

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: P961527

Luminaire Tested: **NAV-SB2A-827-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P961527
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-827-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(2) 80 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

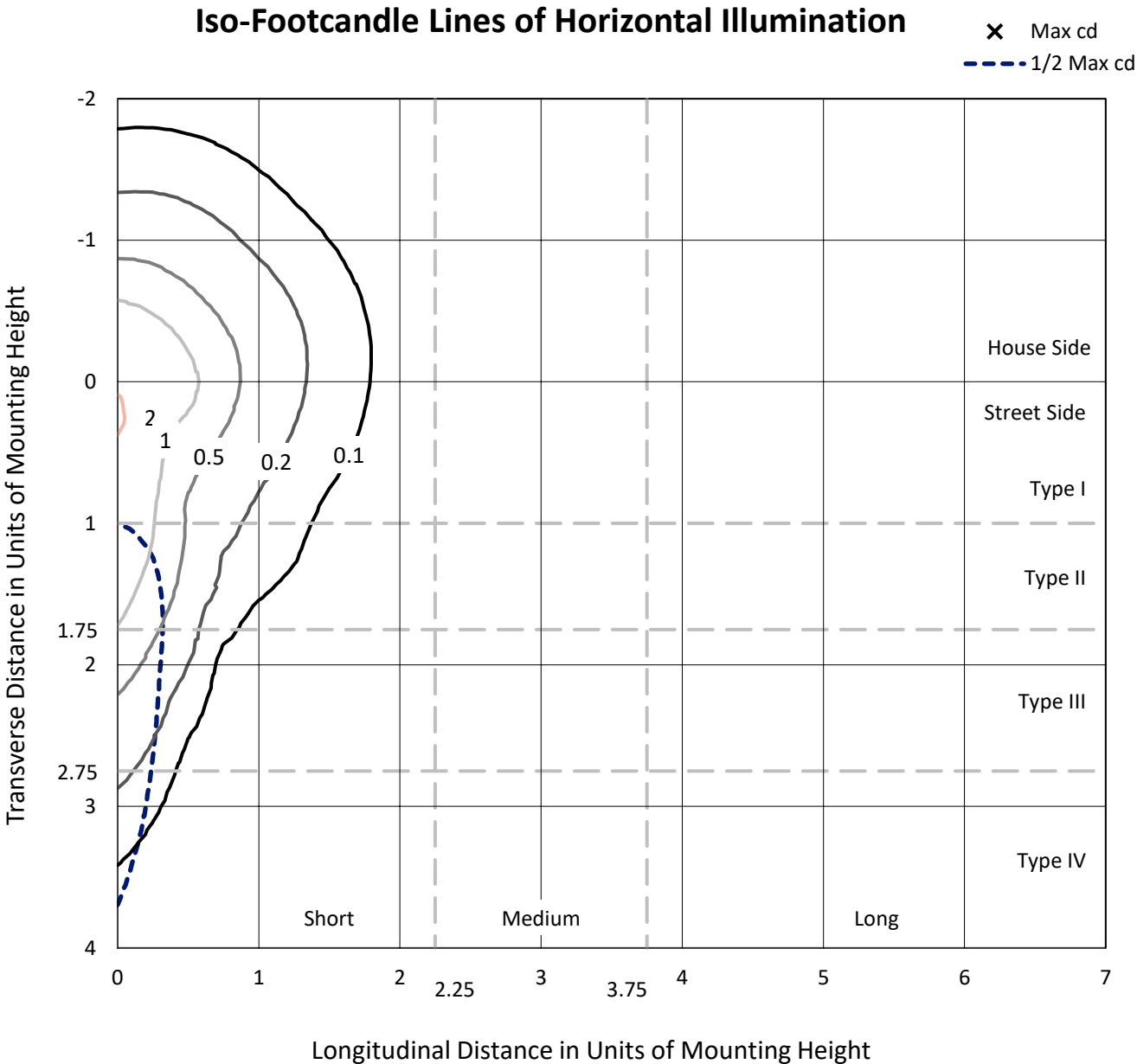
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7967.3 lumens
Efficiency: N/A
Efficacy: 139.0 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



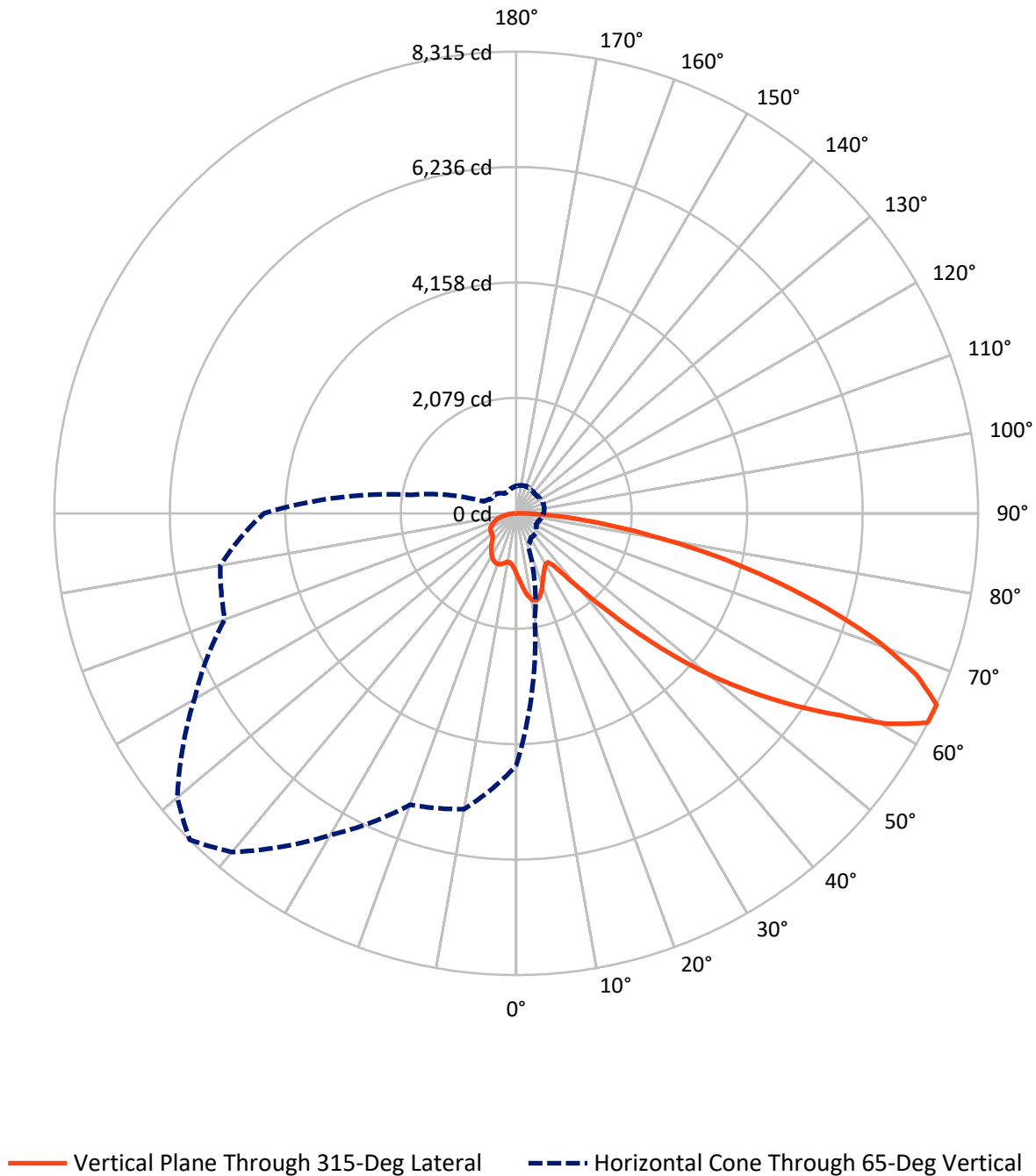
REPORT NUMBER: P961527
CATALOG NUMBER: NAV-SB2A-827-U-SLR



Based on 25 foot mounting height. Maximum calculated value = 2.2 fc
Type IV - Short - N/A

REPORT NUMBER: P961527
CATALOG NUMBER: NAV-SB2A-827-U-SLR

Luminous Intensity Polar Plot



REPORT NUMBER: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

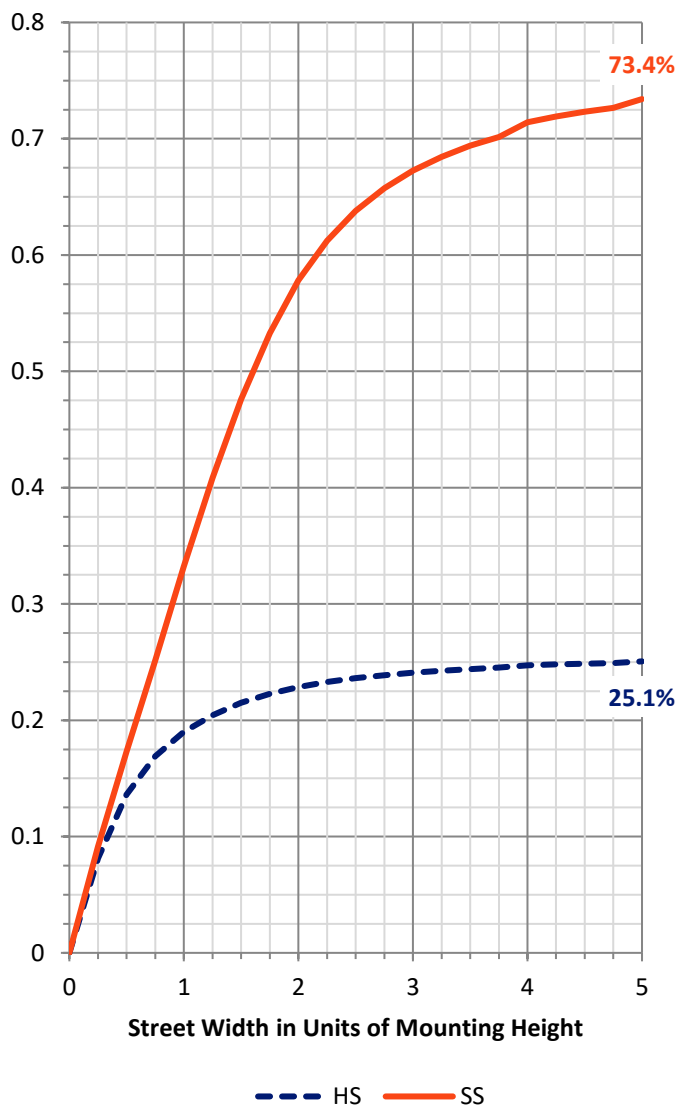
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2024.9	0.0	2024.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5942.4	0.0	5942.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	7967.3	0.0	7967.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.7	1.4
10°-20°	341.2	4.3
20°-30°	527.0	6.6
30°-40°	667.8	8.4
40°-50°	1007.2	12.6
50°-60°	1627.4	20.4
60°-70°	2028.8	25.5
70°-80°	1330.4	16.7
80°-90°	328.9	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°	7967.3	100.0
0°-180°	7967.3	100.0

Coefficient of Utilization



REPORT NUMBER: P961527

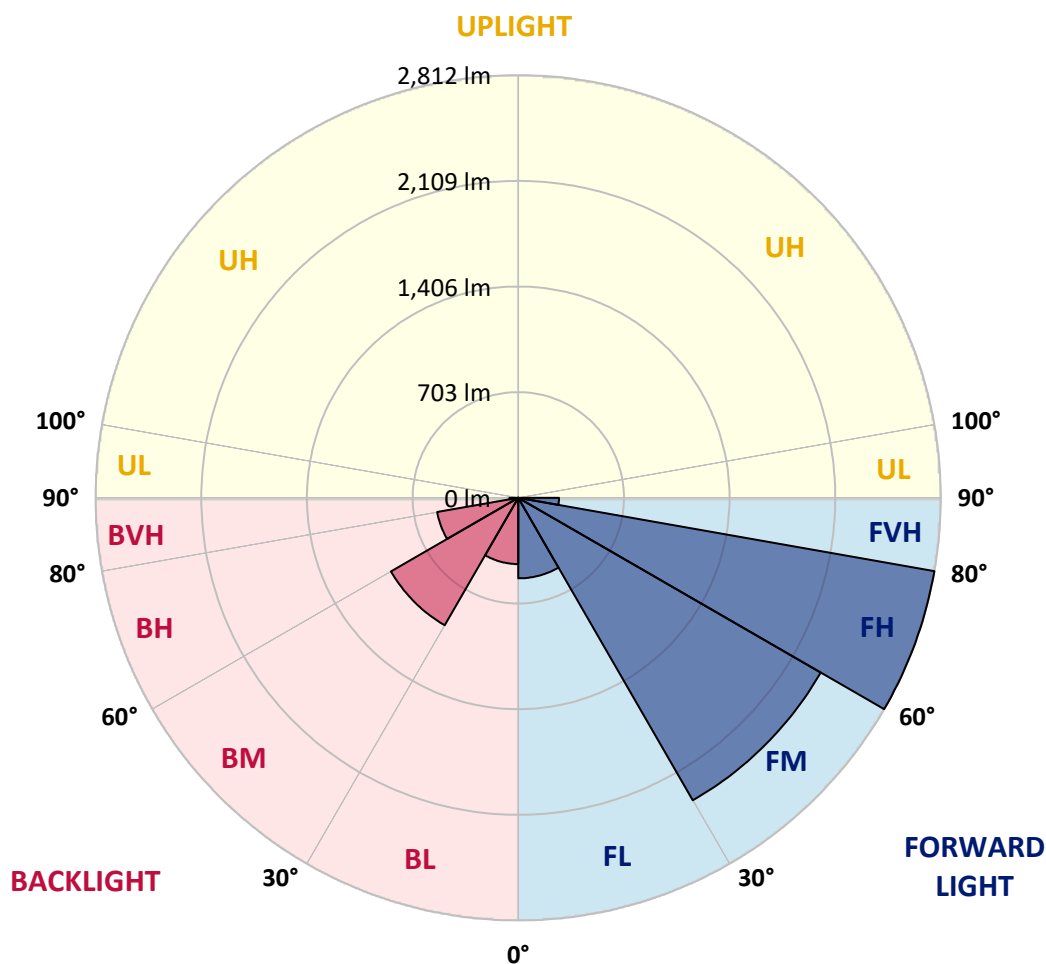
CATALOG NUMBER: NAV-SB2A-827-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	535.9	6.7			
FM	(30°-60°)	2323.9	29.2			
FH	(60°-80°)	2811.7	35.3			G2/5000
FVH	(80°-90°)	270.9	3.4			G3/500
BL	(0°-30°)	440.9	5.5	B1/500		
BM	(30°-60°)	978.5	12.3	B1/1000		
BH	(60°-80°)	547.4	6.9	B2/1000		G2/1000
BVH	(80°-90°)	58.0	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



REPORT NUMBER: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1178.1	1169.1	1160.1	1150.5	1140.9	1131.2	1121.6	1112.3	1103.1	1094.1	1084.1
5°	1266.9	1246.9	1226.9	1207.0	1187.2	1167.1	1147.1	1128.3	1109.7	1092.0	1074.5
7.5°	1356.0	1323.1	1290.2	1259.7	1229.3	1199.7	1170.0	1143.9	1117.8	1093.7	1071.1
10°	1424.3	1382.6	1341.0	1300.7	1260.5	1224.6	1188.6	1157.7	1126.8	1097.1	1072.8
12.5°	1466.2	1420.3	1374.6	1329.1	1283.5	1241.1	1198.5	1163.7	1128.7	1097.5	1074.9
15°	1491.6	1443.9	1396.2	1346.7	1297.2	1248.3	1199.5	1159.1	1118.6	1084.0	1065.9
17.5°	1505.9	1457.6	1409.1	1355.2	1301.2	1244.5	1187.8	1139.1	1090.5	1049.7	1038.6
