

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: P960473

Luminaire Tested: **NAV-SB1C-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P960473
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-SB1C-827-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(1) 80 CRI, 2700K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

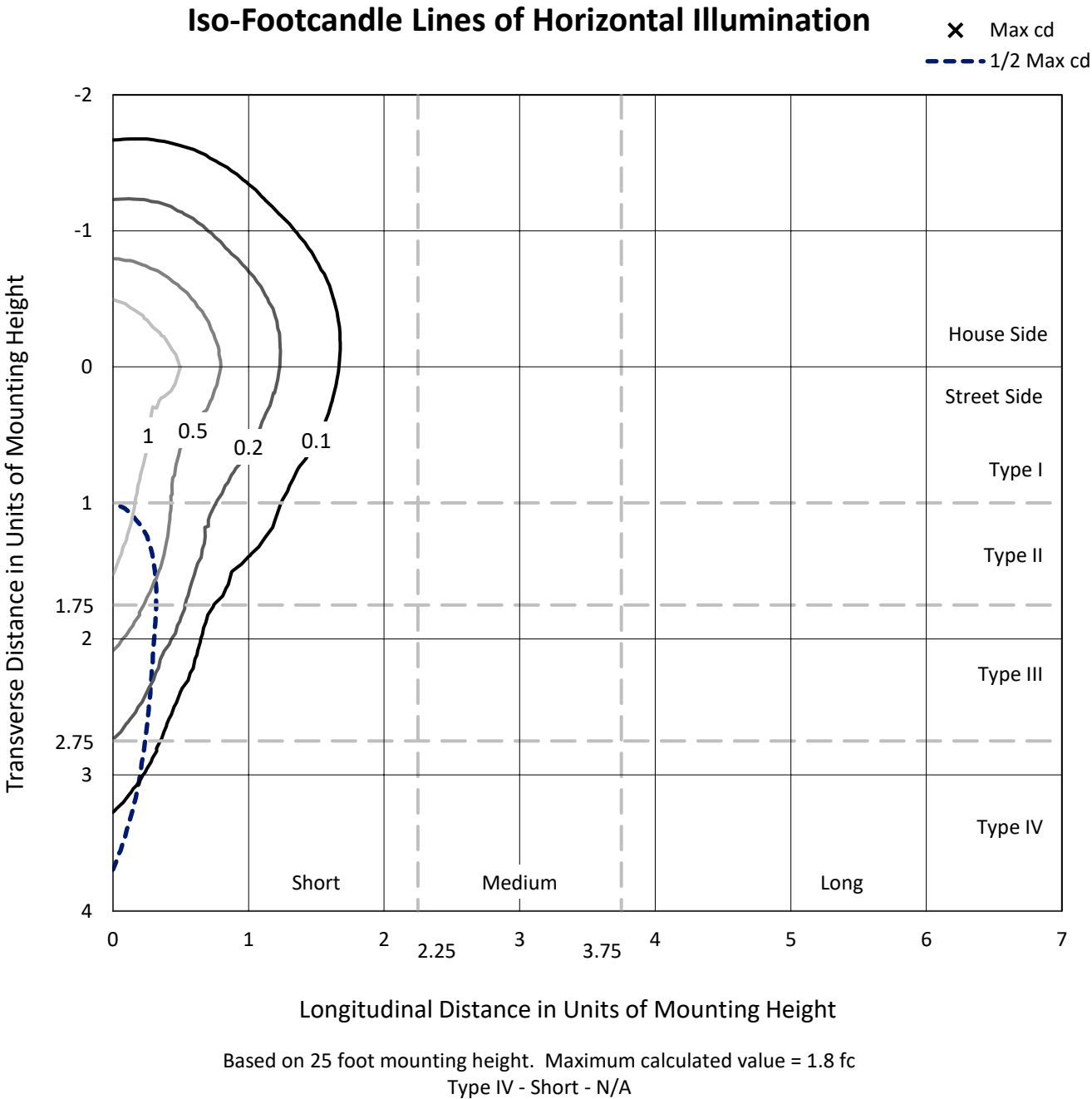
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6653.3 lumens
Efficiency: N/A
Efficacy: 122.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

Input Watts (W): 54.4
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

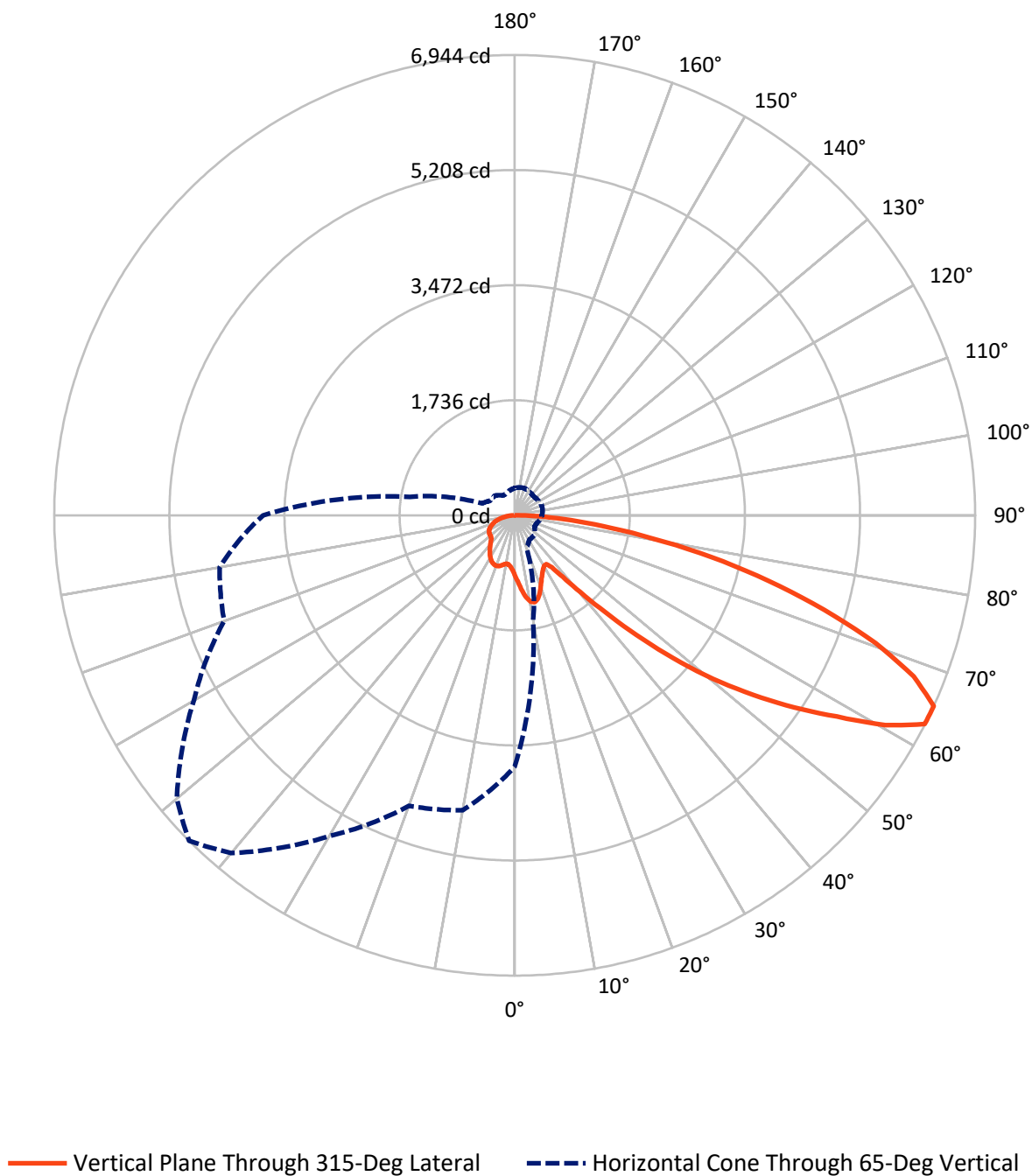


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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1690.9	0.0	1690.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	4962.3	0.0	4962.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	6653.3	0.0	6653.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.8	1.4
10°-20°	284.9	4.3
20°-30°	440.1	6.6
30°-40°	557.7	8.4
40°-50°	841.1	12.6
50°-60°	1359.0	20.4
60°-70°	1694.2	25.5
70°-80°	1111.0	16.7
80°-90°	274.7	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°	6653.3	100.0
0°-180°	6653.3	100.0

Coefficient of Utilization



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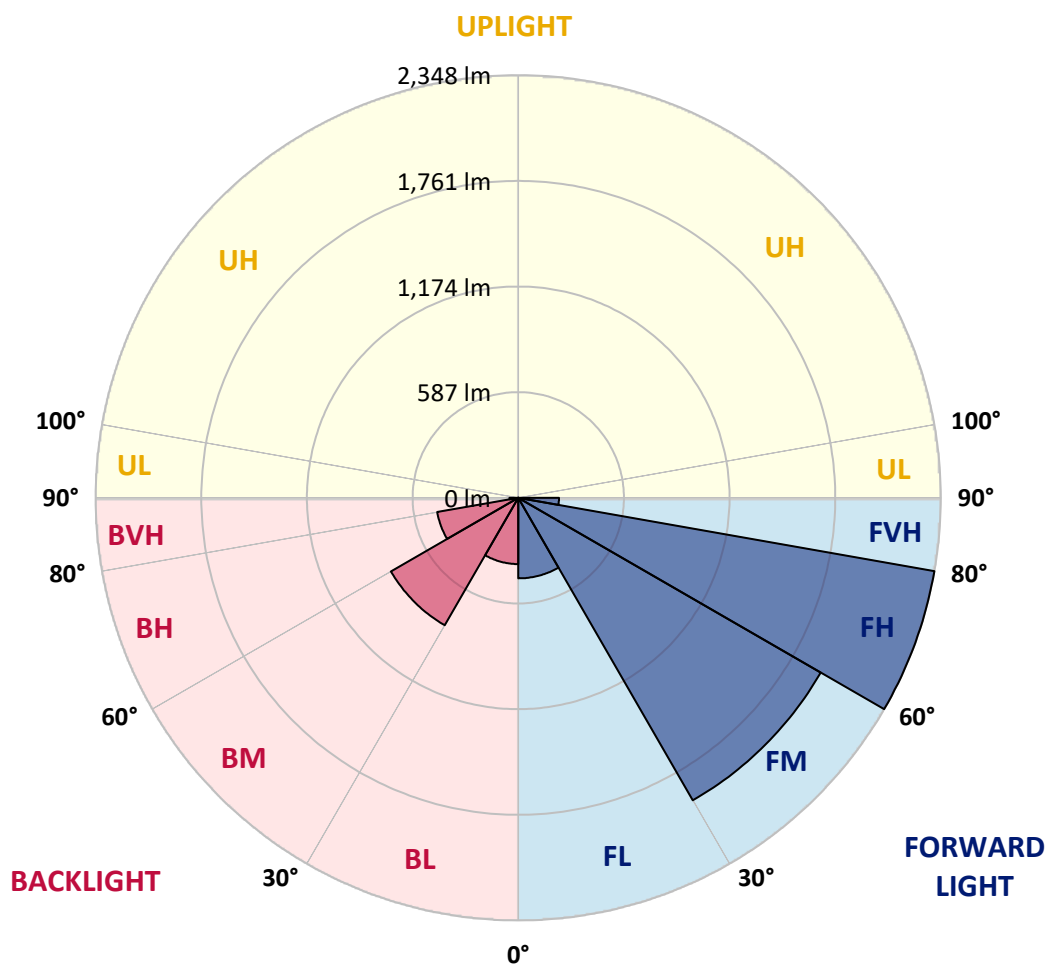
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	447.5	6.7			
FM	(30°-60°)	1940.6	29.2			
FH	(60°-80°)	2348.0	35.3			G2/5000
FVH	(80°-90°)	226.3	3.4			G3/500
BL	(0°-30°)	368.2	5.5	B1/500		
BM	(30°-60°)	817.2	12.3	B1/1000		
BH	(60°-80°)	457.1	6.9	B1/500		G1/500
BVH	(80°-90°)	48.4	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	983.9	976.3	968.7	960.7	952.7	944.6	936.5	928.9	921.2	913.7	905.4
5°	1057.9	1041.3	1024.6	1008.0	991.4	974.6	957.9	942.3	926.6	911.9	897.3
7.5°	1132.4	1104.8	1077.4	1052.0	1026.5	1001.7	977.0	955.2	933.5	913.3	894.4
10°	1189.4	1154.7	1119.8	1086.2	1052.7	1022.6	992.5	966.8	941.0	916.1	895.8
12.5°	1224.4	1186.1	1147.9	1109.9	1071.8	1036.4	1000.9	971.7	942.6	916.5	897.6
15°	1245.6	1205.7	1165.9	1124.6	1083.3	1042.5	1001.6	967.9	934.1	905.2	890.1
17.5°	1257.6	1217.1	1176.7	1131.7	1086.6	1039.2	991.8	951.2	910.6	876.6	867.4
20°	1270.7	1228.7	1186.6	1137.1	1087.6	1030.2	972.8	922.5	872.2	832.6	830.1
22.5°	1286.0	1243.0	1200.2	1144.6	1089.1	1019.3	949.4	888.8	828.1	783.1	787.9
25°	1305.6	1263.5	1221.5	1158.1	1094.6	1008.3	922.1	851.1	780.0	733.9	746.9
