

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: P961310

Luminaire Tested: **NAV-SB2A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P961310
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-SB2A-722-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7568.6 lumens
Efficiency: N/A
Efficacy: 132.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

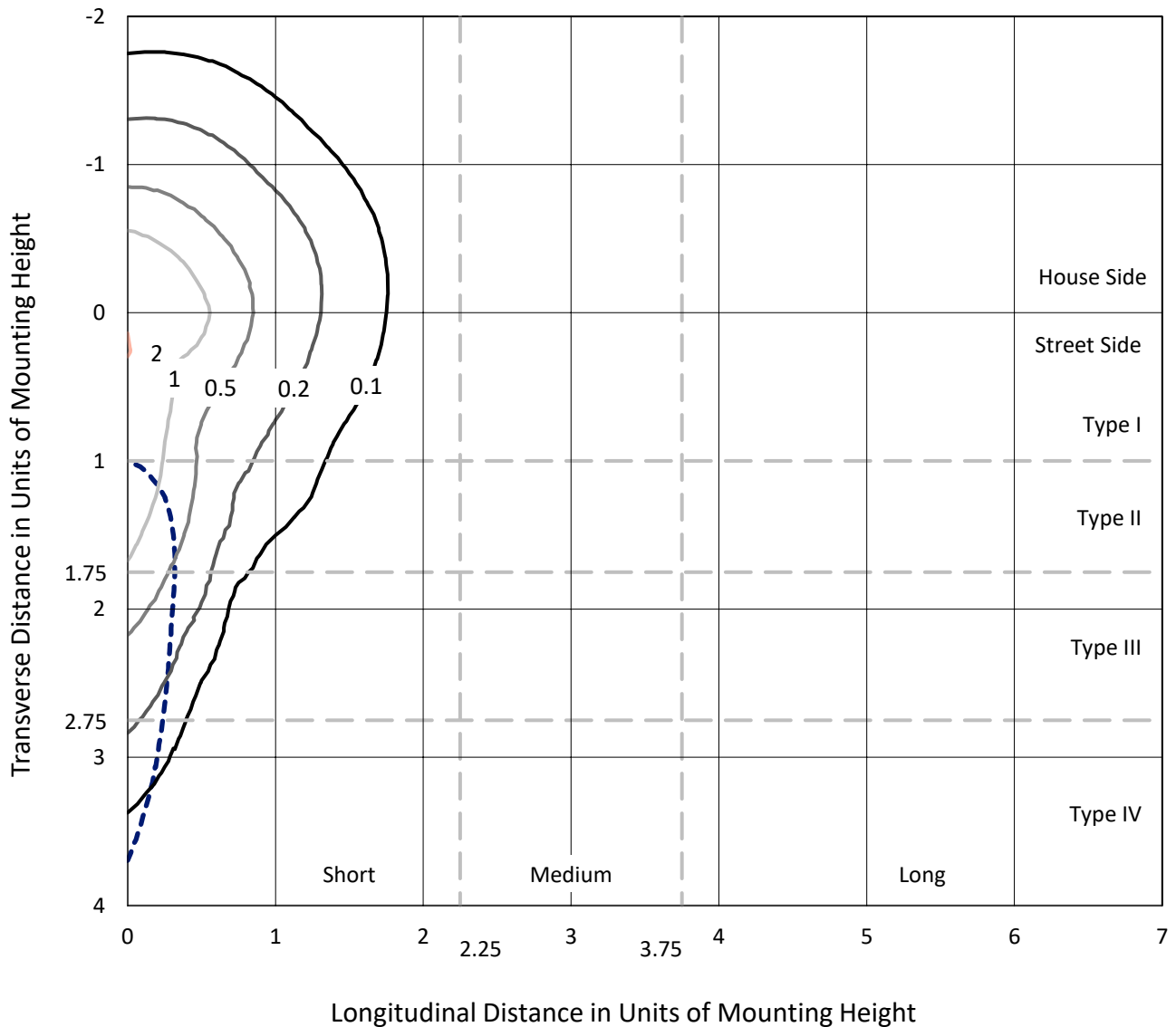
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

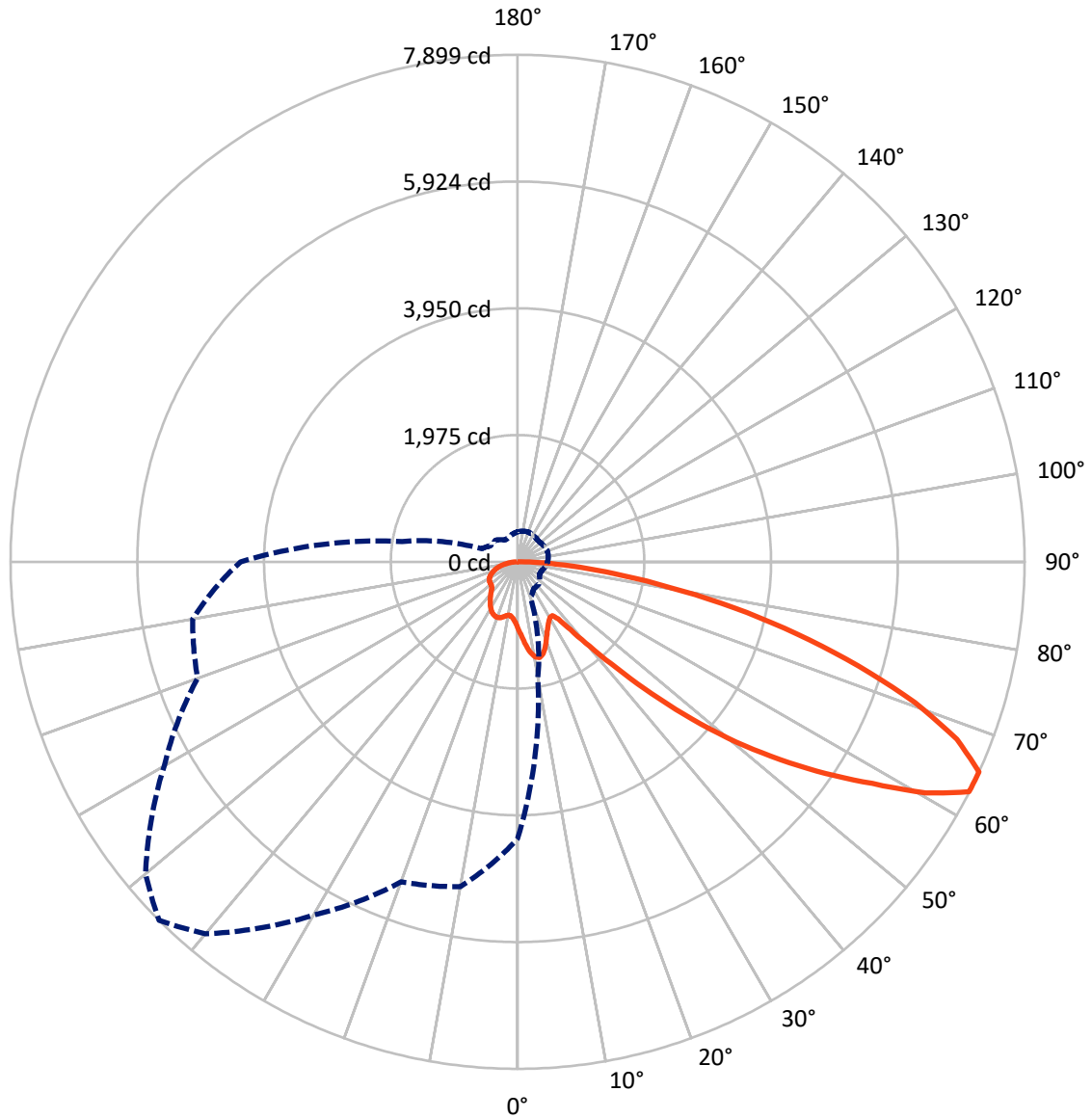
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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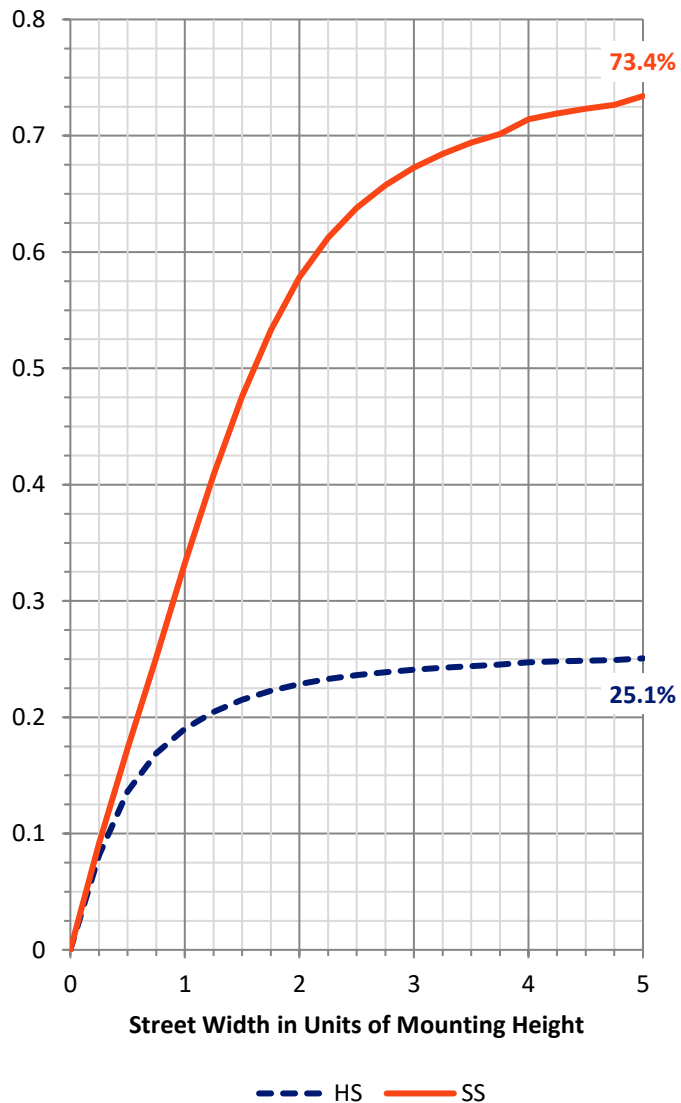
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1923.6	0.0	1923.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5645.0	0.0	5645.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	7568.6	0.0	7568.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	103.2	1.4
10°-20°	324.1	4.3
20°-30°	500.6	6.6
30°-40°	634.4	8.4
40°-50°	956.8	12.6
50°-60°	1545.9	20.4
60°-70°	1927.2	25.5
70°-80°	1263.8	16.7
80°-90°	312.4	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°	7568.6	100.0
0°-180°	7568.6	100.0

Coefficient of Utilization



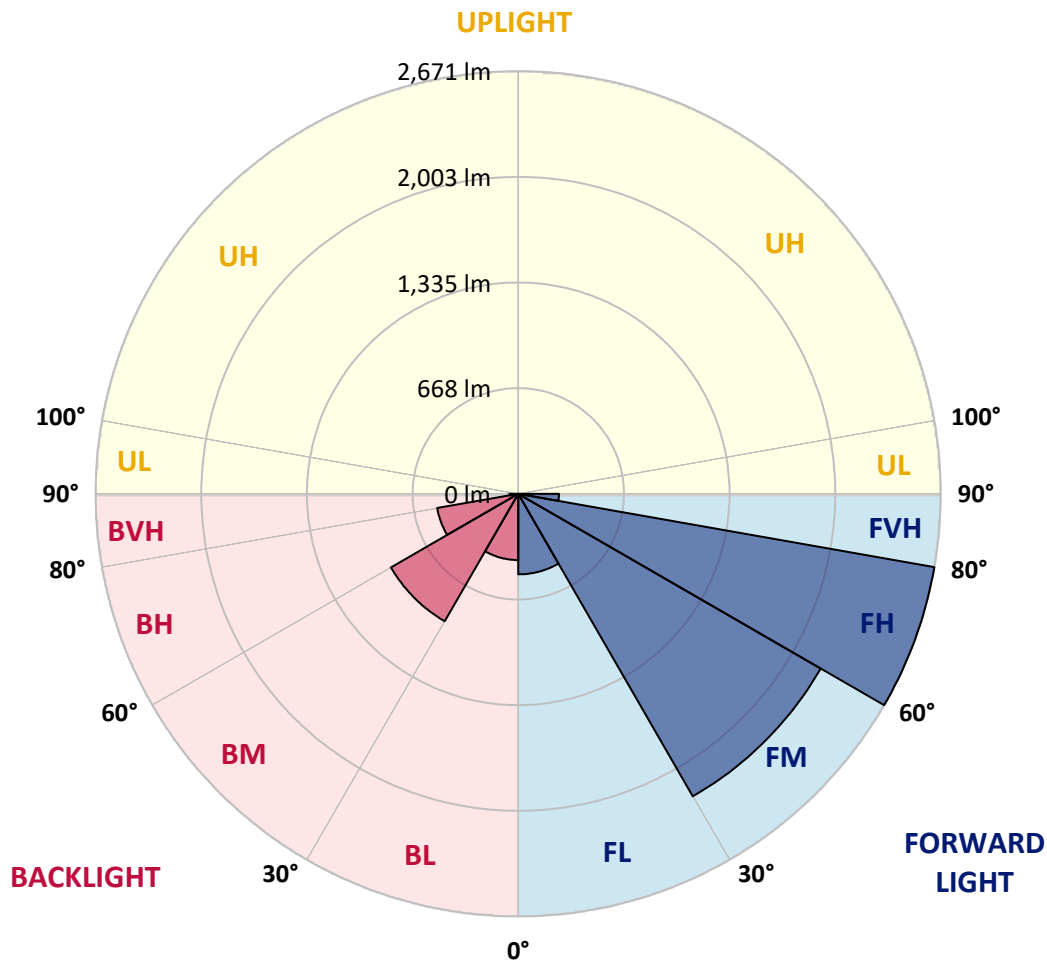
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	509.1	6.7			
FM (30°-60°)	2207.6	29.2			
FH (60°-80°)	2671.0	35.3			G2/5000
FVH (80°-90°)	257.4	3.4			G3/500
BL (0°-30°)	418.9	5.5	B1/500		
BM (30°-60°)	929.6	12.3	B1/1000		
BH (60°-80°)	520.0	6.9	B2/1000		G2/1000
BVH (80°-90°)	55.1	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	1119.2	1110.6	1102.1	1092.9	1083.8	1074.6	1065.4	1056.7	1047.9	1039.4	1029.9
5°	1203.5	1184.5	1165.5	1146.7	1127.7	1108.6	1089.7	1071.9	1054.1	1037.4	1020.8
7.5°	1288.1	1256.9	1225.6	1196.7	1167.8	1139.6	1111.4	1086.6	1061.8	1038.9	1017.5
10°	1353.1	1313.4	1273.9	1235.6	1197.5	1163.3	1129.0	1099.8	1070.4	1042.1	1019.1
12.5°	1392.8	1349.3	1305.8	1262.6	1219.2	1179.0	1138.6	1105.4	1072.3	1042.5	1021.1
15°	1417.0	1371.7	1326.2	1279.3	1232.4	1185.9	1139.5	1101.1	1062.6	1029.7	1012.6
17.5°	1430.5	1384.6	1338.5	1287.4	1236.1	1182.2	1128.3	1082.1	1035.9	997.2	986.7
20°	1445.5	1397.7	1349.9	1293.7	1237.3	1172.0	1106.7	1049.4	992.1	947.1	944.3
22.5°	1462.9	1414.1	1365.2	1302.1	1238.9	1159.5	1079.9	1011.0	942.0	890.8	896.3
25°	1485.2	1437.4	1389.6	1317.4	1245.3	1147.1	1049.0	968.1	887.3	834.9	849.6
27.5°	1515.6	1470.0	1424.3	1341.4	1258.4	1138.8	1019.2	929.0	838.8	791.0	808.9
