	2996.6	2889.4	2782.2	3118.5	3454.9	3886.9	4318.8	4595.2	4318.8
60°	3332.5	3445.8	3559.2	3426.1	3292.9	3611.2	3929.5	4392.0	4854.6	5153.3	4854.6
62.5°	3236.0	3545.8	3855.5	3840.6	3825.5	4117.1	4408.8	4848.9	5288.8	5564.9	5288.8
65°	3043.0	3333.8	3624.5	3682.0	3739.5	4110.1	4480.7	4907.4	5334.1	5569.1	5334.1
67.5°	2784.4	3061.0	3337.4	3364.4	3391.3	3777.5	4163.7	4592.1	5020.7	5204.7	5020.7
70°	2473.7	2774.5	3075.2	3087.3	3099.4	3444.7	3789.9	4158.7	4527.4	4629.8	4527.4
72.5°	2103.5	2448.6	2793.7	2802.4	2811.1	3081.1	3351.3	3627.6	3903.7	3914.1	3903.7
75°	1635.1	1992.3	2349.5	2381.5	2413.6	2623.8	2834.0	3028.4	3222.8	3170.7	3222.8
77.5°	1168.2	1501.6	1835.2	1881.0	1926.9	2086.7	2246.5	2384.4	2522.3	2432.7	2522.3
80°	764.5	1045.1	1325.6	1382.6	1439.7	1560.4	1681.0	1753.5	1825.8	1681.8	1825.8
82.5°	444.4	636.2	828.0	891.7	955.5	1038.5	1121.7	1151.8	1182.0	1068.9	1182.0
85°	195.6	297.4	399.1	453.4	507.5	575.7	644.0	661.1	678.3	587.6	678.3
87.5°	60.6	94.7	128.9	159.2	189.4	223.6	257.7	259.1	260.6	218.7	260.6
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	810.0	808.6	806.2	803.6	799.3	795.1	792.1	789.0	783.0	776.9	770.5
5°	904.9	901.5	895.8	890.2	879.8	869.4	859.0	848.5	835.2	821.7	808.4
7.5°	996.2	991.2	982.0	972.7	957.5	942.2	925.2	908.2	886.1	864.1	843.7
10°	1056.6	1051.8	1040.9	1030.0	1012.1	994.1	974.1	954.0	926.1	898.1	871.2
12.5°	1076.4	1073.7	1065.8	1057.9	1041.7	1025.5	1003.8	982.0	951.3	920.7	890.1
15°	1054.7	1057.5	1057.2	1057.0	1046.7	1036.6	1017.8	999.0	967.1	935.1	902.0
17.5°	1001.1	1011.6	1023.0	1034.3	1034.1	1034.0	1021.3	1008.6	976.2	943.7	907.6
20°	932.5	950.9	976.1	1001.2	1014.6	1028.0	1023.6	1019.2	985.4	951.7	912.0
22.5°	867.4	890.3	927.3	964.3	992.1	1019.8	1025.6	1031.4	997.0	962.6	918.0
25°	812.4	836.5	881.5	926.4	968.5	1010.5	1028.9	1047.1	1013.4	979.7	928.9
27.5°	768.2	792.0	841.8	891.6	947.4	1003.1	1035.9	1068.6	1036.4	1004.2	945.8
30°	736.9	758.8	810.8	862.6	931.2	999.9	1048.6	1097.4	1066.3	1035.2	967.6
32.5°	727.9	745.1	793.9	842.7	920.2	997.8	1064.7	1131.5	1100.7	1070.0	990.5
35°	775.8	779.9	813.7	847.7	928.5	1009.3	1091.1	1172.9	1143.4	1114.0	1016.5
37.5°	917.3	898.8	901.0	903.2	976.7	1050.2	1146.4	1242.6	1205.0	1167.5	1045.6
40°	1151.3	1106.5	1067.9	1029.4	1084.0	1138.7	1243.2	1347.9	1293.1	1238.4	1082.6
42.5°	1466.7	1385.3	1301.1	1217.0	1248.4	1279.9	1383.7	1487.5	1408.6	1329.5	1131.0
45°	1849.1	1715.3	1580.4	1445.8	1459.6	1473.5	1566.7	1660.0	1553.4	1446.8	1194.7
47.5°	2273.3	2077.5	1883.0	1688.6	1691.5	1694.2	1784.9	1875.6	1725.7	1575.6	1262.6
50°	2695.0	2436.4	2185.9	1935.3	1934.8	1934.3	2046.3	2158.3	1932.2	1706.1	1325.5