27.5°	1332.3	1292.2	1252.0	1179.2	1106.2	1001.1	896.0	816.6	737.3	695.3	711.0
30°	1368.3	1329.5	1290.8	1206.4	1122.1	997.6	873.2	787.8	702.5	667.2	679.6
32.5°	1410.8	1372.4	1334.0	1234.9	1135.8	993.4	851.1	763.0	675.0	646.5	652.0
35°	1462.4	1425.7	1388.9	1267.3	1145.8	985.5	825.3	738.6	651.9	628.2	626.0
37.5°	1549.3	1502.4	1455.6	1303.7	1151.8	971.9	792.1	709.9	627.7	607.0	598.6
40°	1680.6	1612.3	1544.1	1349.8	1155.6	953.2	750.9	675.7	600.3	581.6	568.8
42.5°	1854.7	1756.1	1657.6	1410.2	1162.7	933.9	705.2	637.9	570.4	553.1	537.0
45°	2069.7	1936.8	1804.0	1489.5	1175.2	915.9	656.8	597.7	538.5	521.0	505.3
47.5°	2338.6	2151.6	1964.6	1574.2	1183.8	901.2	618.5	565.9	513.2	490.7	477.1
50°	2691.1	2409.2	2127.2	1652.7	1178.1	885.0	591.8	544.8	497.7	468.0	452.3
52.5°	3095.7	2679.7	2263.7	1703.7	1143.6	857.7	571.8	530.8	489.9	455.7	433.9
55°	3526.5	2919.5	2312.7	1692.4	1072.1	812.5	552.9	520.8	488.7	456.9	424.0
57.5°	3918.3	3089.6	2260.8	1613.4	966.0	748.8	531.6	508.9	486.3	458.2	418.1
60°	4155.0	3132.0	2108.9	1466.3	823.5	665.9	508.4	490.7	472.8	454.3	412.6
62.5°	4034.8	2953.1	1871.4	1267.3	663.1	566.9	470.7	458.9	447.1	444.8	406.1
65°	3794.1	2700.1	1606.0	1064.3	522.6	477.8	432.9	427.3	421.7	422.0	392.5
67.5°	3471.7	2398.9	1326.0	865.4	404.9	392.1	379.4	382.4	385.5	384.8	368.2
70°	3084.3	2070.3	1056.2	681.4	306.7	310.3	314.0	328.4	342.9	342.9	337.3
72.5°	2622.7	1714.0	805.3	520.9	236.6	247.5	258.6	279.1	299.5	303.0	303.1
75°	2038.6	1305.5	572.6	378.1	183.7	193.6	203.7	226.6	249.6	265.4	264.0
77.5°	1456.6	913.8	371.0	256.2	141.4	148.2	155.0	177.3	199.6	225.7	225.0
80°	953.4	588.8	224.2	165.0	106.0	108.9	111.6	130.5	149.3	180.6	180.5
82.5°	554.1	340.7	127.4	101.6	75.7	76.3	76.8	90.7	104.7	131.3	132.7
85°	243.8	153.2	62.7	54.3	45.8	45.6	45.3	55.5	65.6	85.5	87.4
87.5°	75.4	50.2	24.9	22.5	20.1	19.9	19.6	23.8	27.9	36.2	38.6
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	898.6	891.9	885.8	879.8	874.4	869.2	863.9	858.5	854.4	850.2	847.0
5°	884.6	871.9	861.2	850.5	841.1	831.8	823.2	814.7	808.1	801.4	796.9
7.5°	877.5	860.7	846.6	832.6	820.7	808.8	798.4	788.0	780.1	772.3	766.9
10°	878.0	860.2	846.1	832.1	819.4	806.6	794.8	783.1	773.7	764.3	758.2
12.5°	883.0	868.5	859.2	849.8	839.8	829.8	817.6	805.5	793.6	781.7	773.8
15°	883.1	876.2	877.5	878.7	876.2	873.5	862.9	852.4	835.4	818.4	806.4
17.5°	869.9	872.4	887.8	903.0	911.1	919.2	910.7	902.2	879.8	857.2	839.6
20°	842.0	853.9	880.6	907.1	924.1	941.3	937.3	933.3	907.5	881.9	860.2
