

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: P959851

Luminaire Tested: **NAV-SB1B-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P959851
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-740-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 4000K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6086.4 lumens
Efficiency: N/A
Efficacy: 152.9 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

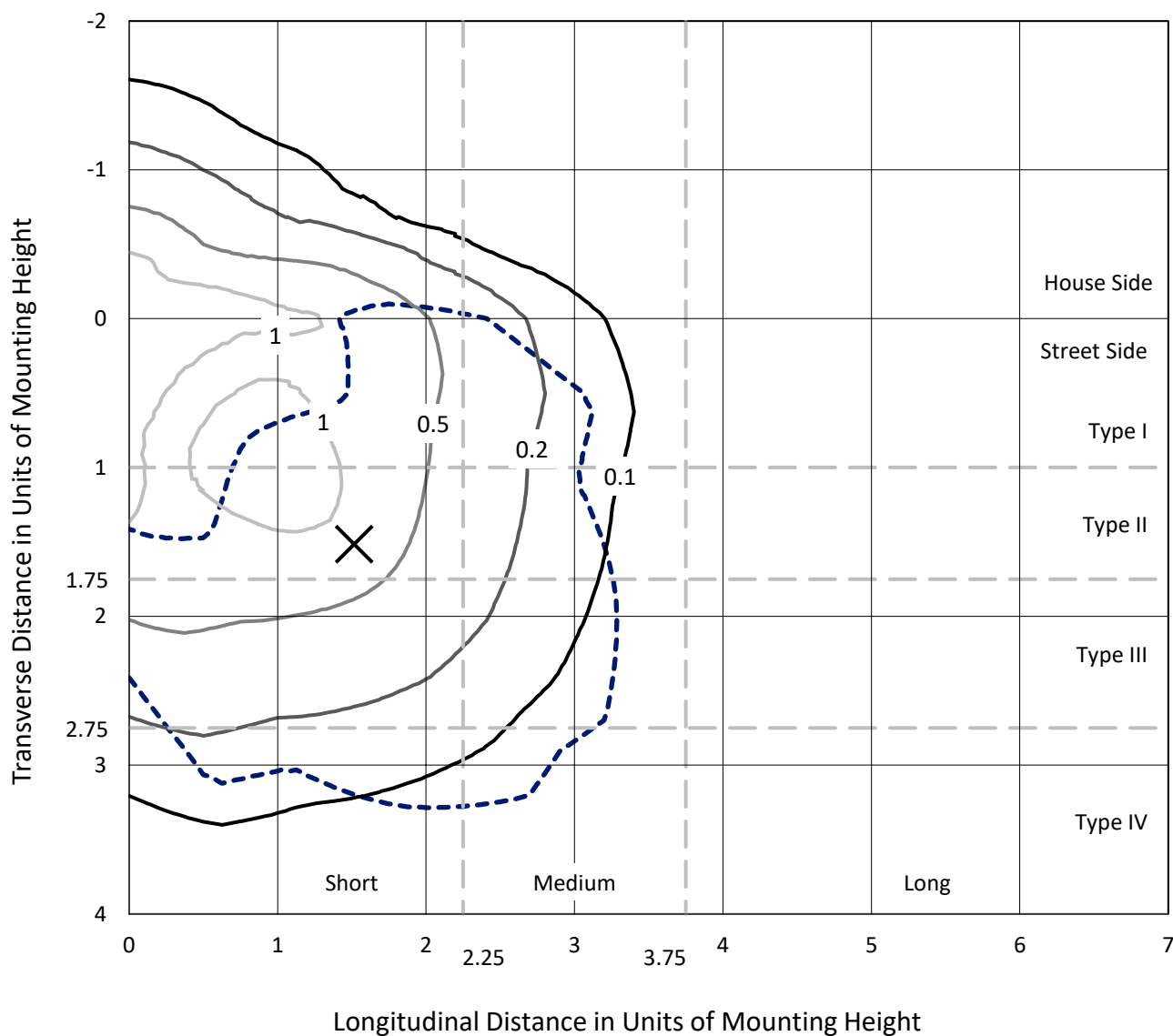
Input Watts (W): 39.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

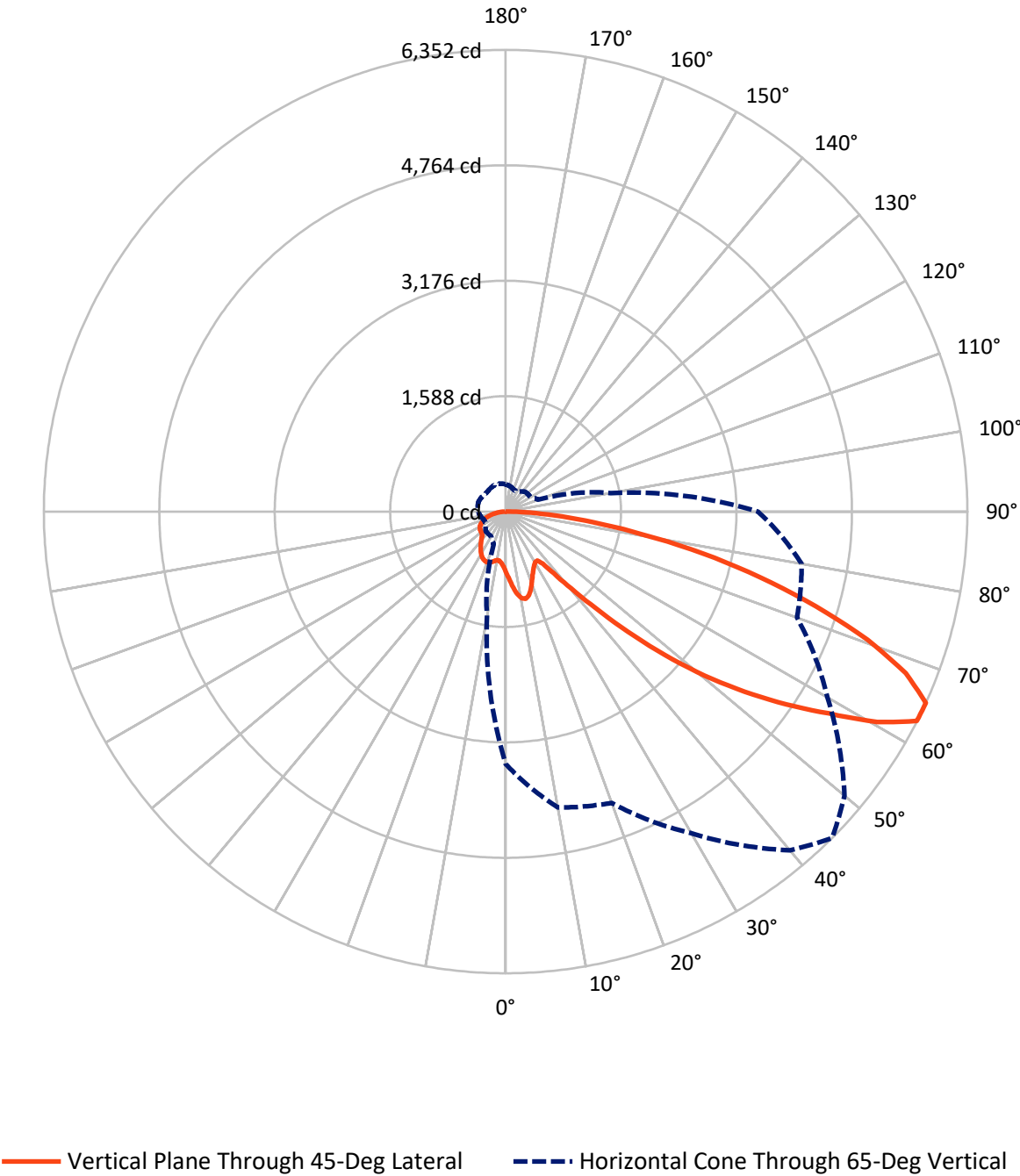
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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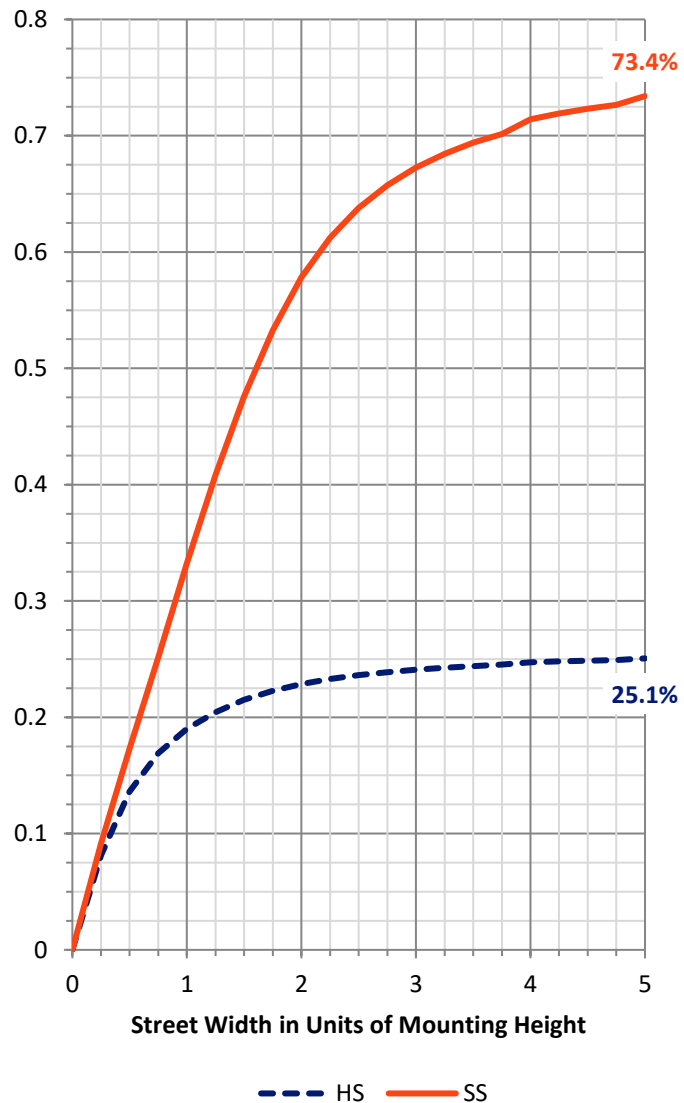
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1546.9	0.0	1546.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4539.6	0.0	4539.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	6086.4	0.0	6086.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.0	1.4
10°-20°	260.6	4.3
20°-30°	402.6	6.6
30°-40°	510.2	8.4
40°-50°	769.5	12.6
50°-60°	1243.2	20.4
60°-70°	1549.8	25.5
70°-80°	1016.3	16.7
80°-90°	251.3	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°	6086.4	100.0
0°-180°	6086.4	100.0

Coefficient of Utilization



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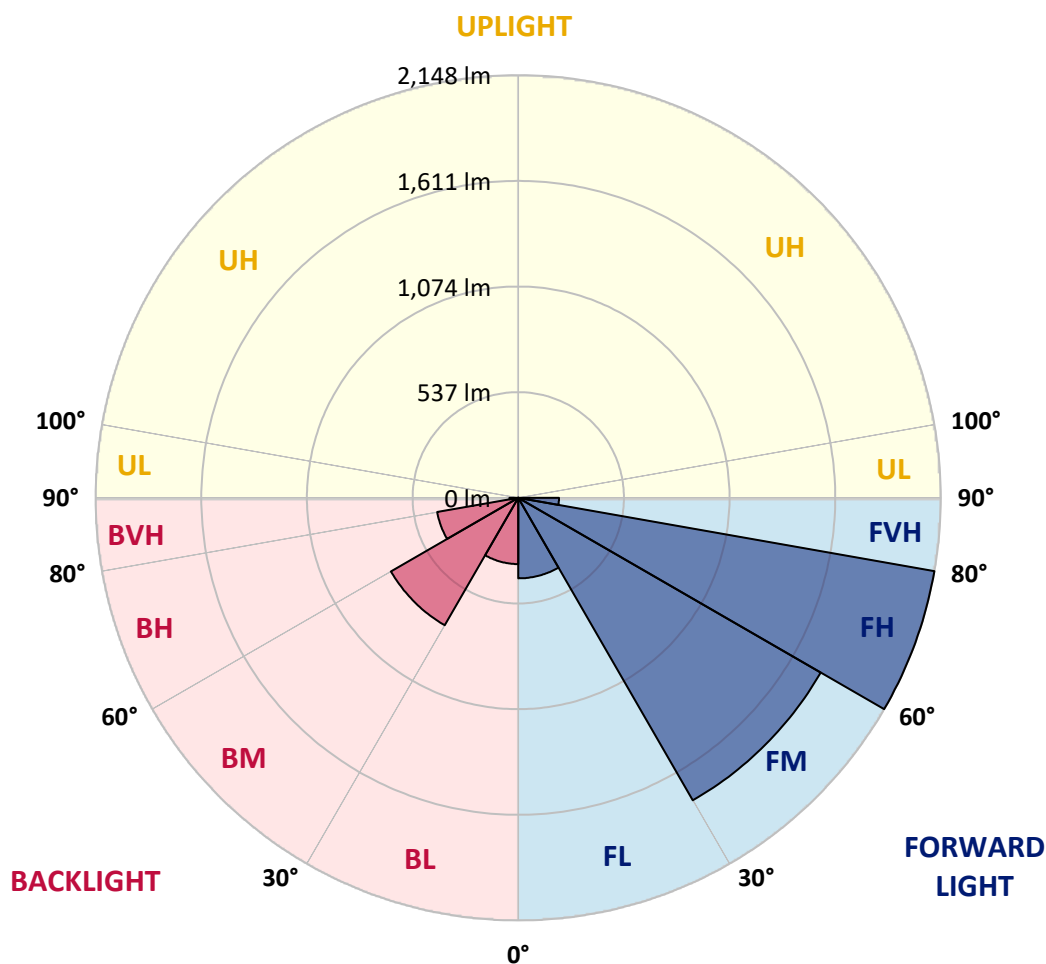
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	409.4	6.7			
FM	(30°-60°)	1775.3	29.2			
FH	(60°-80°)	2147.9	35.3			G2/5000
FVH	(80°-90°)	207.0	3.4			G2/225
BL	(0°-30°)	336.8	5.5	B1/500		
BM	(30°-60°)	747.5	12.3	B1/1000		
BH	(60°-80°)	418.2	6.9	B1/500		G1/500
BVH	(80°-90°)	44.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	900.1	903.4	906.9	911.7	916.6	919.5	922.4	923.8	925.3	924.7	925.3
5°	967.8	979.7	991.7	1003.5	1015.4	1021.7	1028.2	1032.1	1036.0	1038.9	1036.0
7.5°	1035.9	1055.3	1074.6	1092.1	1109.6	1120.0	1130.6	1136.2	1141.8	1144.6	1141.8
10°	1088.0	1111.0	1134.0	1154.4	1174.9	1187.3	1199.6	1205.1	1210.6	1212.7	1210.6
12.5°	1120.0	1144.9	1169.7	1188.2	1206.6	1215.6	1224.7	1227.6	1230.7	1231.0	1230.7
15°	1139.5	1160.9	1182.3	1193.9	1205.6	1205.9	1206.2	1203.0	1199.8	1196.0	1199.8
17.5°	1150.4	1164.9	1179.4	1179.6	1179.8	1166.8	1153.7	1141.8	1129.9	1121.5	1129.9
20°	1162.5	1167.5	1172.6	1157.3	1142.1	1113.4	1084.7	1063.7	1042.8	1029.9	1042.8
22.5°	1176.4	1169.8	1163.2	1131.6	1099.9	1057.7	1015.5	989.3	963.2	949.0	963.2