52.5°	3102.7	2782.8	2483.5	2184.2	2197.9	2211.5	2347.2	2482.9	2149.2	1815.6	1366.4
55°	3501.0	3119.6	2786.5	2453.3	2506.8	2560.3	2694.3	2828.4	2341.6	1854.8	1357.4
57.5°	3886.9	3454.9	3118.5	2782.2	2889.4	2996.6	3069.6	3142.5	2477.9	1813.2	1294.0
60°	4392.0	3929.5	3611.2	3292.9	3426.1	3559.2	3445.8	3332.5	2512.0	1691.5	1176.0
62.5°	4848.9	4408.8	4117.1	3825.5	3840.6	3855.5	3545.8	3236.0	2368.6	1501.0	1016.4
65°	4907.4	4480.7	4110.1	3739.5	3682.0	3624.5	3333.8	3043.0	2165.5	1288.0	853.6
67.5°	4592.1	4163.7	3777.5	3391.3	3364.4	3337.4	3061.0	2784.4	1924.0	1063.5	694.1
70°	4158.7	3789.9	3444.7	3099.4	3087.3	3075.2	2774.5	2473.7	1660.4	847.1	546.5
72.5°	3627.6	3351.3	3081.1	2811.1	2802.4	2793.7	2448.6	2103.5	1374.6	646.0	417.8
75°	3028.4	2834.0	2623.8	2413.6	2381.5	2349.5	1992.3	1635.1	1047.1	459.2	303.3
77.5°	2384.4	2246.5	2086.7	1926.9	1881.0	1835.2	1501.6	1168.2	732.9	297.6	205.5
80°	1753.5	1681.0	1560.4	1439.7	1382.6	1325.6	1045.1	764.5	472.2	179.8	132.4
82.5°	1151.8	1121.7	1038.5	955.5	891.7	828.0	636.2	444.4	273.3	102.2	81.4
85°	661.1	644.0	575.7	507.5	453.4	399.1	297.4	195.6	122.9	50.3	43.6
87.5°	259.1	257.7	223.6	189.4	159.2	128.9	94.7	60.6	40.3	20.0	18.0
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	764.1	757.7	751.1	745.0	738.8	732.8	726.1	720.7	715.3	710.4	705.6
5°	795.1	781.7	768.2	755.7	743.2	731.3	719.7	709.5	699.3	690.7	682.1
7.5°	823.3	803.5	783.6	766.1	748.7	732.5	717.4	703.8	690.2	679.0	667.8
10°	844.3	820.2	796.0	775.4	754.7	734.7	718.5	704.2	689.9	678.7	667.4
12.5°	859.7	831.2	802.8	779.3	755.9	735.0	720.0	708.2	696.6	689.0	681.6
15°	868.9	836.1	803.4	776.2	749.2	726.0	713.9	708.3	702.7	703.8	704.8
17.5°	871.6	833.5	795.5	762.9	730.3	703.0	695.6	697.7	699.7	712.0	724.3
20°	872.4	826.3	780.2	739.8	699.5	667.8	665.7	675.4	684.9	706.2	727.5
22.5°	873.5	817.4	761.4	712.8	664.2	628.0	631.9	646.1	660.2	684.6	708.9
25°	877.9	808.7	739.5	682.5	625.7	588.7	599.0	615.4	631.7	653.5	675.5
27.5°	887.2	802.9	718.5	655.0	591.3	557.6	570.3	586.1	601.9	619.8	637.9
30°	900.0	800.1	700.3	631.9	563.4	535.2	545.1	557.6	570.1	585.1	599.9
32.5°	910.9	796.7	682.5	611.9	541.3	518.5	523.0	530.3	537.7	549.6	561.6
35°	919.0	790.4	661.9	592.3	522.9	503.9	502.0	504.1	506.1	515.2	524.3
37.5°	923.7	779.5	635.3	569.4	503.5	486.9	480.1	477.9	475.6	482.2	488.6
40°	926.8	764.5	602.3	541.9	481.4	466.4	456.1	451.0	446.0	450.7	455.3
42.5°	932.5	749.1	565.6	511.6	457.5	443.6	430.7	423.9	417.2	421.0	424.9
45°	942.6	734.6	526.7	479.4	431.9	417.9	405.3	398.7	392.2	395.3	398.6
47.5°	949.5	722.7	496.1	453.9	411.6	393.5	382.7	377.2	371.7	374.7	377.7
50°	944.9	709.8	474.7	437.0	399.2	375.4	362.8	357.9	353.0	357.7	362.5