22.5°	805.5	823.2	853.5	884.0	906.1	928.2	930.6	933.0	908.4	883.9	861.5
25°	767.2	787.6	814.9	842.2	864.0	885.8	894.0	902.1	881.9	861.8	841.9
27.5°	730.7	750.4	772.8	795.2	812.7	830.2	839.3	848.4	834.0	819.7	804.2
30°	695.2	710.8	729.5	748.0	762.6	777.1	784.4	791.8	780.9	770.0	758.9
32.5°	661.2	670.5	685.3	700.2	714.1	728.1	736.3	744.5	734.4	724.4	715.6
35°	628.5	631.1	642.4	653.6	667.5	681.2	691.1	700.9	693.7	686.6	678.4
37.5°	595.8	593.1	601.2	609.3	623.0	636.7	648.9	661.0	657.7	654.5	647.0
40°	562.4	556.1	561.9	567.7	581.0	594.3	608.2	622.3	623.1	623.8	617.5
42.5°	528.5	520.1	524.9	529.7	542.2	554.8	570.0	585.1	589.1	593.2	587.7
45°	497.1	488.9	492.9	497.0	509.0	520.9	536.6	552.3	558.0	563.9	558.9
47.5°	470.3	463.4	467.2	471.0	482.7	494.3	509.7	525.2	531.9	538.5	535.2
50°	446.3	440.1	446.1	452.0	463.0	474.1	487.8	501.6	510.2	518.9	518.5
52.5°	427.8	421.8	430.7	439.5	449.7	459.7	472.6	485.5	495.7	505.8	507.7
55°	414.5	405.0	417.6	430.1	441.1	451.9	463.2	474.5	485.2	496.0	498.6
57.5°	404.3	390.3	403.8	417.4	430.2	443.0	454.2	465.4	476.2	487.0	489.5
60°	394.5	376.5	388.4	400.3	414.9	429.7	441.0	452.3	463.2	474.2	476.9
62.5°	383.6	361.1	368.6	376.2	393.3	410.4	422.5	434.6	444.5	454.6	457.3
65°	368.6	344.6	347.5	350.3	368.7	387.0	398.6	410.2	419.0	427.7	430.5
67.5°	348.3	328.3	327.4	326.5	343.4	360.4	371.4	382.3	389.9	397.5	400.2
70°	323.2	309.0	305.9	302.7	317.5	332.5	341.9	351.4	358.2	365.1	367.7
72.5°	293.4	283.6	279.0	274.4	286.1	297.8	306.4	314.9	321.6	328.3	331.4
75°	256.6	249.1	244.7	240.2	248.9	257.6	265.4	273.2	279.2	285.4	288.5
77.5°	219.0	213.0	208.5	204.1	211.2	218.2	224.9	231.5	237.9	244.4	247.3
80°	175.5	170.5	166.7	162.9	168.8	174.7	180.3	185.9	190.8	195.6	199.6
82.5°	130.3	127.8	125.2	122.5	122.1	121.6	119.6	117.6	128.0	138.4	145.2
85°	84.8	82.1	79.1	76.2	73.7	71.1	65.6	60.2	69.9	79.6	88.1
87.5°	37.5	36.5	36.0	35.4	35.3	35.2	31.1	26.9	31.0	35.1	38.4
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°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	843.6	841.0	838.4	836.0	833.6	830.7	833.6	836.0	838.4	841.0	843.6
5°	792.3	789.0	785.8	783.3	780.7	778.3	780.7	783.3	785.8	789.0	792.3
7.5°	761.4	757.7	753.9	751.6	749.5	747.7	749.5	751.6	753.9	757.7	761.4
10°	752.0	748.6	745.0	743.0	741.2	740.4	741.2	743.0	745.0	748.6	752.0
12.5°	765.9	761.9	758.0	756.3	754.7	754.4	754.7	756.3	758.0	761.9	765.9
15°	794.4	788.8	783.4	781.3	779.2	779.0	779.2	781.3	783.4	788.8	794.4