20°	1521.6	1471.4	1421.1	1361.8	1302.5	1233.7	1164.9	1104.6	1044.4	997.0	994.0
22.5°	1540.0	1488.6	1437.2	1370.7	1304.2	1220.6	1136.8	1064.3	991.7	937.7	943.5
25°	1563.5	1513.1	1462.8	1386.8	1310.9	1207.4	1104.2	1019.2	934.2	878.8	894.4
27.5°	1595.4	1547.4	1499.4	1412.0	1324.7	1198.7	1072.9	978.0	882.9	832.6	851.6
30°	1638.6	1592.1	1545.7	1444.7	1343.7	1194.7	1045.6	943.4	841.2	799.0	813.8
32.5°	1689.4	1643.5	1597.6	1478.8	1360.1	1189.6	1019.2	913.7	808.2	774.2	780.7
35°	1751.2	1707.2	1663.2	1517.6	1372.2	1180.2	988.3	884.5	780.7	752.3	749.6
37.5°	1855.2	1799.2	1743.1	1561.2	1379.2	1163.9	948.5	850.1	751.7	726.9	716.9
40°	2012.5	1930.8	1849.0	1616.4	1383.7	1141.4	899.2	809.0	718.9	696.4	681.0
42.5°	2221.0	2103.0	1985.1	1688.7	1392.3	1118.4	844.5	763.8	683.1	662.4	643.0
45°	2478.4	2319.4	2160.3	1783.8	1407.3	1096.9	786.5	715.7	644.9	623.9	605.2
47.5°	2800.5	2576.5	2352.6	1885.1	1417.6	1079.1	740.7	677.6	614.6	587.5	571.4
50°	3222.6	2885.0	2547.3	1979.1	1410.9	1059.8	708.7	652.4	596.0	560.4	541.7
52.5°	3707.1	3209.0	2710.8	2040.2	1369.5	1027.2	684.8	635.7	586.7	545.7	519.6
55°	4223.0	3496.2	2769.4	2026.7	1283.9	973.0	662.0	623.7	585.3	547.1	507.8
57.5°	4692.1	3699.7	2707.3	1932.0	1156.7	896.7	636.5	609.4	582.3	548.6	500.7
60°	4975.7	3750.6	2525.5	1755.8	986.2	797.6	608.8	587.5	566.2	544.0	494.0
62.5°	4831.7	3536.5	2241.1	1517.6	794.1	678.9	563.6	549.5	535.4	532.7	486.4
65°	4543.5	3233.4	1923.1	1274.5	625.9	572.2	518.3	511.7	505.0	505.3	470.0
67.5°	4157.4	2872.7	1587.9	1036.4	484.8	469.6	454.3	458.0	461.7	460.7	441.0
70°	3693.5	2479.2	1264.7	816.0	367.3	371.6	376.0	393.3	410.5	410.5	404.1
72.5°	3140.6	2052.5	964.4	623.8	283.3	296.4	309.7	334.2	358.6	362.8	362.8
75°	2441.2	1563.4	685.6	452.7	220.0	231.9	243.8	271.3	298.8	317.9	316.2
77.5°	1744.2	1094.3	444.2	306.8	169.3	177.4	185.6	212.3	239.0	270.3	269.5
80°	1141.6	705.0	268.4	197.7	127.0	130.3	133.7	156.3	178.9	216.3	216.2
82.5°	663.6	408.1	152.5	121.6	90.7	91.3	91.9	108.6	125.3	157.2	159.0
85°	292.0	183.6	75.1	65.0	54.8	54.5	54.2	66.4	78.6	102.4	104.7
87.5°	90.4	60.2	29.8	27.0	24.1	23.8	23.5	28.4	33.4	43.3	46.2
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1076.0	1068.0	1060.8	1053.5	1047.1	1040.9	1034.4	1028.1	1023.2	1018.2	1014.2
5°	1059.3	1044.1	1031.3	1018.5	1007.3	996.0	985.8	975.6	967.7	959.8	954.3
7.5°	1050.8	1030.6	1013.8	997.0	982.9	968.6	956.1	943.6	934.2	924.9	918.3
10°	1051.4	1030.1	1013.2	996.4	981.2	965.9	951.8	937.7	926.5	915.3	907.9