25°	1194.4	1173.5	1152.6	1104.6	1056.7	1005.4	954.1	926.6	899.1	885.8	899.1
27.5°	1218.8	1181.5	1144.1	1080.6	1017.0	960.2	903.3	876.3	849.3	836.6	849.3
30°	1251.7	1196.1	1140.4	1062.2	984.0	924.8	865.5	840.4	815.4	803.5	815.4
32.5°	1290.6	1214.3	1138.2	1049.7	961.1	905.5	849.8	830.1	810.5	802.0	810.5
35°	1337.8	1244.6	1151.3	1059.0	966.9	928.1	889.5	885.0	880.4	879.7	880.4
37.5°	1417.3	1307.6	1197.8	1114.1	1030.2	1027.7	1025.2	1046.2	1067.2	1078.1	1067.2
40°	1537.4	1418.1	1298.8	1236.5	1174.1	1218.1	1262.1	1313.1	1364.2	1389.7	1364.2
42.5°	1696.7	1578.3	1459.9	1424.0	1388.2	1484.1	1580.0	1672.9	1765.8	1820.3	1765.8
45°	1893.4	1787.1	1680.7	1664.8	1649.0	1802.8	1956.5	2109.1	2261.8	2354.4	2261.8
47.5°	2139.4	2036.0	1932.4	1929.3	1926.1	2147.9	2369.6	2593.0	2816.4	2947.6	2816.4
50°	2461.8	2334.0	2206.3	2206.8	2207.3	2493.2	2779.1	3074.0	3368.9	3547.2	3368.9
52.5°	2832.0	2677.2	2522.5	2506.9	2491.3	2832.7	3174.1	3539.0	3903.8	4117.5	3903.8
55°	3226.1	3073.2	2920.3	2859.3	2798.4	3178.3	3558.3	3993.3	4428.3	4682.5	4428.3
57.5°	3584.4	3501.2	3418.0	3295.6	3173.3	3557.0	3940.7	4433.4	4926.0	5241.3	4926.0
60°	3801.1	3930.4	4059.7	3907.8	3755.9	4119.0	4482.1	5009.6	5537.2	5877.9	5537.2
62.5°	3691.0	4044.3	4397.7	4380.5	4363.4	4696.0	5028.8	5530.6	6032.4	6347.4	6032.4
65°	3471.0	3802.5	4134.1	4199.7	4265.3	4688.0	5110.8	5597.4	6084.1	6352.2	6084.1
67.5°	3176.0	3491.4	3806.6	3837.5	3868.1	4308.6	4749.0	5237.9	5726.6	5936.6	5726.6
70°	2821.5	3164.6	3507.7	3521.4	3535.1	3929.0	4322.8	4743.5	5164.1	5280.8	5164.1
72.5°	2399.2	2792.8	3186.5	3196.5	3206.3	3514.4	3822.6	4137.6	4452.6	4464.4	4452.6
75°	1865.0	2272.4	2679.9	2716.4	2752.9	2992.7	3232.4	3454.2	3676.0	3616.6	3676.0
77.5°	1332.5	1712.8	2093.2	2145.5	2197.8	2380.2	2562.4	2719.6	2877.0	2774.8	2877.0
80°	872.1	1192.1	1512.0	1577.1	1642.2	1779.8	1917.4	2000.0	2082.6	1918.3	2082.6
82.5°	507.0	725.7	944.4	1017.1	1089.9	1184.6	1279.3	1313.8	1348.2	1219.1	1348.2
85°	223.0	339.2	455.2	517.1	578.9	656.7	734.5	754.1	773.7	670.2	773.7
87.5°	69.1	108.0	147.1	181.6	216.1	255.0	294.0	295.6	297.2	249.6	297.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	923.8	922.4	919.5	916.6	911.7	906.9	903.4	900.1	893.2	886.2	878.8
5°	1032.1	1028.2	1021.7	1015.4	1003.5	991.7	979.7	967.8	952.5	937.3	922.1
7.5°	1136.2	1130.6	1120.0	1109.6	1092.1	1074.6	1055.3	1035.9	1010.8	985.5	962.3
10°	1205.1	1199.6	1187.3	1174.9	1154.4	1134.0	1111.0	1088.0	1056.3	1024.4	993.7
12.5°	1227.6	1224.7	1215.6	1206.6	1188.2	1169.7	1144.9	1120.0	1085.1	1050.1	1015.3