30°	1556.6	1512.5	1468.4	1372.4	1276.4	1134.9	993.3	896.3	799.1	759.0	773.1
32.5°	1604.8	1561.2	1517.6	1404.8	1292.0	1130.2	968.1	868.0	767.8	735.4	741.7
35°	1663.6	1621.8	1579.9	1441.7	1303.5	1121.1	938.8	840.2	741.6	714.6	712.1
37.5°	1762.4	1709.1	1655.9	1483.1	1310.3	1105.7	901.1	807.6	714.1	690.5	681.0
40°	1911.7	1834.1	1756.5	1535.6	1314.6	1084.3	854.2	768.5	683.0	661.5	647.0
42.5°	2109.9	1997.8	1885.7	1604.1	1322.7	1062.4	802.3	725.6	648.9	629.2	610.8
45°	2354.4	2203.3	2052.2	1694.5	1336.9	1042.0	747.1	679.9	612.6	592.7	574.9
47.5°	2660.4	2447.6	2234.8	1790.8	1346.6	1025.1	703.6	643.7	583.8	558.1	542.8
50°	3061.4	2740.6	2419.8	1880.1	1340.3	1006.8	673.2	619.7	566.2	532.4	514.6
52.5°	3521.6	3048.4	2575.1	1938.1	1300.9	975.7	650.6	603.9	557.3	518.3	493.5
55°	4011.6	3321.2	2630.9	1925.3	1219.6	924.2	628.9	592.4	556.0	519.8	482.4
57.5°	4457.3	3514.6	2571.8	1835.4	1098.9	851.8	604.6	578.9	553.1	521.2	475.6
60°	4726.7	3562.9	2399.1	1668.0	936.8	757.6	578.4	558.1	537.8	516.8	469.3
62.5°	4590.0	3359.4	2128.9	1441.7	754.3	644.9	535.5	522.0	508.6	506.0	462.0
65°	4316.2	3071.5	1826.9	1210.7	594.6	543.5	492.4	486.1	479.7	480.0	446.5
67.5°	3949.3	2728.9	1508.5	984.5	460.5	446.1	431.5	435.1	438.6	437.7	418.8
70°	3508.7	2355.0	1201.5	775.2	348.8	353.0	357.1	373.6	390.0	390.0	383.8
72.5°	2983.5	1949.8	916.1	592.7	269.1	281.6	294.2	317.4	340.7	344.6	344.7
75°	2319.2	1485.2	651.3	430.1	209.0	220.3	231.6	257.8	283.8	302.0	300.4
77.5°	1657.0	1039.6	422.1	291.4	160.8	168.6	176.3	201.7	227.0	256.8	255.9
80°	1084.4	669.7	255.0	187.8	120.6	123.8	127.0	148.5	169.9	205.5	205.3
82.5°	630.4	387.7	144.9	115.5	86.2	86.7	87.4	103.2	119.0	149.3	151.1
85°	277.4	174.4	71.4	61.7	52.1	51.9	51.6	63.1	74.7	97.3	99.4
87.5°	85.9	57.1	28.4	25.6	22.9	22.5	22.2	27.0	31.8	41.1	44.0
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°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	1022.2	1014.5	1007.7	1000.8	994.8	988.7	982.7	976.6	972.0	967.3	963.5
5°	1006.3	991.8	979.7	967.6	956.8	946.2	936.4	926.7	919.2	911.7	906.5
7.5°	998.2	979.1	963.1	947.1	933.7	920.1	908.3	896.4	887.4	878.6	872.4
10°	998.9	978.6	962.6	946.6	932.0	917.6	904.2	890.8	880.2	869.5	862.5
12.5°	1004.5	988.0	977.3	966.8	955.4	944.0	930.2	916.4	902.7	889.2	880.2
15°	1004.6	996.7	998.1	999.6	996.6	993.7	981.6	969.6	950.4	931.0	917.4
17.5°	989.5	992.4	1009.8	1027.3	1036.5	1045.7	1036.1	1026.3	1000.8	975.2	955.0
20°	957.9	971.5	1001.7	1032.0	1051.3	1070.7	1066.2	1061.7	1032.5	1003.2	978.6