12.5°	1057.4	1040.0	1028.8	1017.7	1005.7	993.7	979.2	964.6	950.3	936.0	926.6
15°	1057.6	1049.3	1050.7	1052.3	1049.2	1046.0	1033.4	1020.7	1000.4	980.0	965.7
17.5°	1041.7	1044.7	1063.0	1081.4	1091.1	1100.8	1090.6	1080.5	1053.5	1026.5	1005.3
20°	1008.3	1022.6	1054.4	1086.3	1106.7	1127.1	1122.4	1117.7	1086.8	1056.1	1030.1
22.5°	964.6	985.7	1022.1	1058.5	1085.1	1111.5	1114.4	1117.2	1087.8	1058.4	1031.7
25°	918.8	943.2	975.8	1008.6	1034.6	1060.8	1070.5	1080.2	1056.1	1032.0	1008.2
27.5°	875.0	898.6	925.5	952.3	973.2	994.1	1005.0	1015.9	998.8	981.5	963.1
30°	832.5	851.3	873.5	895.8	913.2	930.6	939.4	948.2	935.1	922.0	908.9
32.5°	791.8	802.9	820.7	838.4	855.2	871.9	881.6	891.4	879.4	867.4	856.8
35°	752.7	755.6	769.3	782.8	799.3	815.8	827.6	839.4	830.8	822.3	812.5
37.5°	713.5	710.1	719.9	729.6	746.1	762.5	777.1	791.6	787.7	783.7	774.8
40°	673.4	665.8	672.8	679.9	695.8	711.7	728.4	745.2	746.1	747.0	739.4
42.5°	632.9	622.8	628.5	634.3	649.3	664.4	682.5	700.6	705.4	710.3	703.9
45°	595.3	585.6	590.3	595.2	609.5	623.8	642.6	661.3	668.2	675.2	669.3
47.5°	563.1	554.9	559.4	564.0	578.0	591.9	610.4	628.9	636.9	644.9	640.8
50°	534.3	527.1	534.1	541.3	554.4	567.6	584.1	600.8	611.0	621.3	621.0
52.5°	512.3	505.1	515.8	526.3	538.4	550.5	565.9	581.4	593.6	605.7	607.9
55°	496.3	484.9	500.0	515.1	528.1	541.1	554.7	568.2	581.1	594.0	597.0
57.5°	484.0	467.4	483.6	499.9	515.2	530.4	543.9	557.3	570.2	583.2	586.3
60°	472.5	450.9	465.1	479.4	496.9	514.4	528.1	541.7	554.7	567.7	571.1
62.5°	459.3	432.3	441.5	450.5	471.0	491.5	505.9	520.5	532.4	544.4	547.6
65°	441.4	412.7	416.2	419.5	441.5	463.5	477.3	491.3	501.7	512.3	515.6
67.5°	417.1	393.2	392.1	390.9	411.2	431.5	444.7	457.9	466.9	476.0	479.2
70°	387.0	370.0	366.2	362.4	380.3	398.1	409.5	420.9	429.1	437.3	440.3
72.5°	351.3	339.6	334.0	328.5	342.6	356.6	366.8	377.1	385.1	393.2	396.9
75°	307.3	298.3	292.9	287.6	298.1	308.5	317.8	327.1	334.4	341.7	345.5
77.5°	262.3	255.1	249.7	244.4	252.9	261.3	269.3	277.3	285.0	292.6	296.2
80°	210.1	204.1	199.6	195.1	202.1	209.2	215.9	222.6	228.5	234.2	239.0
82.5°	156.0	153.1	150.0	146.7	146.2	145.5	143.2	140.8	153.2	165.7	173.8
85°	101.6	98.4	94.8	91.2	88.1	85.2	78.6	72.1	83.7	95.4	105.5
87.5°	45.0	43.8	43.0	42.3	42.2	42.1	37.2	32.2	37.0	41.9	46.0
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1010.2	1007.2	1004.0	1001.1	998.2	994.7	998.2	1001.1	1004.0	1007.2	1010.2
5°	948.7	944.8	941.0	938.0	935.0	932.0	935.0	938.0	941.0	944.8	948.7
7.5°	911.7	907.2	902.8	900.2	897.5	895.4	897.5	900.2	902.8	907.2	911.7