52.5°	917.2	687.9	458.7	425.8	392.9	365.5	348.0	343.2	338.4	345.4	352.5
55°	859.9	651.7	443.4	417.7	392.0	366.4	340.1	332.4	324.8	334.9	345.0
57.5°	774.7	600.5	426.3	408.2	390.0	367.5	335.4	324.2	313.0	323.9	334.8
60°	660.5	534.1	407.7	393.5	379.2	364.4	330.9	316.4	302.0	311.5	321.0
62.5°	531.9	454.7	377.5	368.1	358.5	356.7	325.7	307.6	289.6	295.6	301.7
65°	419.2	383.1	347.2	342.7	338.2	338.5	314.8	295.6	276.3	278.7	281.1
67.5°	324.7	314.5	304.2	306.8	309.2	308.6	295.3	279.3	263.3	262.6	261.9
70°	246.0	248.9	251.7	263.4	274.9	274.9	270.6	259.2	247.8	245.3	242.7
72.5°	189.7	198.5	207.4	223.9	240.3	243.0	243.0	235.2	227.4	223.8	220.1
75°	147.3	155.3	163.3	181.7	200.2	212.9	211.8	205.8	199.8	196.2	192.7
77.5°	113.4	118.9	124.3	142.2	160.1	181.0	180.5	175.7	170.9	167.3	163.7
80°	85.1	87.3	89.6	104.7	119.8	144.8	144.8	140.7	136.7	133.7	130.7
82.5°	60.8	61.2	61.6	72.8	83.9	105.3	106.5	104.6	102.5	100.4	98.3
85°	36.7	36.6	36.3	44.5	52.7	68.6	70.1	68.0	65.9	63.4	61.1
87.5°	16.1	15.9	15.7	19.1	22.3	29.0	31.0	30.1	29.3	28.8	28.4
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	701.4	697.1	692.8	688.6	685.3	681.9	679.3	676.6	674.6	672.4	670.6
5°	674.7	667.1	660.2	653.3	648.1	642.8	639.1	635.4	632.8	630.2	628.2
7.5°	658.3	648.7	640.3	632.0	625.7	619.4	615.1	610.7	607.6	604.6	602.9
10°	657.1	646.9	637.4	628.0	620.5	613.1	608.1	603.2	600.3	597.5	595.9
12.5°	673.5	665.5	655.8	646.1	636.5	626.9	620.5	614.3	611.1	607.9	606.6
15°	702.6	700.6	692.1	683.7	670.0	656.4	646.8	637.1	632.7	628.3	626.6
17.5°	730.8	737.3	730.4	723.6	705.6	687.6	673.3	659.2	652.6	646.1	643.9
20°	741.2	754.9	751.7	748.6	728.0	707.2	689.9	672.5	664.2	655.8	653.1
22.5°	726.7	744.5	746.4	748.2	728.6	708.9	691.0	673.0	664.2	655.4	652.4
25°	693.0	710.4	717.0	723.4	707.4	691.2	675.3	659.4	651.7	644.1	641.3
27.5°	651.8	665.8	673.1	680.4	668.9	657.4	645.0	632.7	627.6	622.4	621.2
30°	611.6	623.2	629.1	635.1	626.3	617.6	608.6	599.8	597.2	594.5	594.5
32.5°	572.8	583.9	590.5	597.1	589.0	581.0	573.9	566.8	565.1	563.3	563.5
35°	535.4	546.4	554.2	562.1	556.4	550.7	544.2	537.6	535.0	532.5	531.9
37.5°	499.7	510.8	520.5	530.2	527.6	524.9	518.9	512.9	508.1	503.4	500.9
40°	466.0	476.6	487.8	499.1	499.7	500.3	495.3	490.2	483.2	476.3	471.7
42.5°	434.9	445.1	457.2	469.2	472.4	475.7	471.4	467.1	458.5	450.0	443.2
45°	408.3	417.8	430.4	442.9	447.5	452.2	448.3	444.4	434.6	424.9	416.9
47.5°	387.1	396.5	408.9	421.3	426.6	431.9	429.3	426.5	417.8	409.1	401.7
50°	371.4	380.2	391.2	402.3	409.2	416.2	415.9	415.8	408.9	401.9	395.0
52.5°	360.6	368.7	379.0	389.4	397.5	405.7	407.1	408.6	402.9	397.2	391.1
55°	353.7	362.4	371.5	380.6	389.2	397.8	399.9	401.9	396.9	392.0	386.6