15°	1203.0	1206.2	1205.9	1205.6	1193.9	1182.3	1160.9	1139.5	1103.0	1066.6	1028.8
17.5°	1141.8	1153.7	1166.8	1179.8	1179.6	1179.4	1164.9	1150.4	1113.5	1076.5	1035.2
20°	1063.7	1084.7	1113.4	1142.1	1157.3	1172.6	1167.5	1162.5	1124.0	1085.6	1040.3
22.5°	989.3	1015.5	1057.7	1099.9	1131.6	1163.2	1169.8	1176.4	1137.1	1097.9	1047.1
25°	926.6	954.1	1005.4	1056.7	1104.6	1152.6	1173.5	1194.4	1155.9	1117.5	1059.4
27.5°	876.3	903.3	960.2	1017.0	1080.6	1144.1	1181.5	1218.8	1182.1	1145.4	1078.7
30°	840.4	865.5	924.8	984.0	1062.2	1140.4	1196.1	1251.7	1216.3	1180.8	1103.6
32.5°	830.1	849.8	905.5	961.1	1049.7	1138.2	1214.3	1290.6	1255.5	1220.4	1129.8
35°	885.0	889.5	928.1	966.9	1059.0	1151.3	1244.6	1337.8	1304.2	1270.6	1159.4
37.5°	1046.2	1025.2	1027.7	1030.2	1114.1	1197.8	1307.6	1417.3	1374.4	1331.6	1192.6
40°	1313.1	1262.1	1218.1	1174.1	1236.5	1298.8	1418.1	1537.4	1475.0	1412.6	1234.8
42.5°	1672.9	1580.0	1484.1	1388.2	1424.0	1459.9	1578.3	1696.7	1606.6	1516.5	1290.1
45°	2109.1	1956.5	1802.8	1649.0	1664.8	1680.7	1787.1	1893.4	1771.8	1650.2	1362.6
47.5°	2593.0	2369.6	2147.9	1926.1	1929.3	1932.4	2036.0	2139.4	1968.3	1797.2	1440.1
50°	3074.0	2779.1	2493.2	2207.3	2206.8	2206.3	2334.0	2461.8	2204.0	1946.0	1511.9
52.5°	3539.0	3174.1	2832.7	2491.3	2506.9	2522.5	2677.2	2832.0	2451.4	2070.8	1558.5
55°	3993.3	3558.3	3178.3	2798.4	2859.3	2920.3	3073.2	3226.1	2670.8	2115.6	1548.3
57.5°	4433.4	3940.7	3557.0	3173.3	3295.6	3418.0	3501.2	3584.4	2826.3	2068.2	1475.9
60°	5009.6	4482.1	4119.0	3755.9	3907.8	4059.7	3930.4	3801.1	2865.2	1929.3	1341.3
62.5°	5530.6	5028.8	4696.0	4363.4	4380.5	4397.7	4044.3	3691.0	2701.6	1712.1	1159.3
65°	5597.4	5110.8	4688.0	4265.3	4199.7	4134.1	3802.5	3471.0	2470.0	1469.1	973.6
67.5°	5237.9	4749.0	4308.6	3868.1	3837.5	3806.6	3491.4	3176.0	2194.5	1213.1	791.7
70°	4743.5	4322.8	3929.0	3535.1	3521.4	3507.7	3164.6	2821.5	1893.9	966.2	623.4
72.5°	4137.6	3822.6	3514.4	3206.3	3196.5	3186.5	2792.8	2399.2	1567.9	736.8	476.5
75°	3454.2	3232.4	2992.7	2752.9	2716.4	2679.9	2272.4	1865.0	1194.3	523.8	345.9
77.5°	2719.6	2562.4	2380.2	2197.8	2145.5	2093.2	1712.8	1332.5	836.0	339.4	234.4
80°	2000.0	1917.4	1779.8	1642.2	1577.1	1512.0	1192.1	872.1	538.5	205.1	151.0
82.5°	1313.8	1279.3	1184.6	1089.9	1017.1	944.4	725.7	507.0	311.7	116.5	92.9
85°	754.1	734.5	656.7	578.9	517.1	455.2	339.2	223.0	140.2	57.4	49.6