10°	900.6	896.4	892.1	889.8	887.5	886.6	887.5	889.8	892.1	896.4	900.6
12.5°	917.1	912.4	907.6	905.7	903.7	903.4	903.7	905.7	907.6	912.4	917.1
15°	951.3	944.7	938.2	935.6	933.1	932.9	933.1	935.6	938.2	944.7	951.3
17.5°	984.2	974.4	964.6	961.4	958.2	957.7	958.2	961.4	964.6	974.4	984.2
20°	1004.1	991.7	979.1	975.1	971.1	969.9	971.1	975.1	979.1	991.7	1004.1
22.5°	1004.8	991.7	978.5	974.1	969.6	967.8	969.6	974.1	978.5	991.7	1004.8
25°	984.5	973.0	961.7	957.6	953.4	951.0	953.4	957.6	961.7	973.0	984.5
27.5°	944.6	937.0	929.3	927.4	925.5	924.9	925.5	927.4	929.3	937.0	944.6
30°	895.5	891.6	887.6	887.6	887.6	888.3	887.6	887.6	887.6	891.6	895.5
32.5°	846.2	843.7	841.1	841.5	841.8	842.4	841.8	841.5	841.1	843.7	846.2
35°	802.8	798.9	795.0	794.2	793.3	792.8	793.3	794.2	795.0	798.9	802.8
37.5°	765.8	758.7	751.6	747.8	744.2	742.0	744.2	747.8	751.6	758.7	765.8
40°	731.8	721.5	711.2	704.3	697.4	693.2	697.4	704.3	711.2	721.5	731.8
42.5°	697.4	684.6	671.8	661.6	651.6	644.9	651.6	661.6	671.8	684.6	697.4
45°	663.6	648.9	634.3	622.4	610.5	602.9	610.5	622.4	634.3	648.9	663.6
47.5°	636.8	623.8	610.8	599.7	588.8	581.4	588.8	599.7	610.8	623.8	636.8
50°	620.8	610.4	600.0	589.8	579.6	572.6	579.6	589.8	600.0	610.4	620.8
52.5°	610.1	601.6	593.1	583.9	574.9	568.4	574.9	583.9	593.1	601.6	610.1
55°	600.0	592.6	585.2	577.2	569.2	563.3	569.2	577.2	585.2	592.6	600.0
57.5°	589.4	581.8	574.3	566.4	558.5	552.4	558.5	566.4	574.3	581.8	589.4
60°	574.5	567.1	559.9	551.8	543.6	537.3	543.6	551.8	559.9	567.1	574.5
62.5°	550.8	544.2	537.6	529.0	520.5	512.9	520.5	529.0	537.6	544.2	550.8
65°	518.9	512.5	506.1	497.8	489.5	483.1	489.5	497.8	506.1	512.5	518.9
67.5°	482.4	476.5	470.8	463.0	455.3	449.5	455.3	463.0	470.8	476.5	482.4
70°	443.4	438.7	434.0	426.5	419.1	412.5	419.1	426.5	434.0	438.7	443.4
72.5°	400.6	396.6	392.7	385.6	378.5	372.1	378.5	385.6	392.7	396.6	400.6
75°	349.4	347.5	345.5	339.7	333.7	327.5	333.7	339.7	345.5	347.5	349.4
77.5°	299.8	297.1	294.4	288.4	282.4	277.5	282.4	288.4	294.4	297.1	299.8
80°	243.8	242.6	241.5	233.5	225.4	216.1	225.4	233.5	241.5	242.6	243.8
82.5°	182.0	181.5	181.0	174.2	167.4	161.4	167.4	174.2	181.0	181.5	182.0
85°	115.6	114.8	114.0	108.6	103.3	98.0	103.3	108.6	114.0	114.8	115.6
87.5°	50.1	49.1	48.0	45.3	42.5	40.0	42.5	45.3	48.0	49.1	50.1
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1014.2	1018.2	1023.2	1028.1	1034.4	1040.9	1047.1	1053.5	1060.8	1068.0	1076.0
5°	954.3	959.8	967.7	975.6	985.8	996.0	1007.3	1018.5	1031.3	1044.1	1059.3
7.5°	918.3	924.9	934.2	943.6	956.1	968.6	982.9	997.0	1013.8	1030.6	1050.8