57.5°	345.0	355.3	364.3	373.2	381.9	390.6	392.7	394.7	389.7	384.7	379.4
60°	332.8	344.6	353.7	362.8	371.6	380.3	382.5	384.8	379.9	374.9	369.5
62.5°	315.4	329.1	338.9	348.6	356.6	364.6	366.7	368.9	364.5	360.1	354.3
65°	295.7	310.5	319.7	329.0	336.1	343.1	345.3	347.5	343.3	339.0	333.4
67.5°	275.4	289.0	297.9	306.6	312.7	318.8	320.9	323.1	319.2	315.3	310.2
70°	254.7	266.6	274.3	281.9	287.3	292.8	294.9	297.0	293.9	290.6	285.7
72.5°	229.5	238.8	245.7	252.6	258.0	263.3	265.8	268.2	265.7	263.0	258.3
75°	199.7	206.6	212.8	219.0	224.0	228.9	231.4	234.0	232.8	231.4	227.4
77.5°	169.3	175.0	180.3	185.7	190.9	196.0	198.4	200.8	199.1	197.1	193.1
80°	135.4	140.1	144.6	149.1	153.0	156.9	160.1	163.3	162.6	161.7	156.4
82.5°	97.9	97.5	95.9	94.3	102.7	111.0	116.4	121.9	121.6	121.3	116.6
85°	59.0	57.0	52.7	48.3	56.1	64.0	70.6	77.4	76.9	76.3	72.8
87.5°	28.3	28.2	24.9	21.5	24.8	28.1	30.9	33.5	32.9	32.2	30.3
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	668.6	666.1	668.6	670.6	672.4	674.6	676.6	679.3	681.9	685.3	688.6
5°	626.2	624.2	626.2	628.2	630.2	632.8	635.4	639.1	642.8	648.1	653.3
7.5°	601.1	599.7	601.1	602.9	604.6	607.6	610.7	615.1	619.4	625.7	632.0
10°	594.4	593.8	594.4	595.9	597.5	600.3	603.2	608.1	613.1	620.5	628.0
12.5°	605.4	605.1	605.4	606.6	607.9	611.1	614.3	620.5	626.9	636.5	646.1
15°	624.9	624.8	624.9	626.6	628.3	632.7	637.1	646.8	656.4	670.0	683.7
17.5°	641.8	641.4	641.8	643.9	646.1	652.6	659.2	673.3	687.6	705.6	723.6
20°	650.5	649.5	650.5	653.1	655.8	664.2	672.5	689.9	707.2	728.0	748.6
22.5°	649.4	648.2	649.4	652.4	655.4	664.2	673.0	691.0	708.9	728.6	748.2
25°	638.6	636.9	638.6	641.3	644.1	651.7	659.4	675.3	691.2	707.4	723.4
27.5°	619.9	619.4	619.9	621.2	622.4	627.6	632.7	645.0	657.4	668.9	680.4
30°	594.5	594.9	594.5	594.5	594.5	597.2	599.8	608.6	617.6	626.3	635.1
32.5°	563.9	564.3	563.9	563.5	563.3	565.1	566.8	573.9	581.0	589.0	597.1
35°	531.4	531.1	531.4	531.9	532.5	535.0	537.6	544.2	550.7	556.4	562.1
37.5°	498.4	496.9	498.4	500.9	503.4	508.1	512.9	518.9	524.9	527.6	530.2
40°	467.1	464.3	467.1	471.7	476.3	483.2	490.2	495.3	500.3	499.7	499.1
42.5°	436.3	431.9	436.3	443.2	450.0	458.5	467.1	471.4	475.7	472.4	469.2
45°	408.9	403.7	408.9	416.9	424.9	434.6	444.4	448.3	452.2	447.5	442.9
47.5°	394.3	389.4	394.3	401.7	409.1	417.8	426.5	429.3	431.9	426.6	421.3
50°	388.3	383.5	388.3	395.0	401.9	408.9	415.8	415.9	416.2	409.2	402.3
52.5°	385.1	380.7	385.1	391.1	397.2	402.9	408.6	407.1	405.7	397.5	389.4
55°	381.2	377.3	381.2	386.6	392.0	396.9	401.9	399.9	397.8	389.2	380.6
57.5°	374.0	370.0	374.0	379.4	384.7	389.7	394.7	392.7	390.6	381.9	373.2