87.5°	295.6	294.0	255.0	216.1	181.6	147.1	108.0	69.1	45.9	22.8	20.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	871.6	864.2	856.8	849.7	842.7	835.8	828.2	822.0	815.9	810.4	804.8
5°	906.9	891.5	876.3	862.0	847.7	834.2	820.9	809.2	797.6	787.8	778.1
7.5°	939.1	916.5	893.8	873.8	853.9	835.5	818.3	802.8	787.3	774.5	761.7
10°	963.0	935.5	907.9	884.4	860.8	838.0	819.5	803.2	786.9	774.1	761.2
12.5°	980.5	948.0	915.6	889.0	862.2	838.3	821.1	807.8	794.5	786.0	777.5
15°	991.1	953.7	916.4	885.4	854.5	828.1	814.3	807.9	801.6	802.7	803.9
17.5°	994.0	950.7	907.3	870.2	833.0	802.0	793.5	795.8	798.1	812.1	826.0
20°	995.0	942.5	889.9	843.9	797.9	761.7	759.4	770.3	781.3	805.5	829.8
22.5°	996.3	932.3	868.5	813.0	757.6	716.4	720.8	736.9	753.1	780.8	808.6
25°	1001.3	922.4	843.5	778.6	713.6	671.4	683.3	701.9	720.5	745.5	770.5
27.5°	1012.0	915.7	819.6	747.0	674.4	636.0	650.5	668.5	686.4	707.0	727.4
30°	1026.5	912.7	798.8	720.7	642.7	610.4	621.7	635.9	650.3	667.3	684.3
32.5°	1039.0	908.8	778.6	698.0	617.5	591.4	596.4	604.9	613.4	626.9	640.5
35°	1048.2	901.6	755.0	675.7	596.3	574.7	572.7	574.9	577.3	587.6	598.0
37.5°	1053.7	889.1	724.6	649.4	574.2	555.2	547.7	545.1	542.5	549.9	557.4
40°	1057.1	872.0	687.0	618.1	549.2	532.0	520.3	514.4	508.6	514.0	519.4
42.5°	1063.6	854.3	645.1	583.4	521.8	505.9	491.2	483.5	475.8	480.2	484.5
45°	1075.1	837.9	600.9	546.7	492.6	476.6	462.3	454.8	447.3	451.0	454.7
47.5°	1082.9	824.4	565.8	517.6	469.6	448.8	436.5	430.2	423.9	427.4	430.8
50°	1077.8	809.6	541.4	498.4	455.3	428.1	413.8	408.3	402.6	408.1	413.5
52.5°	1046.2	784.6	523.2	485.6	448.1	416.9	396.9	391.3	385.9	394.0	402.1
55°	980.8	743.3	505.7	476.4	447.1	418.0	387.9	379.1	370.4	382.0	393.5
57.5°	883.7	685.0	486.3	465.6	444.8	419.1	382.5	369.8	357.1	369.4	381.8
60°	753.4	609.3	465.1	448.8	432.6	415.5	377.4	360.9	344.4	355.4	366.2
62.5°	606.6	518.6	430.6	419.7	409.0	406.9	371.6	350.9	330.4	337.2	344.1
65°	478.2	437.1	396.0	390.8	385.8	386.0	359.1	337.1	315.2	317.9	320.5
67.5°	370.3	358.7	347.0	349.8	352.7	352.0	336.8	318.6	300.3	299.5	298.7
70°	280.5	283.8	287.2	300.4	313.6	313.6	308.6	295.6	282.7	279.8	276.9
72.5°	216.4	226.4	236.6	255.3	274.0	277.2	277.3	268.3	259.4	255.2	251.0
75°	168.0	177.1	186.2	207.3	228.3	242.8	241.6	234.7	227.9	223.9	219.8
77.5°	129.4	135.6	141.8	162.2	182.6	206.5	205.8	200.4	194.9	190.8	186.7
80°	97.0	99.5	102.1	119.4	136.6	165.2	165.1	160.5	155.9	152.5	149.0
82.5°	69.3	69.8	70.3	83.0	95.7	120.1	121.5	119.2	117.0	114.5	112.1
85°	41.9	41.7	41.4	50.7	60.1	78.2	79.9	77.6	75.1	72.5	69.7