17.5°	821.8	813.7	805.5	802.9	800.1	799.7	800.1	802.9	805.5	813.7	821.8
20°	838.6	828.1	817.6	814.3	811.0	810.0	811.0	814.3	817.6	828.1	838.6
22.5°	839.2	828.1	817.1	813.4	809.7	808.1	809.7	813.4	817.1	828.1	839.2
25°	822.2	812.6	803.1	799.6	796.1	794.1	796.1	799.6	803.1	812.6	822.2
27.5°	788.8	782.5	776.0	774.5	772.8	772.3	772.8	774.5	776.0	782.5	788.8
30°	747.8	744.6	741.3	741.3	741.3	741.8	741.3	741.3	741.3	744.6	747.8
32.5°	706.7	704.6	702.4	702.7	703.0	703.6	703.0	702.7	702.4	704.6	706.7
35°	670.3	667.1	663.9	663.2	662.5	662.2	662.5	663.2	663.9	667.1	670.3
37.5°	639.5	633.6	627.6	624.5	621.4	619.6	621.4	624.5	627.6	633.6	639.5
40°	611.1	602.5	594.0	588.1	582.3	578.9	582.3	588.1	594.0	602.5	611.1
42.5°	582.4	571.7	561.0	552.6	544.1	538.5	544.1	552.6	561.0	571.7	582.4
45°	554.1	541.9	529.7	519.8	509.8	503.5	509.8	519.8	529.7	541.9	554.1
47.5°	531.8	520.9	510.0	500.8	491.7	485.5	491.7	500.8	510.0	520.9	531.8
50°	518.4	509.7	501.0	492.5	484.0	478.2	484.0	492.5	501.0	509.7	518.4
52.5°	509.4	502.4	495.3	487.7	480.1	474.7	480.1	487.7	495.3	502.4	509.4
55°	501.0	494.9	488.7	482.1	475.4	470.5	475.4	482.1	488.7	494.9	501.0
57.5°	492.1	485.8	479.6	473.0	466.4	461.4	466.4	473.0	479.6	485.8	492.1
60°	479.7	473.7	467.5	460.7	454.0	448.6	454.0	460.7	467.5	473.7	479.7
62.5°	460.0	454.5	449.0	441.8	434.6	428.3	434.6	441.8	449.0	454.5	460.0
65°	433.3	427.9	422.7	415.7	408.8	403.3	408.8	415.7	422.7	427.9	433.3
67.5°	402.8	398.0	393.1	386.6	380.2	375.3	380.2	386.6	393.1	398.0	402.8
70°	370.3	366.3	362.3	356.2	350.0	344.4	350.0	356.2	362.3	366.3	370.3
72.5°	334.5	331.2	327.9	322.0	316.1	310.7	316.1	322.0	327.9	331.2	334.5
75°	291.8	290.2	288.5	283.6	278.7	273.5	278.7	283.6	288.5	290.2	291.8
77.5°	250.4	248.2	245.8	240.9	235.9	231.8	235.9	240.9	245.8	248.2	250.4
80°	203.7	202.6	201.7	195.0	188.3	180.4	188.3	195.0	201.7	202.6	203.7
82.5°	152.0	151.6	151.1	145.4	139.8	134.8	139.8	145.4	151.1	151.6	152.0
85°	96.6	95.8	95.1	90.7	86.3	81.8	86.3	90.7	95.1	95.8	96.6
87.5°	41.8	41.0	40.1	37.8	35.6	33.3	35.6	37.8	40.1	41.0	41.8
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	847.0	850.2	854.4	858.5	863.9	869.2	874.4	879.8	885.8	891.9	898.6
5°	796.9	801.4	808.1	814.7	823.2	831.8	841.1	850.5	861.2	871.9	884.6
7.5°	766.9	772.3	780.1	788.0	798.4	808.8	820.7	832.6	846.6	860.7	877.5
10°	758.2	764.3	773.7	783.1	794.8	806.6	819.4	832.1	846.1	860.2	878.0
12.5°	773.8	781.7	793.6	805.5	817.6	829.8	839.8	849.8	859.2	868.5	883.0
15°	806.4	818.4	835.4	852.4	862.9	873.5	876.2	878.7	877.5	876.2	883.1