60°	364.1	359.9	364.1	369.5	374.9	379.9	384.8	382.5	380.3	371.6	362.8
62.5°	348.6	343.5	348.6	354.3	360.1	364.5	368.9	366.7	364.6	356.6	348.6
65°	327.9	323.5	327.9	333.4	339.0	343.3	347.5	345.3	343.1	336.1	329.0
67.5°	304.9	301.0	304.9	310.2	315.3	319.2	323.1	320.9	318.8	312.7	306.6
70°	280.7	276.2	280.7	285.7	290.6	293.9	297.0	294.9	292.8	287.3	281.9
72.5°	253.6	249.2	253.6	258.3	263.0	265.7	268.2	265.8	263.3	258.0	252.6
75°	223.6	219.4	223.6	227.4	231.4	232.8	234.0	231.4	228.9	224.0	219.0
77.5°	189.1	185.8	189.1	193.1	197.1	199.1	200.8	198.4	196.0	190.9	185.7
80°	151.0	144.7	151.0	156.4	161.7	162.6	163.3	160.1	156.9	153.0	149.1
82.5°	112.1	108.1	112.1	116.6	121.3	121.6	121.9	116.4	111.0	102.7	94.3
85°	69.2	65.6	69.2	72.8	76.3	76.9	77.4	70.6	64.0	56.1	48.3
87.5°	28.5	26.8	28.5	30.3	32.2	32.9	33.5	30.9	28.1	24.8	21.5
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	692.8	697.1	701.4	705.6	710.4	715.3	720.7	726.1	732.8	738.8	745.0
5°	660.2	667.1	674.7	682.1	690.7	699.3	709.5	719.7	731.3	743.2	755.7
7.5°	640.3	648.7	658.3	667.8	679.0	690.2	703.8	717.4	732.5	748.7	766.1
10°	637.4	646.9	657.1	667.4	678.7	689.9	704.2	718.5	734.7	754.7	775.4
12.5°	655.8	665.5	673.5	681.6	689.0	696.6	708.2	720.0	735.0	755.9	779.3
15°	692.1	700.6	702.6	704.8	703.8	702.7	708.3	713.9	726.0	749.2	776.2
17.5°	730.4	737.3	730.8	724.3	712.0	699.7	697.7	695.6	703.0	730.3	762.9
20°	751.7	754.9	741.2	727.5	706.2	684.9	675.4	665.7	667.8	699.5	739.8
22.5°	746.4	744.5	726.7	708.9	684.6	660.2	646.1	631.9	628.0	664.2	712.8
25°	717.0	710.4	693.0	675.5	653.5	631.7	615.4	599.0	588.7	625.7	682.5
27.5°	673.1	665.8	651.8	637.9	619.8	601.9	586.1	570.3	557.6	591.3	655.0
30°	629.1	623.2	611.6	599.9	585.1	570.1	557.6	545.1	535.2	563.4	631.9
32.5°	590.5	583.9	572.8	561.6	549.6	537.7	530.3	523.0	518.5	541.3	611.9
35°	554.2	546.4	535.4	524.3	515.2	506.1	504.1	502.0	503.9	522.9	592.3
37.5°	520.5	510.8	499.7	488.6	482.2	475.6	477.9	480.1	486.9	503.5	569.4
40°	487.8	476.6	466.0	455.3	450.7	446.0	451.0	456.1	466.4	481.4	541.9
42.5°	457.2	445.1	434.9	424.9	421.0	417.2	423.9	430.7	443.6	457.5	511.6
45°	430.4	417.8	408.3	398.6	395.3	392.2	398.7	405.3	417.9	431.9	479.4
47.5°	408.9	396.5	387.1	377.7	374.7	371.7	377.2	382.7	393.5	411.6	453.9
50°	391.2	380.2	371.4	362.5	357.7	353.0	357.9	362.8	375.4	399.2	437.0
52.5°	379.0	368.7	360.6	352.5	345.4	338.4	343.2	348.0	365.5	392.9	425.8
55°	371.5	362.4	353.7	345.0	334.9	324.8	332.4	340.1	366.4	392.0	417.7
57.5°	364.3	355.3	345.0	334.8	323.9	313.0	324.2	335.4	367.5	390.0	408.2
60°	353.7	344.6	332.8	321.0	311.5	302.0	316.4	330.9	364.4	379.2	393.5
62.5°	338.9	329.1	315.4	301.7	295.6	289.6	307.6	325.7	356.7	358.5	368.1