87.5°	18.3	18.1	17.9	21.7	25.5	33.1	35.4	34.3	33.4	32.9	32.4
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: P959851

CATALOG NUMBER: NAV-SB1B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	800.0	795.1	790.3	785.4	781.7	777.9	774.8	771.7	769.4	767.0	764.9
5°	769.5	760.9	753.1	745.3	739.2	733.2	729.0	724.8	721.8	718.8	716.6
7.5°	750.8	739.9	730.4	720.9	713.7	706.5	701.5	696.5	693.1	689.7	687.7
10°	749.6	737.9	727.1	716.4	707.8	699.3	693.6	688.0	684.7	681.5	679.8
12.5°	768.2	759.1	748.0	736.9	726.0	715.0	707.9	700.6	697.0	693.4	691.9
15°	801.4	799.1	789.5	779.8	764.2	748.7	737.7	726.7	721.7	716.7	714.7
17.5°	833.5	840.9	833.1	825.3	804.8	784.2	768.0	751.8	744.4	736.9	734.4
20°	845.4	861.0	857.4	853.8	830.2	806.8	786.9	767.1	757.6	747.9	745.0
22.5°	828.9	849.1	851.4	853.5	831.0	808.5	788.1	767.6	757.6	747.5	744.2
25°	790.4	810.4	817.8	825.2	806.8	788.4	770.2	752.0	743.3	734.6	731.4
27.5°	743.4	759.5	767.7	776.1	762.9	749.9	735.7	721.6	715.8	709.9	708.5
30°	697.6	710.8	717.6	724.4	714.4	704.4	694.2	684.1	681.1	678.1	678.1
32.5°	653.2	666.0	673.5	681.0	671.8	662.7	654.6	646.5	644.5	642.6	642.9
35°	610.6	623.2	632.2	641.2	634.7	628.1	620.6	613.3	610.3	607.3	606.7
37.5°	569.9	582.5	593.7	604.8	601.7	598.7	591.8	585.0	579.5	574.2	571.3
40°	531.6	543.7	556.5	569.3	570.0	570.7	564.9	559.0	551.1	543.4	538.0
42.5°	496.1	507.6	521.4	535.3	538.9	542.6	537.7	532.8	523.1	513.2	505.4
45°	465.7	476.5	490.9	505.2	510.4	515.8	511.4	507.0	495.7	484.5	475.5
47.5°	441.6	452.2	466.3	480.4	486.6	492.6	489.5	486.5	476.5	466.6	458.2
50°	423.5	433.7	446.3	458.9	466.8	474.6	474.4	474.3	466.3	458.4	450.6
52.5°	411.3	420.6	432.3	444.1	453.5	462.7	464.4	466.1	459.6	453.0	446.1
55°	403.4	413.4	423.7	434.1	443.8	453.8	456.0	458.4	452.7	447.0	441.0
57.5°	393.5	405.3	415.4	425.7	435.6	445.5	447.8	450.2	444.4	438.8	432.8
60°	379.7	393.0	403.4	413.8	423.7	433.7	436.3	438.9	433.3	427.7	421.5
62.5°	359.8	375.5	386.5	397.6	406.7	415.8	418.3	420.8	415.7	410.7	404.2
65°	337.3	354.0	364.7	375.3	383.3	391.3	393.9	396.4	391.5	386.6	380.3
67.5°	314.2	329.6	339.7	349.7	356.7	363.6	366.1	368.5	364.1	359.7	353.7
70°	290.5	304.1	312.8	321.4	327.7	334.0	336.4	338.8	335.2	331.5	325.8
72.5°	261.7	272.4	280.2	288.1	294.2	300.3	303.2	306.0	303.0	299.9	294.6
75°	227.7	235.6	242.7	249.9	255.4	261.1	264.0	266.9	265.5	264.0	259.4
77.5°	193.1	199.6	205.7	211.8	217.7	223.6	226.3	229.1	227.0	224.9	220.3
80°	154.4	159.8	164.9	170.0	174.6	179.0	182.7	186.2	185.4	184.5	178.4