22.5°	916.4	936.4	971.0	1005.5	1030.7	1056.0	1058.6	1061.3	1033.4	1005.4	980.0
25°	872.8	896.0	927.0	958.1	982.9	1007.7	1016.9	1026.1	1003.3	980.4	957.8
27.5°	831.3	853.6	879.1	904.7	924.6	944.4	954.7	965.0	948.7	932.4	914.9
30°	790.8	808.6	829.8	851.0	867.5	884.0	892.4	900.8	888.4	875.9	863.4
32.5°	752.2	762.7	779.6	796.5	812.3	828.2	837.5	846.9	835.5	824.0	814.0
35°	714.9	717.9	730.7	743.6	759.3	775.0	786.2	797.3	789.1	781.0	771.8
37.5°	677.8	674.7	683.9	693.1	708.7	724.4	738.2	752.0	748.2	744.5	735.9
40°	639.7	632.5	639.2	645.9	660.9	676.1	692.0	707.9	708.8	709.7	702.4
42.5°	601.3	591.6	597.1	602.6	616.8	631.2	648.4	665.5	670.1	674.8	668.6
45°	565.5	556.3	560.8	565.4	579.0	592.6	610.4	628.2	634.8	641.3	635.9
47.5°	534.9	527.2	531.5	535.8	549.1	562.3	579.8	597.5	605.1	612.6	608.7
50°	507.7	500.7	507.5	514.1	526.7	539.3	554.9	570.7	580.5	590.2	590.0
52.5°	486.7	479.8	489.9	500.0	511.5	523.0	537.6	552.4	563.9	575.4	577.5
55°	471.5	460.6	475.0	489.3	501.6	514.0	527.0	539.8	552.0	564.3	567.1
57.5°	459.8	444.0	459.4	474.9	489.3	503.9	516.6	529.3	541.7	554.0	556.9
60°	448.8	428.3	441.9	455.4	472.0	488.7	501.6	514.6	527.0	539.4	542.5
62.5°	436.3	410.7	419.3	427.9	447.4	466.9	480.6	494.5	505.7	517.1	520.2
65°	419.2	392.0	395.3	398.5	419.4	440.3	453.5	466.7	476.6	486.7	489.7
67.5°	396.2	373.5	372.5	371.5	390.6	410.0	422.4	434.9	443.5	452.1	455.2
70°	367.7	351.5	347.9	344.3	361.3	378.2	389.0	399.7	407.5	415.3	418.3
72.5°	333.6	322.6	317.3	312.1	325.4	338.8	348.5	358.2	365.8	373.5	377.0
75°	291.9	283.3	278.3	273.3	283.1	293.0	301.9	310.7	317.6	324.6	328.3
77.5°	249.2	242.3	237.2	232.2	240.2	248.3	255.8	263.4	270.7	278.0	281.4
80°	199.7	193.9	189.6	185.3	192.0	198.6	205.1	211.5	217.0	222.5	227.0
82.5°	148.2	145.4	142.4	139.4	138.8	138.3	136.0	133.8	145.7	157.4	165.1
85°	96.5	93.5	90.1	86.6	83.7	80.9	74.7	68.5	79.5	90.6	100.2
87.5°	42.7	41.5	40.9	40.3	40.2	40.0	35.3	30.5	35.2	39.9	43.8
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°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	959.7	956.7	953.8	951.1	948.3	944.9	948.3	951.1	953.8	956.7	959.7
5°	901.3	897.6	893.9	891.0	888.2	885.4	888.2	891.0	893.9	897.6	901.3
7.5°	866.1	861.9	857.6	855.1	852.6	850.6	852.6	855.1	857.6	861.9	866.1
10°	855.6	851.5	847.5	845.3	843.2	842.2	843.2	845.3	847.5	851.5	855.6
12.5°	871.2	866.7	862.2	860.4	858.5	858.2	858.5	860.4	862.2	866.7	871.2
15°	903.6	897.4	891.1	888.8	886.4	886.2	886.4	888.8	891.1	897.4	903.6