65°	319.7	310.5	295.7	281.1	278.7	276.3	295.6	314.8	338.5	338.2	342.7
67.5°	297.9	289.0	275.4	261.9	262.6	263.3	279.3	295.3	308.6	309.2	306.8
70°	274.3	266.6	254.7	242.7	245.3	247.8	259.2	270.6	274.9	274.9	263.4
72.5°	245.7	238.8	229.5	220.1	223.8	227.4	235.2	243.0	243.0	240.3	223.9
75°	212.8	206.6	199.7	192.7	196.2	199.8	205.8	211.8	212.9	200.2	181.7
77.5°	180.3	175.0	169.3	163.7	167.3	170.9	175.7	180.5	181.0	160.1	142.2
80°	144.6	140.1	135.4	130.7	133.7	136.7	140.7	144.8	144.8	119.8	104.7
82.5°	95.9	97.5	97.9	98.3	100.4	102.5	104.6	106.5	105.3	83.9	72.8
85°	52.7	57.0	59.0	61.1	63.4	65.9	68.0	70.1	68.6	52.7	44.5
87.5°	24.9	28.2	28.3	28.4	28.8	29.3	30.1	31.0	29.0	22.3	19.1
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: P959758
 CATALOG NUMBER: NAV-SB1B-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	733.8	733.8	733.8	733.8	733.8	733.8	733.8
2.5°	751.1	757.7	764.1	770.5	776.9	783.0	789.0
5°	768.2	781.7	795.1	808.4	821.7	835.2	848.5
7.5°	783.6	803.5	823.3	843.7	864.1	886.1	908.2
10°	796.0	820.2	844.3	871.2	898.1	926.1	954.0
12.5°	802.8	831.2	859.7	890.1	920.7	951.3	982.0
15°	803.4	836.1	868.9	902.0	935.1	967.1	999.0
17.5°	795.5	833.5	871.6	907.6	943.7	976.2	1008.6
20°	780.2	826.3	872.4	912.0	951.7	985.4	1019.2
22.5°	761.4	817.4	873.5	918.0	962.6	997.0	1031.4
25°	739.5	808.7	877.9	928.9	979.7	1013.4	1047.1
27.5°	718.5	802.9	887.2	945.8	1004.2	1036.4	1068.6
30°	700.3	800.1	900.0	967.6	1035.2	1066.3	1097.4
32.5°	682.5	796.7	910.9	990.5	1070.0	1100.7	1131.5
35°	661.9	790.4	919.0	1016.5	1114.0	1143.4	1172.9
37.5°	635.3	779.5	923.7	1045.6	1167.5	1205.0	1242.6
40°	602.3	764.5	926.8	1082.6	1238.4	1293.1	1347.9
42.5°	565.6	749.1	932.5	1131.0	1329.5	1408.6	1487.5
45°	526.7	734.6	942.6	1194.7	1446.8	1553.4	1660.0
47.5°	496.1	722.7	949.5	1262.6	1575.6	1725.7	1875.6
50°	474.7	709.8	944.9	1325.5	1706.1	1932.2	2158.3
52.5°	458.7	687.9	917.2	1366.4	1815.6	2149.2	2482.9
55°	443.4	651.7	859.9	1357.4	1854.8	2341.6	2828.4
57.5°	426.3	600.5	774.7	1294.0	1813.2	2477.9	3142.5
60°	407.7	534.1	660.5	1176.0	1691.5	2512.0	3332.5
62.5°	377.5	454.7	531.9	1016.4	1501.0	2368.6	3236.0
65°	347.2	383.1	419.2	853.6	1288.0	2165.5	3043.0
67.5°	304.2	314.5	324.7	694.1	1063.5	1924.0	2784.4
70°	251.7	248.9	246.0	546.5	847.1	1660.4	2473.7
72.5°	207.4	198.5	189.7	417.8	646.0	1374.6	2103.5
75°	163.3	155.3	147.3	303.3	459.2	1047.1	1635.1
77.5°	124.3	118.9	113.4	205.5	297.6	732.9	1168.2
80°	89.6	87.3	85.1	132.4	179.8	472.2	764.5
82.5°	61.6	61.2	60.8	81.4	102.2	273.3	444.4
85°	36.3	36.6	36.7	43.6	50.3	122.9	195.6
87.5°	15.7	15.9	16.1	18.0	20.0	40.3	60.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)