17.5°	839.6	857.2	879.8	902.2	910.7	919.2	911.1	903.0	887.8	872.4	869.9
20°	860.2	881.9	907.5	933.3	937.3	941.3	924.1	907.1	880.6	853.9	842.0
22.5°	861.5	883.9	908.4	933.0	930.6	928.2	906.1	884.0	853.5	823.2	805.5
25°	841.9	861.8	881.9	902.1	894.0	885.8	864.0	842.2	814.9	787.6	767.2
27.5°	804.2	819.7	834.0	848.4	839.3	830.2	812.7	795.2	772.8	750.4	730.7
30°	758.9	770.0	780.9	791.8	784.4	777.1	762.6	748.0	729.5	710.8	695.2
32.5°	715.6	724.4	734.4	744.5	736.3	728.1	714.1	700.2	685.3	670.5	661.2
35°	678.4	686.6	693.7	700.9	691.1	681.2	667.5	653.6	642.4	631.1	628.5
37.5°	647.0	654.5	657.7	661.0	648.9	636.7	623.0	609.3	601.2	593.1	595.8
40°	617.5	623.8	623.1	622.3	608.2	594.3	581.0	567.7	561.9	556.1	562.4
42.5°	587.7	593.2	589.1	585.1	570.0	554.8	542.2	529.7	524.9	520.1	528.5
45°	558.9	563.9	558.0	552.3	536.6	520.9	509.0	497.0	492.9	488.9	497.1
47.5°	535.2	538.5	531.9	525.2	509.7	494.3	482.7	471.0	467.2	463.4	470.3
50°	518.5	518.9	510.2	501.6	487.8	474.1	463.0	452.0	446.1	440.1	446.3
52.5°	507.7	505.8	495.7	485.5	472.6	459.7	449.7	439.5	430.7	421.8	427.8
55°	498.6	496.0	485.2	474.5	463.2	451.9	441.1	430.1	417.6	405.0	414.5
57.5°	489.5	487.0	476.2	465.4	454.2	443.0	430.2	417.4	403.8	390.3	404.3
60°	476.9	474.2	463.2	452.3	441.0	429.7	414.9	400.3	388.4	376.5	394.5
62.5°	457.3	454.6	444.5	434.6	422.5	410.4	393.3	376.2	368.6	361.1	383.6
65°	430.5	427.7	419.0	410.2	398.6	387.0	368.7	350.3	347.5	344.6	368.6
67.5°	400.2	397.5	389.9	382.3	371.4	360.4	343.4	326.5	327.4	328.3	348.3
70°	367.7	365.1	358.2	351.4	341.9	332.5	317.5	302.7	305.9	309.0	323.2
72.5°	331.4	328.3	321.6	314.9	306.4	297.8	286.1	274.4	279.0	283.6	293.4
75°	288.5	285.4	279.2	273.2	265.4	257.6	248.9	240.2	244.7	249.1	256.6
77.5°	247.3	244.4	237.9	231.5	224.9	218.2	211.2	204.1	208.5	213.0	219.0
80°	199.6	195.6	190.8	185.9	180.3	174.7	168.8	162.9	166.7	170.5	175.5
82.5°	145.2	138.4	128.0	117.6	119.6	121.6	122.1	122.5	125.2	127.8	130.3
85°	88.1	79.6	69.9	60.2	65.6	71.1	73.7	76.2	79.1	82.1	84.8
87.5°	38.4	35.1	31.0	26.9	31.1	35.2	35.3	35.4	36.0	36.5	37.5
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°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	905.4	913.7	921.2	928.9	936.5	944.6	952.7	960.7	968.7	976.3	983.9
5°	897.3	911.9	926.6	942.3	957.9	974.6	991.4	1008.0	1024.6	1041.3	1057.9
7.5°	894.4	913.3	933.5	955.2	977.0	1001.7	1026.5	1052.0	1077.4	1104.8	1132.4
10°	895.8	916.1	941.0	966.8	992.5	1022.6	1052.7	1086.2	1119.8	1154.7	1189.4