82.5°	111.6	111.2	109.4	107.6	117.1	126.6	132.8	139.1	138.7	138.3	133.0
85°	67.3	65.0	60.1	55.0	64.0	72.9	80.6	88.4	87.6	87.0	83.0
87.5°	32.3	32.2	28.4	24.6	28.3	32.1	35.2	38.2	37.5	36.7	34.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NAV-SB1B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	762.6	759.8	762.6	764.9	767.0	769.4	771.7	774.8	777.9	781.7	785.4
5°	714.2	712.0	714.2	716.6	718.8	721.8	724.8	729.0	733.2	739.2	745.3
7.5°	685.6	684.1	685.6	687.7	689.7	693.1	696.5	701.5	706.5	713.7	720.9
10°	678.0	677.3	678.0	679.8	681.5	684.7	688.0	693.6	699.3	707.8	716.4
12.5°	690.4	690.1	690.4	691.9	693.4	697.0	700.6	707.9	715.0	726.0	736.9
15°	712.8	712.7	712.8	714.7	716.7	721.7	726.7	737.7	748.7	764.2	779.8
17.5°	732.0	731.6	732.0	734.4	736.9	744.4	751.8	768.0	784.2	804.8	825.3
20°	741.9	740.9	741.9	745.0	747.9	757.6	767.1	786.9	806.8	830.2	853.8
22.5°	740.8	739.3	740.8	744.2	747.5	757.6	767.6	788.1	808.5	831.0	853.5
25°	728.4	726.4	728.4	731.4	734.6	743.3	752.0	770.2	788.4	806.8	825.2
27.5°	707.0	706.5	707.0	708.5	709.9	715.8	721.6	735.7	749.9	762.9	776.1
30°	678.1	678.7	678.1	678.1	678.1	681.1	684.1	694.2	704.4	714.4	724.4
32.5°	643.1	643.6	643.1	642.9	642.6	644.5	646.5	654.6	662.7	671.8	681.0
35°	606.0	605.7	606.0	606.7	607.3	610.3	613.3	620.6	628.1	634.7	641.2
37.5°	568.5	566.8	568.5	571.3	574.2	579.5	585.0	591.8	598.7	601.7	604.8
40°	532.7	529.6	532.7	538.0	543.4	551.1	559.0	564.9	570.7	570.0	569.3
42.5°	497.7	492.6	497.7	505.4	513.2	523.1	532.8	537.7	542.6	538.9	535.3
45°	466.4	460.5	466.4	475.5	484.5	495.7	507.0	511.4	515.8	510.4	505.2
47.5°	449.8	444.1	449.8	458.2	466.6	476.5	486.5	489.5	492.6	486.6	480.4
50°	442.8	437.4	442.8	450.6	458.4	466.3	474.3	474.4	474.6	466.8	458.9
52.5°	439.2	434.2	439.2	446.1	453.0	459.6	466.1	464.4	462.7	453.5	444.1
55°	434.8	430.4	434.8	441.0	447.0	452.7	458.4	456.0	453.8	443.8	434.1
57.5°	426.7	422.0	426.7	432.8	438.8	444.4	450.2	447.8	445.5	435.6	425.7
60°	415.2	410.4	415.2	421.5	427.7	433.3	438.9	436.3	433.7	423.7	413.8
62.5°	397.6	391.9	397.6	404.2	410.7	415.7	420.8	418.3	415.8	406.7	397.6
65°	374.0	369.0	374.0	380.3	386.6	391.5	396.4	393.9	391.3	383.3	375.3
67.5°	347.8	343.3	347.8	353.7	359.7	364.1	368.5	366.1	363.6	356.7	349.7
70°	320.2	315.1	320.2	325.8	331.5	335.2	338.8	336.4	334.0	327.7	321.4
72.5°	289.2	284.2	289.2	294.6	299.9	303.0	306.0	303.2	300.3	294.2	288.1
75°	254.9	250.2	254.9	259.4	264.0	265.5	266.9	264.0	261.1	255.4	249.9