17.5°	934.9	925.7	916.4	913.3	910.2	909.8	910.2	913.3	916.4	925.7	934.9
20°	953.9	942.0	930.1	926.3	922.5	921.4	922.5	926.3	930.1	942.0	953.9
22.5°	954.6	942.1	929.6	925.4	921.2	919.3	921.2	925.4	929.6	942.1	954.6
25°	935.2	924.3	913.6	909.6	905.7	903.3	905.7	909.6	913.6	924.3	935.2
27.5°	897.4	890.1	882.8	881.0	879.2	878.6	879.2	881.0	882.8	890.1	897.4
30°	850.7	847.1	843.3	843.3	843.3	843.9	843.3	843.3	843.3	847.1	850.7
32.5°	803.9	801.4	799.1	799.4	799.7	800.3	799.7	799.4	799.1	801.4	803.9
35°	762.6	758.9	755.2	754.4	753.6	753.2	753.6	754.4	755.2	758.9	762.6
37.5°	727.4	720.7	714.0	710.4	706.8	704.9	706.8	710.4	714.0	720.7	727.4
40°	695.3	685.4	675.7	669.0	662.5	658.6	662.5	669.0	675.7	685.4	695.3
42.5°	662.6	650.4	638.2	628.5	618.9	612.6	618.9	628.5	638.2	650.4	662.6
45°	630.4	616.4	602.6	591.2	579.9	572.7	579.9	591.2	602.6	616.4	630.4
47.5°	605.0	592.6	580.2	569.7	559.3	552.4	559.3	569.7	580.2	592.6	605.0
50°	589.8	579.8	570.0	560.3	550.6	544.0	550.6	560.3	570.0	579.8	589.8
52.5°	579.5	571.5	563.4	554.7	546.1	540.0	546.1	554.7	563.4	571.5	579.5
55°	570.0	562.9	556.0	548.4	540.8	535.2	540.8	548.4	556.0	562.9	570.0
57.5°	559.9	552.7	545.6	538.1	530.5	524.8	530.5	538.1	545.6	552.7	559.9
60°	545.7	538.7	531.9	524.1	516.4	510.3	516.4	524.1	531.9	538.7	545.7
62.5°	523.3	517.0	510.8	502.6	494.5	487.2	494.5	502.6	510.8	517.0	523.3
65°	492.9	486.9	480.8	472.9	465.0	458.9	465.0	472.9	480.8	486.9	492.9
67.5°	458.3	452.7	447.2	439.8	432.6	426.9	432.6	439.8	447.2	452.7	458.3
70°	421.3	416.8	412.3	405.2	398.2	391.8	398.2	405.2	412.3	416.8	421.3
72.5°	380.5	376.8	373.0	366.3	359.7	353.4	359.7	366.3	373.0	376.8	380.5
75°	332.0	330.2	328.3	322.7	317.0	311.1	317.0	322.7	328.3	330.2	332.0
77.5°	284.8	282.3	279.6	274.0	268.3	263.6	268.3	274.0	279.6	282.3	284.8
80°	231.6	230.5	229.4	221.8	214.1	205.3	214.1	221.8	229.4	230.5	231.6
82.5°	172.9	172.4	171.9	165.5	159.0	153.3	159.0	165.5	171.9	172.4	172.9
85°	109.8	109.1	108.2	103.2	98.2	93.1	98.2	103.2	108.2	109.1	109.8
87.5°	47.6	46.6	45.6	43.0	40.4	37.9	40.4	43.0	45.6	46.6	47.6
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	963.5	967.3	972.0	976.6	982.7	988.7	994.8	1000.8	1007.7	1014.5	1022.2
5°	906.5	911.7	919.2	926.7	936.4	946.2	956.8	967.6	979.7	991.8	1006.3
7.5°	872.4	878.6	887.4	896.4	908.3	920.1	933.7	947.1	963.1	979.1	998.2
10°	862.5	869.5	880.2	890.8	904.2	917.6	932.0	946.6	962.6	978.6	998.9
12.5°	880.2	889.2	902.7	916.4	930.2	944.0	955.4	966.8	977.3	988.0	1004.5