10°	907.9	915.3	926.5	937.7	951.8	965.9	981.2	996.4	1013.2	1030.1	1051.4
12.5°	926.6	936.0	950.3	964.6	979.2	993.7	1005.7	1017.7	1028.8	1040.0	1057.4
15°	965.7	980.0	1000.4	1020.7	1033.4	1046.0	1049.2	1052.3	1050.7	1049.3	1057.6
17.5°	1005.3	1026.5	1053.5	1080.5	1090.6	1100.8	1091.1	1081.4	1063.0	1044.7	1041.7
20°	1030.1	1056.1	1086.8	1117.7	1122.4	1127.1	1106.7	1086.3	1054.4	1022.6	1008.3
22.5°	1031.7	1058.4	1087.8	1117.2	1114.4	1111.5	1085.1	1058.5	1022.1	985.7	964.6
25°	1008.2	1032.0	1056.1	1080.2	1070.5	1060.8	1034.6	1008.6	975.8	943.2	918.8
27.5°	963.1	981.5	998.8	1015.9	1005.0	994.1	973.2	952.3	925.5	898.6	875.0
30°	908.9	922.0	935.1	948.2	939.4	930.6	913.2	895.8	873.5	851.3	832.5
32.5°	856.8	867.4	879.4	891.4	881.6	871.9	855.2	838.4	820.7	802.9	791.8
35°	812.5	822.3	830.8	839.4	827.6	815.8	799.3	782.8	769.3	755.6	752.7
37.5°	774.8	783.7	787.7	791.6	777.1	762.5	746.1	729.6	719.9	710.1	713.5
40°	739.4	747.0	746.1	745.2	728.4	711.7	695.8	679.9	672.8	665.8	673.4
42.5°	703.9	710.3	705.4	700.6	682.5	664.4	649.3	634.3	628.5	622.8	632.9
45°	669.3	675.2	668.2	661.3	642.6	623.8	609.5	595.2	590.3	585.6	595.3
47.5°	640.8	644.9	636.9	628.9	610.4	591.9	578.0	564.0	559.4	554.9	563.1
50°	621.0	621.3	611.0	600.8	584.1	567.6	554.4	541.3	534.1	527.1	534.3
52.5°	607.9	605.7	593.6	581.4	565.9	550.5	538.4	526.3	515.8	505.1	512.3
55°	597.0	594.0	581.1	568.2	554.7	541.1	528.1	515.1	500.0	484.9	496.3
57.5°	586.3	583.2	570.2	557.3	543.9	530.4	515.2	499.9	483.6	467.4	484.0
60°	571.1	567.7	554.7	541.7	528.1	514.4	496.9	479.4	465.1	450.9	472.5
62.5°	547.6	544.4	532.4	520.5	505.9	491.5	471.0	450.5	441.5	432.3	459.3
65°	515.6	512.3	501.7	491.3	477.3	463.5	441.5	419.5	416.2	412.7	441.4
67.5°	479.2	476.0	466.9	457.9	444.7	431.5	411.2	390.9	392.1	393.2	417.1
70°	440.3	437.3	429.1	420.9	409.5	398.1	380.3	362.4	366.2	370.0	387.0
72.5°	396.9	393.2	385.1	377.1	366.8	356.6	342.6	328.5	334.0	339.6	351.3
75°	345.5	341.7	334.4	327.1	317.8	308.5	298.1	287.6	292.9	298.3	307.3
77.5°	296.2	292.6	285.0	277.3	269.3	261.3	252.9	244.4	249.7	255.1	262.3
80°	239.0	234.2	228.5	222.6	215.9	209.2	202.1	195.1	199.6	204.1	210.1
82.5°	173.8	165.7	153.2	140.8	143.2	145.5	146.2	146.7	150.0	153.1	156.0
85°	105.5	95.4	83.7	72.1	78.6	85.2	88.1	91.2	94.8	98.4	101.6
87.5°	46.0	41.9	37.0	32.2	37.2	42.1	42.2	42.3	43.0	43.8	45.0
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1084.1	1094.1	1103.1	1112.3	1121.6	1131.2	1140.9	1150.5	1160.1	1169.1	1178.1
5°	1074.5	1092.0	1109.7	1128.3	1147.1	1167.1	1187.2	1207.0	1226.9	1246.9	1266.9