77.5°	215.8	212.0	215.8	220.3	224.9	227.0	229.1	226.3	223.6	217.7	211.8
80°	172.2	165.0	172.2	178.4	184.5	185.4	186.2	182.7	179.0	174.6	170.0
82.5°	127.9	123.3	127.9	133.0	138.3	138.7	139.1	132.8	126.6	117.1	107.6
85°	78.9	74.8	78.9	83.0	87.0	87.6	88.4	80.6	72.9	64.0	55.0
87.5°	32.5	30.5	32.5	34.6	36.7	37.5	38.2	35.2	32.1	28.3	24.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: NAV-SB1B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	790.3	795.1	800.0	804.8	810.4	815.9	822.0	828.2	835.8	842.7	849.7
5°	753.1	760.9	769.5	778.1	787.8	797.6	809.2	820.9	834.2	847.7	862.0
7.5°	730.4	739.9	750.8	761.7	774.5	787.3	802.8	818.3	835.5	853.9	873.8
10°	727.1	737.9	749.6	761.2	774.1	786.9	803.2	819.5	838.0	860.8	884.4
12.5°	748.0	759.1	768.2	777.5	786.0	794.5	807.8	821.1	838.3	862.2	889.0
15°	789.5	799.1	801.4	803.9	802.7	801.6	807.9	814.3	828.1	854.5	885.4
17.5°	833.1	840.9	833.5	826.0	812.1	798.1	795.8	793.5	802.0	833.0	870.2
20°	857.4	861.0	845.4	829.8	805.5	781.3	770.3	759.4	761.7	797.9	843.9
22.5°	851.4	849.1	828.9	808.6	780.8	753.1	736.9	720.8	716.4	757.6	813.0
25°	817.8	810.4	790.4	770.5	745.5	720.5	701.9	683.3	671.4	713.6	778.6
27.5°	767.7	759.5	743.4	727.4	707.0	686.4	668.5	650.5	636.0	674.4	747.0
30°	717.6	710.8	697.6	684.3	667.3	650.3	635.9	621.7	610.4	642.7	720.7
32.5°	673.5	666.0	653.2	640.5	626.9	613.4	604.9	596.4	591.4	617.5	698.0
35°	632.2	623.2	610.6	598.0	587.6	577.3	574.9	572.7	574.7	596.3	675.7
37.5°	593.7	582.5	569.9	557.4	549.9	542.5	545.1	547.7	555.2	574.2	649.4
40°	556.5	543.7	531.6	519.4	514.0	508.6	514.4	520.3	532.0	549.2	618.1
42.5°	521.4	507.6	496.1	484.5	480.2	475.8	483.5	491.2	505.9	521.8	583.4
45°	490.9	476.5	465.7	454.7	451.0	447.3	454.8	462.3	476.6	492.6	546.7
47.5°	466.3	452.2	441.6	430.8	427.4	423.9	430.2	436.5	448.8	469.6	517.6
50°	446.3	433.7	423.5	413.5	408.1	402.6	408.3	413.8	428.1	455.3	498.4
52.5°	432.3	420.6	411.3	402.1	394.0	385.9	391.3	396.9	416.9	448.1	485.6
55°	423.7	413.4	403.4	393.5	382.0	370.4	379.1	387.9	418.0	447.1	476.4
57.5°	415.4	405.3	393.5	381.8	369.4	357.1	369.8	382.5	419.1	444.8	465.6
60°	403.4	393.0	379.7	366.2	355.4	344.4	360.9	377.4	415.5	432.6	448.8
62.5°	386.5	375.5	359.8	344.1	337.2	330.4	350.9	371.6	406.9	409.0	419.7
65°	364.7	354.0	337.3	320.5	317.9	315.2	337.1	359.1	386.0	385.8	390.8
67.5°	339.7	329.6	314.2	298.7	299.5	300.3	318.6	336.8	352.0	352.7	349.8
70°	312.8	304.1	290.5	276.9	279.8	282.7	295.6	308.6	313.6	313.6	300.4