15°	917.4	931.0	950.4	969.6	981.6	993.7	996.6	999.6	998.1	996.7	1004.6
17.5°	955.0	975.2	1000.8	1026.3	1036.1	1045.7	1036.5	1027.3	1009.8	992.4	989.5
20°	978.6	1003.2	1032.5	1061.7	1066.2	1070.7	1051.3	1032.0	1001.7	971.5	957.9
22.5°	980.0	1005.4	1033.4	1061.3	1058.6	1056.0	1030.7	1005.5	971.0	936.4	916.4
25°	957.8	980.4	1003.3	1026.1	1016.9	1007.7	982.9	958.1	927.0	896.0	872.8
27.5°	914.9	932.4	948.7	965.0	954.7	944.4	924.6	904.7	879.1	853.6	831.3
30°	863.4	875.9	888.4	900.8	892.4	884.0	867.5	851.0	829.8	808.6	790.8
32.5°	814.0	824.0	835.5	846.9	837.5	828.2	812.3	796.5	779.6	762.7	752.2
35°	771.8	781.0	789.1	797.3	786.2	775.0	759.3	743.6	730.7	717.9	714.9
37.5°	735.9	744.5	748.2	752.0	738.2	724.4	708.7	693.1	683.9	674.7	677.8
40°	702.4	709.7	708.8	707.9	692.0	676.1	660.9	645.9	639.2	632.5	639.7
42.5°	668.6	674.8	670.1	665.5	648.4	631.2	616.8	602.6	597.1	591.6	601.3
45°	635.9	641.3	634.8	628.2	610.4	592.6	579.0	565.4	560.8	556.3	565.5
47.5°	608.7	612.6	605.1	597.5	579.8	562.3	549.1	535.8	531.5	527.2	534.9
50°	590.0	590.2	580.5	570.7	554.9	539.3	526.7	514.1	507.5	500.7	507.7
52.5°	577.5	575.4	563.9	552.4	537.6	523.0	511.5	500.0	489.9	479.8	486.7
55°	567.1	564.3	552.0	539.8	527.0	514.0	501.6	489.3	475.0	460.6	471.5
57.5°	556.9	554.0	541.7	529.3	516.6	503.9	489.3	474.9	459.4	444.0	459.8
60°	542.5	539.4	527.0	514.6	501.6	488.7	472.0	455.4	441.9	428.3	448.8
62.5°	520.2	517.1	505.7	494.5	480.6	466.9	447.4	427.9	419.3	410.7	436.3
65°	489.7	486.7	476.6	466.7	453.5	440.3	419.4	398.5	395.3	392.0	419.2
67.5°	455.2	452.1	443.5	434.9	422.4	410.0	390.6	371.5	372.5	373.5	396.2
70°	418.3	415.3	407.5	399.7	389.0	378.2	361.3	344.3	347.9	351.5	367.7
72.5°	377.0	373.5	365.8	358.2	348.5	338.8	325.4	312.1	317.3	322.6	333.6
75°	328.3	324.6	317.6	310.7	301.9	293.0	283.1	273.3	278.3	283.3	291.9
77.5°	281.4	278.0	270.7	263.4	255.8	248.3	240.2	232.2	237.2	242.3	249.2
80°	227.0	222.5	217.0	211.5	205.1	198.6	192.0	185.3	189.6	193.9	199.7
82.5°	165.1	157.4	145.7	133.8	136.0	138.3	138.8	139.4	142.4	145.4	148.2
85°	100.2	90.6	79.5	68.5	74.7	80.9	83.7	86.6	90.1	93.5	96.5
87.5°	43.8	39.9	35.2	30.5	35.3	40.0	40.2	40.3	40.9	41.5	42.7
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	1029.9	1039.4	1047.9	1056.7	1065.4	1074.6	1083.8	1092.9	1102.1	1110.6	1119.2
5°	1020.8	1037.4	1054.1	1071.9	1089.7	1108.6	1127.7	1146.7	1165.5	1184.5	1203.5
7.5°	1017.5	1038.9	1061.8	1086.6	1111.4	1139.6	1167.8	1196.7	1225.6	1256.9	1288.1