12.5°	897.6	916.5	942.6	971.7	1000.9	1036.4	1071.8	1109.9	1147.9	1186.1	1224.4
15°	890.1	905.2	934.1	967.9	1001.6	1042.5	1083.3	1124.6	1165.9	1205.7	1245.6
17.5°	867.4	876.6	910.6	951.2	991.8	1039.2	1086.6	1131.7	1176.7	1217.1	1257.6
20°	830.1	832.6	872.2	922.5	972.8	1030.2	1087.6	1137.1	1186.6	1228.7	1270.7
22.5°	787.9	783.1	828.1	888.8	949.4	1019.3	1089.1	1144.6	1200.2	1243.0	1286.0
25°	746.9	733.9	780.0	851.1	922.1	1008.3	1094.6	1158.1	1221.5	1263.5	1305.6
27.5°	711.0	695.3	737.3	816.6	896.0	1001.1	1106.2	1179.2	1252.0	1292.2	1332.3
30°	679.6	667.2	702.5	787.8	873.2	997.6	1122.1	1206.4	1290.8	1329.5	1368.3
32.5°	652.0	646.5	675.0	763.0	851.1	993.4	1135.8	1234.9	1334.0	1372.4	1410.8
35°	626.0	628.2	651.9	738.6	825.3	985.5	1145.8	1267.3	1388.9	1425.7	1462.4
37.5°	598.6	607.0	627.7	709.9	792.1	971.9	1151.8	1303.7	1455.6	1502.4	1549.3
40°	568.8	581.6	600.3	675.7	750.9	953.2	1155.6	1349.8	1544.1	1612.3	1680.6
42.5°	537.0	553.1	570.4	637.9	705.2	933.9	1162.7	1410.2	1657.6	1756.1	1854.7
45°	505.3	521.0	538.5	597.7	656.8	915.9	1175.2	1489.5	1804.0	1936.8	2069.7
47.5°	477.1	490.7	513.2	565.9	618.5	901.2	1183.8	1574.2	1964.6	2151.6	2338.6
50°	452.3	468.0	497.7	544.8	591.8	885.0	1178.1	1652.7	2127.2	2409.2	2691.1
52.5°	433.9	455.7	489.9	530.8	571.8	857.7	1143.6	1703.7	2263.7	2679.7	3095.7
55°	424.0	456.9	488.7	520.8	552.9	812.5	1072.1	1692.4	2312.7	2919.5	3526.5
57.5°	418.1	458.2	486.3	508.9	531.6	748.8	966.0	1613.4	2260.8	3089.6	3918.3
60°	412.6	454.3	472.8	490.7	508.4	665.9	823.5	1466.3	2108.9	3132.0	4155.0
62.5°	406.1	444.8	447.1	458.9	470.7	566.9	663.1	1267.3	1871.4	2953.1	4034.8
65°	392.5	422.0	421.7	427.3	432.9	477.8	522.6	1064.3	1606.0	2700.1	3794.1
67.5°	368.2	384.8	385.5	382.4	379.4	392.1	404.9	865.4	1326.0	2398.9	3471.7
70°	337.3	342.9	342.9	328.4	314.0	310.3	306.7	681.4	1056.2	2070.3	3084.3
72.5°	303.1	303.0	299.5	279.1	258.6	247.5	236.6	520.9	805.3	1714.0	2622.7
75°	264.0	265.4	249.6	226.6	203.7	193.6	183.7	378.1	572.6	1305.5	2038.6
77.5°	225.0	225.7	199.6	177.3	155.0	148.2	141.4	256.2	371.0	913.8	1456.6
80°	180.5	180.6	149.3	130.5	111.6	108.9	106.0	165.0	224.2	588.8	953.4
82.5°	132.7	131.3	104.7	90.7	76.8	76.3	75.7	101.6	127.4	340.7	554.1
85°	87.4	85.5	65.6	55.5	45.3	45.6	45.8	54.3	62.7	153.2	243.8
87.5°	38.6	36.2	27.9	23.8	19.6	19.9	20.1	22.5	24.9	50.2	75.4
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-SB1C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	987.6	991.4	996.6	1001.9	1005.1	1008.3	1009.8	1011.5	1010.8	1011.5	1009.8