72.5°	280.2	272.4	261.7	251.0	255.2	259.4	268.3	277.3	277.2	274.0	255.3
75°	242.7	235.6	227.7	219.8	223.9	227.9	234.7	241.6	242.8	228.3	207.3
77.5°	205.7	199.6	193.1	186.7	190.8	194.9	200.4	205.8	206.5	182.6	162.2
80°	164.9	159.8	154.4	149.0	152.5	155.9	160.5	165.1	165.2	136.6	119.4
82.5°	109.4	111.2	111.6	112.1	114.5	117.0	119.2	121.5	120.1	95.7	83.0
85°	60.1	65.0	67.3	69.7	72.5	75.1	77.6	79.9	78.2	60.1	50.7
87.5°	28.4	32.2	32.3	32.4	32.9	33.4	34.3	35.4	33.1	25.5	21.7
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: P959851

CATALOG NUMBER: NAV-SB1B-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	836.9	836.9	836.9	836.9	836.9	836.9	836.9
2.5°	856.8	864.2	871.6	878.8	886.2	893.2	900.1
5°	876.3	891.5	906.9	922.1	937.3	952.5	967.8
7.5°	893.8	916.5	939.1	962.3	985.5	1010.8	1035.9
10°	907.9	935.5	963.0	993.7	1024.4	1056.3	1088.0
12.5°	915.6	948.0	980.5	1015.3	1050.1	1085.1	1120.0
15°	916.4	953.7	991.1	1028.8	1066.6	1103.0	1139.5
17.5°	907.3	950.7	994.0	1035.2	1076.5	1113.5	1150.4
20°	889.9	942.5	995.0	1040.3	1085.6	1124.0	1162.5
22.5°	868.5	932.3	996.3	1047.1	1097.9	1137.1	1176.4
25°	843.5	922.4	1001.3	1059.4	1117.5	1155.9	1194.4
27.5°	819.6	915.7	1012.0	1078.7	1145.4	1182.1	1218.8
30°	798.8	912.7	1026.5	1103.6	1180.8	1216.3	1251.7
32.5°	778.6	908.8	1039.0	1129.8	1220.4	1255.5	1290.6
35°	755.0	901.6	1048.2	1159.4	1270.6	1304.2	1337.8
37.5°	724.6	889.1	1053.7	1192.6	1331.6	1374.4	1417.3
40°	687.0	872.0	1057.1	1234.8	1412.6	1475.0	1537.4
42.5°	645.1	854.3	1063.6	1290.1	1516.5	1606.6	1696.7
45°	600.9	837.9	1075.1	1362.6	1650.2	1771.8	1893.4
47.5°	565.8	824.4	1082.9	1440.1	1797.2	1968.3	2139.4
50°	541.4	809.6	1077.8	1511.9	1946.0	2204.0	2461.8
52.5°	523.2	784.6	1046.2	1558.5	2070.8	2451.4	2832.0
55°	505.7	743.3	980.8	1548.3	2115.6	2670.8	3226.1
57.5°	486.3	685.0	883.7	1475.9	2068.2	2826.3	3584.4
60°	465.1	609.3	753.4	1341.3	1929.3	2865.2	3801.1
62.5°	430.6	518.6	606.6	1159.3	1712.1	2701.6	3691.0
65°	396.0	437.1	478.2	973.6	1469.1	2470.0	3471.0
67.5°	347.0	358.7	370.3	791.7	1213.1	2194.5	3176.0
70°	287.2	283.8	280.5	623.4	966.2	1893.9	2821.5
72.5°	236.6	226.4	216.4	476.5	736.8	1567.9	2399.2
75°	186.2	177.1	168.0	345.9	523.8	1194.3	1865.0
77.5°	141.8	135.6	129.4	234.4	339.4	836.0	1332.5
80°	102.1	99.5	97.0	151.0	205.1	538.5	872.1
82.5°	70.3	69.8	69.3	92.9	116.5	311.7	507.0
85°	41.4	41.7	41.9	49.6	57.4	140.2	223.0
87.5°	17.9	18.1	18.3	20.6	22.8	45.9	69.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)