7.5°	1071.1	1093.7	1117.8	1143.9	1170.0	1199.7	1229.3	1259.7	1290.2	1323.1	1356.0
10°	1072.8	1097.1	1126.8	1157.7	1188.6	1224.6	1260.5	1300.7	1341.0	1382.6	1424.3
12.5°	1074.9	1097.5	1128.7	1163.7	1198.5	1241.1	1283.5	1329.1	1374.6	1420.3	1466.2
15°	1065.9	1084.0	1118.6	1159.1	1199.5	1248.3	1297.2	1346.7	1396.2	1443.9	1491.6
17.5°	1038.6	1049.7	1090.5	1139.1	1187.8	1244.5	1301.2	1355.2	1409.1	1457.6	1505.9
20°	994.0	997.0	1044.4	1104.6	1164.9	1233.7	1302.5	1361.8	1421.1	1471.4	1521.6
22.5°	943.5	937.7	991.7	1064.3	1136.8	1220.6	1304.2	1370.7	1437.2	1488.6	1540.0
25°	894.4	878.8	934.2	1019.2	1104.2	1207.4	1310.9	1386.8	1462.8	1513.1	1563.5
27.5°	851.6	832.6	882.9	978.0	1072.9	1198.7	1324.7	1412.0	1499.4	1547.4	1595.4
30°	813.8	799.0	841.2	943.4	1045.6	1194.7	1343.7	1444.7	1545.7	1592.1	1638.6
32.5°	780.7	774.2	808.2	913.7	1019.2	1189.6	1360.1	1478.8	1597.6	1643.5	1689.4
35°	749.6	752.3	780.7	884.5	988.3	1180.2	1372.2	1517.6	1663.2	1707.2	1751.2
37.5°	716.9	726.9	751.7	850.1	948.5	1163.9	1379.2	1561.2	1743.1	1799.2	1855.2
40°	681.0	696.4	718.9	809.0	899.2	1141.4	1383.7	1616.4	1849.0	1930.8	2012.5
42.5°	643.0	662.4	683.1	763.8	844.5	1118.4	1392.3	1688.7	1985.1	2103.0	2221.0
45°	605.2	623.9	644.9	715.7	786.5	1096.9	1407.3	1783.8	2160.3	2319.4	2478.4
47.5°	571.4	587.5	614.6	677.6	740.7	1079.1	1417.6	1885.1	2352.6	2576.5	2800.5
50°	541.7	560.4	596.0	652.4	708.7	1059.8	1410.9	1979.1	2547.3	2885.0	3222.6
52.5°	519.6	545.7	586.7	635.7	684.8	1027.2	1369.5	2040.2	2710.8	3209.0	3707.1
55°	507.8	547.1	585.3	623.7	662.0	973.0	1283.9	2026.7	2769.4	3496.2	4223.0
57.5°	500.7	548.6	582.3	609.4	636.5	896.7	1156.7	1932.0	2707.3	3699.7	4692.1
60°	494.0	544.0	566.2	587.5	608.8	797.6	986.2	1755.8	2525.5	3750.6	4975.7
62.5°	486.4	532.7	535.4	549.5	563.6	678.9	794.1	1517.6	2241.1	3536.5	4831.7
65°	470.0	505.3	505.0	511.7	518.3	572.2	625.9	1274.5	1923.1	3233.4	4543.5
67.5°	441.0	460.7	461.7	458.0	454.3	469.6	484.8	1036.4	1587.9	2872.7	4157.4
70°	404.1	410.5	410.5	393.3	376.0	371.6	367.3	816.0	1264.7	2479.2	3693.5
72.5°	362.8	362.8	358.6	334.2	309.7	296.4	283.3	623.8	964.4	2052.5	3140.6
75°	316.2	317.9	298.8	271.3	243.8	231.9	220.0	452.7	685.6	1563.4	2441.2
77.5°	269.5	270.3	239.0	212.3	185.6	177.4	169.3	306.8	444.2	1094.3	1744.2
80°	216.2	216.3	178.9	156.3	133.7	130.3	127.0	197.7	268.4	705.0	1141.6
82.5°	159.0	157.2	125.3	108.6	91.9	91.3	90.7	121.6	152.5	408.1	663.6
85°	104.7	102.4	78.6	66.4	54.2	54.5	54.8	65.0	75.1	183.6	292.0