5°	1070.9	1084.0	1097.0	1109.9	1116.9	1123.9	1128.2	1132.5	1135.7	1132.5	1128.2
7.5°	1153.5	1174.8	1193.8	1212.9	1224.4	1235.8	1242.0	1248.2	1251.2	1248.2	1242.0
10°	1214.5	1239.5	1261.9	1284.3	1297.9	1311.3	1317.3	1323.4	1325.6	1323.4	1317.3
12.5°	1251.5	1278.7	1298.9	1319.1	1328.9	1338.6	1342.0	1345.3	1345.6	1345.3	1342.0
15°	1269.1	1292.4	1305.1	1317.8	1318.1	1318.6	1315.1	1311.5	1307.4	1311.5	1315.1
17.5°	1273.4	1289.1	1289.4	1289.7	1275.4	1261.2	1248.1	1235.1	1225.9	1235.1	1248.1
20°	1276.2	1281.8	1265.1	1248.3	1217.0	1185.6	1162.8	1139.9	1125.9	1139.9	1162.8
22.5°	1278.7	1271.5	1237.0	1202.4	1156.2	1110.1	1081.5	1052.9	1037.4	1052.9	1081.5
25°	1282.8	1260.0	1207.6	1155.1	1099.0	1042.9	1012.9	982.9	968.2	982.9	1012.9
27.5°	1291.5	1250.7	1181.2	1111.7	1049.6	987.5	958.0	928.4	914.5	928.4	958.0
30°	1307.5	1246.6	1161.1	1075.6	1010.9	946.2	918.7	891.3	878.3	891.3	918.7
32.5°	1327.5	1244.1	1147.4	1050.6	989.8	929.0	907.4	885.9	876.6	885.9	907.4
35°	1360.4	1258.5	1157.6	1056.9	1014.6	972.4	967.4	962.4	961.6	962.4	967.4
37.5°	1429.4	1309.4	1217.8	1126.2	1123.4	1120.6	1143.6	1166.6	1178.5	1166.6	1143.6
40°	1550.1	1419.7	1351.6	1283.4	1331.6	1379.6	1435.4	1491.3	1519.0	1491.3	1435.4
42.5°	1725.3	1595.9	1556.7	1517.4	1622.3	1727.2	1828.7	1930.3	1989.8	1930.3	1828.7
45°	1953.4	1837.2	1819.9	1802.6	1970.6	2138.7	2305.5	2472.4	2573.7	2472.4	2305.5
47.5°	2225.6	2112.4	2108.9	2105.5	2347.9	2590.3	2834.5	3078.7	3222.1	3078.7	2834.5
50°	2551.4	2411.7	2412.3	2413.0	2725.4	3037.9	3360.3	3682.6	3877.6	3682.6	3360.3
52.5°	2926.6	2757.5	2740.3	2723.2	3096.4	3469.6	3868.6	4267.4	4501.1	4267.4	3868.6
55°	3359.3	3192.3	3125.6	3058.9	3474.3	3889.7	4365.2	4840.7	5118.5	4840.7	4365.2
57.5°	3827.2	3736.2	3602.6	3468.8	3888.2	4307.7	4846.3	5384.8	5729.4	5384.8	4846.3
60°	4296.4	4437.7	4271.7	4105.6	4502.6	4899.5	5476.2	6052.8	6425.2	6052.8	5476.2
62.5°	4421.0	4807.2	4788.5	4769.7	5133.4	5497.0	6045.7	6594.2	6938.5	6594.2	6045.7
65°	4156.7	4519.1	4590.9	4662.5	5124.6	5586.8	6118.7	6650.7	6943.8	6650.7	6118.7
67.5°	3816.5	4161.2	4194.8	4228.4	4709.9	5191.3	5725.6	6259.9	6489.5	6259.9	5725.6
70°	3459.3	3834.3	3849.3	3864.4	4295.0	4725.5	5185.3	5645.0	5772.6	5645.0	5185.3
72.5°	3053.0	3483.3	3494.1	3504.9	3841.7	4178.6	4522.9	4867.3	4880.2	4867.3	4522.9
75°	2484.0	2929.3	2969.3	3009.4	3271.4	3533.5	3775.9	4018.3	3953.4	4018.3	3775.9