10°	1019.1	1042.1	1070.4	1099.8	1129.0	1163.3	1197.5	1235.6	1273.9	1313.4	1353.1
12.5°	1021.1	1042.5	1072.3	1105.4	1138.6	1179.0	1219.2	1262.6	1305.8	1349.3	1392.8
15°	1012.6	1029.7	1062.6	1101.1	1139.5	1185.9	1232.4	1279.3	1326.2	1371.7	1417.0
17.5°	986.7	997.2	1035.9	1082.1	1128.3	1182.2	1236.1	1287.4	1338.5	1384.6	1430.5
20°	944.3	947.1	992.1	1049.4	1106.7	1172.0	1237.3	1293.7	1349.9	1397.7	1445.5
22.5°	896.3	890.8	942.0	1011.0	1079.9	1159.5	1238.9	1302.1	1365.2	1414.1	1462.9
25°	849.6	834.9	887.3	968.1	1049.0	1147.1	1245.3	1317.4	1389.6	1437.4	1485.2
27.5°	808.9	791.0	838.8	929.0	1019.2	1138.8	1258.4	1341.4	1424.3	1470.0	1515.6
30°	773.1	759.0	799.1	896.3	993.3	1134.9	1276.4	1372.4	1468.4	1512.5	1556.6
32.5°	741.7	735.4	767.8	868.0	968.1	1130.2	1292.0	1404.8	1517.6	1561.2	1604.8
35°	712.1	714.6	741.6	840.2	938.8	1121.1	1303.5	1441.7	1579.9	1621.8	1663.6
37.5°	681.0	690.5	714.1	807.6	901.1	1105.7	1310.3	1483.1	1655.9	1709.1	1762.4
40°	647.0	661.5	683.0	768.5	854.2	1084.3	1314.6	1535.6	1756.5	1834.1	1911.7
42.5°	610.8	629.2	648.9	725.6	802.3	1062.4	1322.7	1604.1	1885.7	1997.8	2109.9
45°	574.9	592.7	612.6	679.9	747.1	1042.0	1336.9	1694.5	2052.2	2203.3	2354.4
47.5°	542.8	558.1	583.8	643.7	703.6	1025.1	1346.6	1790.8	2234.8	2447.6	2660.4
50°	514.6	532.4	566.2	619.7	673.2	1006.8	1340.3	1880.1	2419.8	2740.6	3061.4
52.5°	493.5	518.3	557.3	603.9	650.6	975.7	1300.9	1938.1	2575.1	3048.4	3521.6
55°	482.4	519.8	556.0	592.4	628.9	924.2	1219.6	1925.3	2630.9	3321.2	4011.6
57.5°	475.6	521.2	553.1	578.9	604.6	851.8	1098.9	1835.4	2571.8	3514.6	4457.3
60°	469.3	516.8	537.8	558.1	578.4	757.6	936.8	1668.0	2399.1	3562.9	4726.7
62.5°	462.0	506.0	508.6	522.0	535.5	644.9	754.3	1441.7	2128.9	3359.4	4590.0
65°	446.5	480.0	479.7	486.1	492.4	543.5	594.6	1210.7	1826.9	3071.5	4316.2
67.5°	418.8	437.7	438.6	435.1	431.5	446.1	460.5	984.5	1508.5	2728.9	3949.3
70°	383.8	390.0	390.0	373.6	357.1	353.0	348.8	775.2	1201.5	2355.0	3508.7
72.5°	344.7	344.6	340.7	317.4	294.2	281.6	269.1	592.7	916.1	1949.8	2983.5
75°	300.4	302.0	283.8	257.8	231.6	220.3	209.0	430.1	651.3	1485.2	2319.2
77.5°	255.9	256.8	227.0	201.7	176.3	168.6	160.8	291.4	422.1	1039.6	1657.0
80°	205.3	205.5	169.9	148.5	127.0	123.8	120.6	187.8	255.0	669.7	1084.4
82.5°	151.1	149.3	119.0	103.2	87.4	86.7	86.2	115.5	144.9	387.7	630.4
85°	99.4	97.3	74.7	63.1	51.6	51.9	52.1	61.7	71.4	174.4	277.4
87.5°	44.0	41.1	31.8	27.0	22.2	22.5	22.9	25.6	28.4	57.1	85.9