87.5°	46.2	43.3	33.4	28.4	23.5	23.8	24.1	27.0	29.8	60.2	90.4
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1182.6	1187.2	1193.5	1199.9	1203.7	1207.4	1209.3	1211.1	1210.3	1211.1	1209.3
5°	1282.5	1298.2	1313.6	1329.1	1337.5	1345.9	1351.1	1356.2	1360.0	1356.2	1351.1
7.5°	1381.4	1406.7	1429.6	1452.4	1466.2	1479.9	1487.4	1494.8	1498.3	1494.8	1487.4
10°	1454.4	1484.4	1511.2	1537.9	1554.1	1570.3	1577.6	1584.8	1587.4	1584.8	1577.6
12.5°	1498.7	1531.2	1555.4	1579.5	1591.3	1603.1	1607.0	1611.0	1611.4	1611.0	1607.0
15°	1519.7	1547.7	1562.9	1578.1	1578.5	1578.9	1574.7	1570.5	1565.6	1570.5	1574.7
17.5°	1524.9	1543.9	1544.1	1544.4	1527.4	1510.3	1494.8	1479.1	1468.0	1479.1	1494.8
20°	1528.3	1534.9	1514.9	1495.0	1457.3	1419.8	1392.5	1365.1	1348.3	1365.1	1392.5
22.5°	1531.2	1522.6	1481.2	1439.9	1384.6	1329.3	1295.1	1260.9	1242.3	1260.9	1295.1
25°	1536.2	1508.8	1446.1	1383.2	1316.1	1249.0	1213.0	1177.0	1159.5	1177.0	1213.0
27.5°	1546.6	1497.7	1414.5	1331.4	1257.0	1182.5	1147.1	1111.7	1095.1	1111.7	1147.1
30°	1565.7	1492.8	1390.4	1288.0	1210.5	1133.0	1100.1	1067.3	1051.9	1067.3	1100.1
32.5°	1589.7	1489.9	1374.0	1258.2	1185.3	1112.4	1086.7	1060.9	1049.7	1060.9	1086.7
35°	1629.1	1507.1	1386.3	1265.7	1215.0	1164.4	1158.5	1152.4	1151.5	1152.4	1158.5
37.5°	1711.6	1568.0	1458.3	1348.6	1345.3	1342.0	1369.5	1397.0	1411.3	1397.0	1369.5
40°	1856.3	1700.2	1618.5	1536.9	1594.5	1652.1	1718.9	1785.8	1819.1	1785.8	1718.9
42.5°	2066.0	1911.1	1864.1	1817.1	1942.7	2068.3	2189.9	2311.5	2382.8	2311.5	2189.9
45°	2339.3	2200.1	2179.4	2158.5	2359.9	2561.1	2760.8	2960.7	3082.0	2960.7	2760.8
47.5°	2665.1	2529.7	2525.5	2521.3	2811.6	3101.9	3394.3	3686.7	3858.5	3686.7	3394.3
50°	3055.3	2888.1	2888.9	2889.6	3263.7	3637.8	4023.9	4410.0	4643.4	4410.0	4023.9
52.5°	3504.6	3302.0	3281.6	3261.0	3708.0	4154.9	4632.6	5110.2	5390.1	5110.2	4632.6
55°	4022.8	3822.7	3742.9	3663.0	4160.5	4657.9	5227.3	5796.8	6129.5	5796.8	5227.3
57.5°	4583.2	4474.1	4314.0	4153.9	4656.2	5158.4	5803.4	6448.4	6861.0	6448.4	5803.4
60°	5145.0	5314.2	5115.4	4916.5	5391.9	5867.2	6557.7	7248.3	7694.3	7248.3	6557.7
62.5°	5294.2	5756.7	5734.3	5711.8	6147.2	6582.7	7239.7	7896.7	8308.9	7896.7	7239.7
65°	4977.6	5411.7	5497.6	5583.4	6136.8	6690.1	7327.2	7964.2	8315.2	7964.2	7327.2
67.5°	4570.3	4983.0	5023.3	5063.6	5640.1	6216.6	6856.4	7496.2	7771.1	7496.2	6856.4
70°	4142.5	4591.6	4609.5	4627.6	5143.2	5658.7	6209.3	6759.9	6912.7	6759.9	6209.3
72.5°	3656.0	4171.2	4184.3	4197.1	4600.5	5003.8	5416.2	5828.6	5844.0	5828.6	5416.2
75°	2974.7	3508.0	3555.8	3603.7	3917.6	4231.4	4521.7	4812.0	4734.2	4812.0	4521.7