77.5°	1872.3	2288.1	2345.3	2402.5	2601.8	2801.0	2972.9	3144.9	3033.2	3144.9	2972.9
80°	1303.1	1652.8	1723.9	1795.1	1945.6	2095.9	2186.2	2276.5	2096.9	2276.5	2186.2
82.5°	793.2	1032.4	1111.8	1191.4	1294.9	1398.5	1436.1	1473.7	1332.6	1473.7	1436.1
85°	370.7	497.6	565.2	632.8	717.9	803.0	824.3	845.7	732.7	845.7	824.3
87.5°	118.2	160.8	198.5	236.2	278.7	321.3	323.1	324.9	272.8	324.9	323.1
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: P960473

CATALOG NUMBER: NAV-SB1C-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	914.9	914.9	914.9	914.9	914.9	914.9	914.9
2.5°	1008.3	1005.1	1001.9	996.6	991.4	987.6	983.9
5°	1123.9	1116.9	1109.9	1097.0	1084.0	1070.9	1057.9
7.5°	1235.8	1224.4	1212.9	1193.8	1174.8	1153.5	1132.4
10°	1311.3	1297.9	1284.3	1261.9	1239.5	1214.5	1189.4
12.5°	1338.6	1328.9	1319.1	1298.9	1278.7	1251.5	1224.4
15°	1318.6	1318.1	1317.8	1305.1	1292.4	1269.1	1245.6
17.5°	1261.2	1275.4	1289.7	1289.4	1289.1	1273.4	1257.6
20°	1185.6	1217.0	1248.3	1265.1	1281.8	1276.2	1270.7
22.5°	1110.1	1156.2	1202.4	1237.0	1271.5	1278.7	1286.0
25°	1042.9	1099.0	1155.1	1207.6	1260.0	1282.8	1305.6
27.5°	987.5	1049.6	1111.7	1181.2	1250.7	1291.5	1332.3
30°	946.2	1010.9	1075.6	1161.1	1246.6	1307.5	1368.3
32.5°	929.0	989.8	1050.6	1147.4	1244.1	1327.5	1410.8
35°	972.4	1014.6	1056.9	1157.6	1258.5	1360.4	1462.4
37.5°	1120.6	1123.4	1126.2	1217.8	1309.4	1429.4	1549.3
40°	1379.6	1331.6	1283.4	1351.6	1419.7	1550.1	1680.6
42.5°	1727.2	1622.3	1517.4	1556.7	1595.9	1725.3	1854.7
45°	2138.7	1970.6	1802.6	1819.9	1837.2	1953.4	2069.7
47.5°	2590.3	2347.9	2105.5	2108.9	2112.4	2225.6	2338.6
50°	3037.9	2725.4	2413.0	2412.3	2411.7	2551.4	2691.1
52.5°	3469.6	3096.4	2723.2	2740.3	2757.5	2926.6	3095.7
55°	3889.7	3474.3	3058.9	3125.6	3192.3	3359.3	3526.5
57.5°	4307.7	3888.2	3468.8	3602.6	3736.2	3827.2	3918.3
60°	4899.5	4502.6	4105.6	4271.7	4437.7	4296.4	4155.0
62.5°	5497.0	5133.4	4769.7	4788.5	4807.2	4421.0	4034.8
65°	5586.8	5124.6	4662.5	4590.9	4519.1	4156.7	3794.1
67.5°	5191.3	4709.9	4228.4	4194.8	4161.2	3816.5	3471.7
70°	4725.5	4295.0	3864.4	3849.3	3834.3	3459.3	3084.3
72.5°	4178.6	3841.7	3504.9	3494.1	3483.3	3053.0	2622.7
75°	3533.5	3271.4	3009.4	2969.3	2929.3	2484.0	2038.6
77.5°	2801.0	2601.8	2402.5	2345.3	2288.1	1872.3	1456.6
80°	2095.9	1945.6	1795.1	1723.9	1652.8	1303.1	953.4
82.5°	1398.5	1294.9	1191.4	1111.8	1032.4	793.2	554.1
85°	803.0	717.9	632.8	565.2	497.6	370.7	243.8
87.5°	321.3	278.7	236.2	198.5	160.8	118.2	75.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)