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	1123.5	1127.7	1133.8	1139.8	1143.4	1147.0	1148.8	1150.6	1149.7	1150.6	1148.8
5°	1218.3	1233.2	1247.8	1262.6	1270.6	1278.6	1283.4	1288.3	1291.9	1288.3	1283.4
7.5°	1312.3	1336.4	1358.0	1379.8	1392.8	1405.9	1413.0	1419.9	1423.3	1419.9	1413.0
10°	1381.6	1410.1	1435.5	1460.9	1476.4	1491.7	1498.6	1505.4	1508.0	1505.4	1498.6
12.5°	1423.7	1454.6	1477.5	1500.5	1511.7	1522.8	1526.6	1530.3	1530.7	1530.3	1526.6
15°	1443.6	1470.3	1484.7	1499.2	1499.6	1500.0	1496.0	1492.0	1487.3	1492.0	1496.0
17.5°	1448.5	1466.6	1466.9	1467.1	1450.9	1434.7	1419.9	1405.1	1394.6	1405.1	1419.9
20°	1451.8	1458.1	1439.1	1420.1	1384.5	1348.7	1322.8	1296.7	1280.7	1296.7	1322.8
22.5°	1454.7	1446.4	1407.1	1367.9	1315.3	1262.8	1230.3	1197.8	1180.1	1197.8	1230.3
25°	1459.3	1433.4	1373.7	1313.9	1250.2	1186.4	1152.2	1118.2	1101.5	1118.2	1152.2
27.5°	1469.2	1422.7	1343.7	1264.7	1194.0	1123.3	1089.7	1056.2	1040.4	1056.2	1089.7
30°	1487.3	1418.2	1320.8	1223.5	1149.9	1076.2	1045.1	1013.9	999.2	1013.9	1045.1
32.5°	1510.1	1415.3	1305.3	1195.3	1126.0	1056.8	1032.3	1007.8	997.2	1007.8	1032.3
35°	1547.5	1431.6	1316.9	1202.3	1154.3	1106.2	1100.4	1094.7	1093.9	1094.7	1100.4
37.5°	1626.0	1489.5	1385.3	1281.0	1278.0	1274.9	1300.9	1327.1	1340.7	1327.1	1300.9
40°	1763.4	1615.0	1537.5	1460.0	1514.7	1569.4	1632.9	1696.5	1728.0	1696.5	1632.9
42.5°	1962.7	1815.5	1770.8	1726.1	1845.5	1964.8	2080.3	2195.8	2263.6	2195.8	2080.3
45°	2222.2	2090.0	2070.3	2050.5	2241.7	2432.9	2622.7	2812.5	2927.7	2812.5	2622.7
47.5°	2531.8	2403.1	2399.1	2395.1	2670.8	2946.6	3224.4	3502.2	3665.4	3502.2	3224.4
50°	2902.4	2743.5	2744.2	2745.0	3100.3	3455.8	3822.5	4189.3	4411.0	4189.3	3822.5
52.5°	3329.2	3136.8	3117.3	3097.9	3522.4	3947.0	4400.7	4854.5	5120.3	4854.5	4400.7
55°	3821.5	3631.5	3555.6	3479.8	3952.3	4424.8	4965.7	5506.6	5822.7	5506.6	4965.7
57.5°	4353.8	4250.3	4098.2	3946.0	4423.2	4900.3	5513.0	6125.7	6517.7	6125.7	5513.0
60°	4887.5	5048.3	4859.4	4670.5	5122.0	5573.5	6229.5	6885.5	7309.2	6885.5	6229.5
62.5°	5029.3	5468.6	5447.4	5425.9	5839.6	6253.3	6877.4	7501.5	7893.1	7501.5	6877.4
65°	4728.5	5140.9	5222.5	5304.0	5829.6	6355.3	6960.5	7565.6	7899.1	7565.6	6960.5
67.5°	4341.5	4733.7	4772.0	4810.1	5357.9	5905.5	6513.3	7121.1	7382.3	7121.1	6513.3
70°	3935.2	4361.8	4378.9	4396.0	4885.8	5375.5	5898.6	6421.6	6566.8	6421.6	5898.6
72.5°	3473.0	3962.5	3974.8	3987.0	4370.3	4753.4	5145.2	5536.8	5551.6	5536.8	5145.2
75°	2825.7	3332.4	3377.9	3423.4	3721.5	4019.6	4295.4	4571.2	4497.3	4571.2	4295.4