77.5°	2242.1	2740.0	2808.5	2877.1	3115.6	3354.2	3560.0	3766.0	3632.3	3766.0	3560.0
80°	1560.5	1979.3	2064.5	2149.6	2329.8	2509.9	2618.1	2726.1	2511.0	2726.1	2618.1
82.5°	950.0	1236.4	1331.5	1426.6	1550.6	1674.6	1719.7	1764.8	1595.8	1764.8	1719.7
85°	443.9	595.9	676.8	757.8	859.7	961.6	987.2	1012.8	877.4	1012.8	987.2
87.5°	141.4	192.5	237.7	282.8	333.8	384.8	386.9	389.1	326.7	389.1	386.9
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: P961527

CATALOG NUMBER: NAV-SB2A-827-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6	1095.6
2.5°	1207.4	1203.7	1199.9	1193.5	1187.2	1182.6	1178.1
5°	1345.9	1337.5	1329.1	1313.6	1298.2	1282.5	1266.9
7.5°	1479.9	1466.2	1452.4	1429.6	1406.7	1381.4	1356.0
10°	1570.3	1554.1	1537.9	1511.2	1484.4	1454.4	1424.3
12.5°	1603.1	1591.3	1579.5	1555.4	1531.2	1498.7	1466.2
15°	1578.9	1578.5	1578.1	1562.9	1547.7	1519.7	1491.6
17.5°	1510.3	1527.4	1544.4	1544.1	1543.9	1524.9	1505.9
20°	1419.8	1457.3	1495.0	1514.9	1534.9	1528.3	1521.6
22.5°	1329.3	1384.6	1439.9	1481.2	1522.6	1531.2	1540.0
25°	1249.0	1316.1	1383.2	1446.1	1508.8	1536.2	1563.5
27.5°	1182.5	1257.0	1331.4	1414.5	1497.7	1546.6	1595.4
30°	1133.0	1210.5	1288.0	1390.4	1492.8	1565.7	1638.6
32.5°	1112.4	1185.3	1258.2	1374.0	1489.9	1589.7	1689.4
35°	1164.4	1215.0	1265.7	1386.3	1507.1	1629.1	1751.2
37.5°	1342.0	1345.3	1348.6	1458.3	1568.0	1711.6	1855.2
40°	1652.1	1594.5	1536.9	1618.5	1700.2	1856.3	2012.5
42.5°	2068.3	1942.7	1817.1	1864.1	1911.1	2066.0	2221.0
45°	2561.1	2359.9	2158.5	2179.4	2200.1	2339.3	2478.4
47.5°	3101.9	2811.6	2521.3	2525.5	2529.7	2665.1	2800.5
50°	3637.8	3263.7	2889.6	2888.9	2888.1	3055.3	3222.6
52.5°	4154.9	3708.0	3261.0	3281.6	3302.0	3504.6	3707.1
55°	4657.9	4160.5	3663.0	3742.9	3822.7	4022.8	4223.0
57.5°	5158.4	4656.2	4153.9	4314.0	4474.1	4583.2	4692.1
60°	5867.2	5391.9	4916.5	5115.4	5314.2	5145.0	4975.7
62.5°	6582.7	6147.2	5711.8	5734.3	5756.7	5294.2	4831.7
65°	6690.1	6136.8	5583.4	5497.6	5411.7	4977.6	4543.5
67.5°	6216.6	5640.1	5063.6	5023.3	4983.0	4570.3	4157.4
70°	5658.7	5143.2	4627.6	4609.5	4591.6	4142.5	3693.5
72.5°	5003.8	4600.5	4197.1	4184.3	4171.2	3656.0	3140.6
75°	4231.4	3917.6	3603.7	3555.8	3508.0	2974.7	2441.2
77.5°	3354.2	3115.6	2877.1	2808.5	2740.0	2242.1	1744.2
80°	2509.9	2329.8	2149.6	2064.5	1979.3	1560.5	1141.6
82.5°	1674.6	1550.6	1426.6	1331.5	1236.4	950.0	663.6
85°	961.6	859.7	757.8	676.8	595.9	443.9	292.0
87.5°	384.8	333.8	282.8	237.7	192.5	141.4	90.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)