77.5°	2129.8	2602.9	2668.0	2733.1	2959.7	3186.3	3381.9	3577.6	3450.6	3577.6	3381.9
80°	1482.4	1880.3	1961.1	2042.0	2213.2	2384.3	2487.1	2589.7	2385.4	2589.7	2487.1
82.5°	902.4	1174.4	1264.8	1355.3	1473.0	1590.9	1633.7	1676.5	1516.0	1676.5	1633.7
85°	421.7	566.1	643.0	719.9	816.6	913.5	937.8	962.1	833.4	962.1	937.8
87.5°	134.4	182.9	225.8	268.7	317.1	365.5	367.6	369.6	310.3	369.6	367.6
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-SB2A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8	1040.8
2.5°	1147.0	1143.4	1139.8	1133.8	1127.7	1123.5	1119.2
5°	1278.6	1270.6	1262.6	1247.8	1233.2	1218.3	1203.5
7.5°	1405.9	1392.8	1379.8	1358.0	1336.4	1312.3	1288.1
10°	1491.7	1476.4	1460.9	1435.5	1410.1	1381.6	1353.1
12.5°	1522.8	1511.7	1500.5	1477.5	1454.6	1423.7	1392.8
15°	1500.0	1499.6	1499.2	1484.7	1470.3	1443.6	1417.0
17.5°	1434.7	1450.9	1467.1	1466.9	1466.6	1448.5	1430.5
20°	1348.7	1384.5	1420.1	1439.1	1458.1	1451.8	1445.5
22.5°	1262.8	1315.3	1367.9	1407.1	1446.4	1454.7	1462.9
25°	1186.4	1250.2	1313.9	1373.7	1433.4	1459.3	1485.2
27.5°	1123.3	1194.0	1264.7	1343.7	1422.7	1469.2	1515.6
30°	1076.2	1149.9	1223.5	1320.8	1418.2	1487.3	1556.6
32.5°	1056.8	1126.0	1195.3	1305.3	1415.3	1510.1	1604.8
35°	1106.2	1154.3	1202.3	1316.9	1431.6	1547.5	1663.6
37.5°	1274.9	1278.0	1281.0	1385.3	1489.5	1626.0	1762.4
40°	1569.4	1514.7	1460.0	1537.5	1615.0	1763.4	1911.7
42.5°	1964.8	1845.5	1726.1	1770.8	1815.5	1962.7	2109.9
45°	2432.9	2241.7	2050.5	2070.3	2090.0	2222.2	2354.4
47.5°	2946.6	2670.8	2395.1	2399.1	2403.1	2531.8	2660.4
50°	3455.8	3100.3	2745.0	2744.2	2743.5	2902.4	3061.4
52.5°	3947.0	3522.4	3097.9	3117.3	3136.8	3329.2	3521.6
55°	4424.8	3952.3	3479.8	3555.6	3631.5	3821.5	4011.6
57.5°	4900.3	4423.2	3946.0	4098.2	4250.3	4353.8	4457.3
60°	5573.5	5122.0	4670.5	4859.4	5048.3	4887.5	4726.7
62.5°	6253.3	5839.6	5425.9	5447.4	5468.6	5029.3	4590.0
65°	6355.3	5829.6	5304.0	5222.5	5140.9	4728.5	4316.2
67.5°	5905.5	5357.9	4810.1	4772.0	4733.7	4341.5	3949.3
70°	5375.5	4885.8	4396.0	4378.9	4361.8	3935.2	3508.7
72.5°	4753.4	4370.3	3987.0	3974.8	3962.5	3473.0	2983.5
75°	4019.6	3721.5	3423.4	3377.9	3332.4	2825.7	2319.2
77.5°	3186.3	2959.7	2733.1	2668.0	2602.9	2129.8	1657.0
80°	2384.3	2213.2	2042.0	1961.1	1880.3	1482.4	1084.4
82.5°	1590.9	1473.0	1355.3	1264.8	1174.4	902.4	630.4
85°	913.5	816.6	719.9	643.0	566.1	421.7	277.4
87.5°	365.5	317.1	268.7	225.8	182.9	134.4	85.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)