

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: P969864

Luminaire Tested: **NAV-SB6A-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P969864
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-SB6A-740-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29392.9 lumens
Efficiency: N/A
Efficacy: 172.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 170.9
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



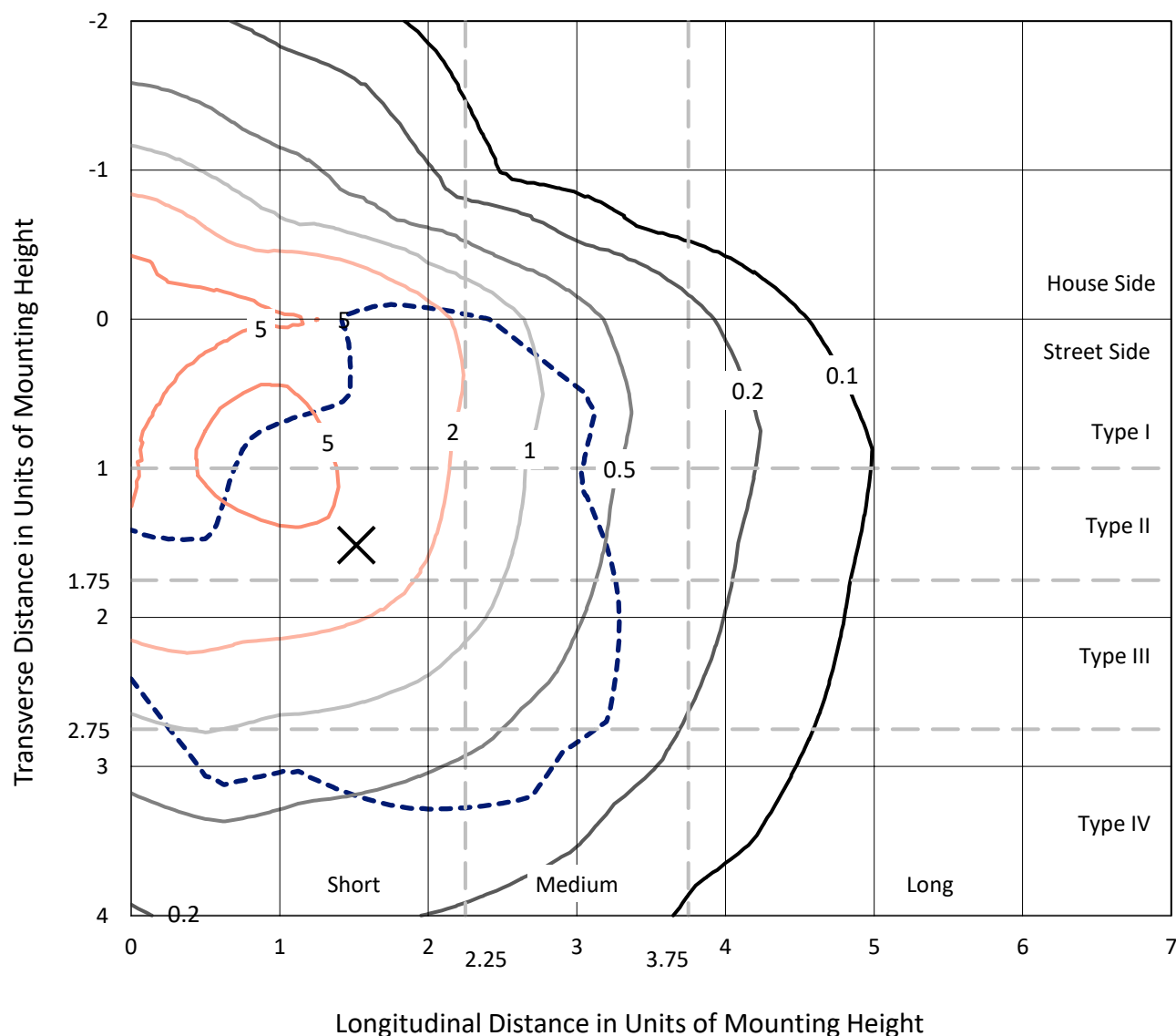
REPORT NUMBER: P969864

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

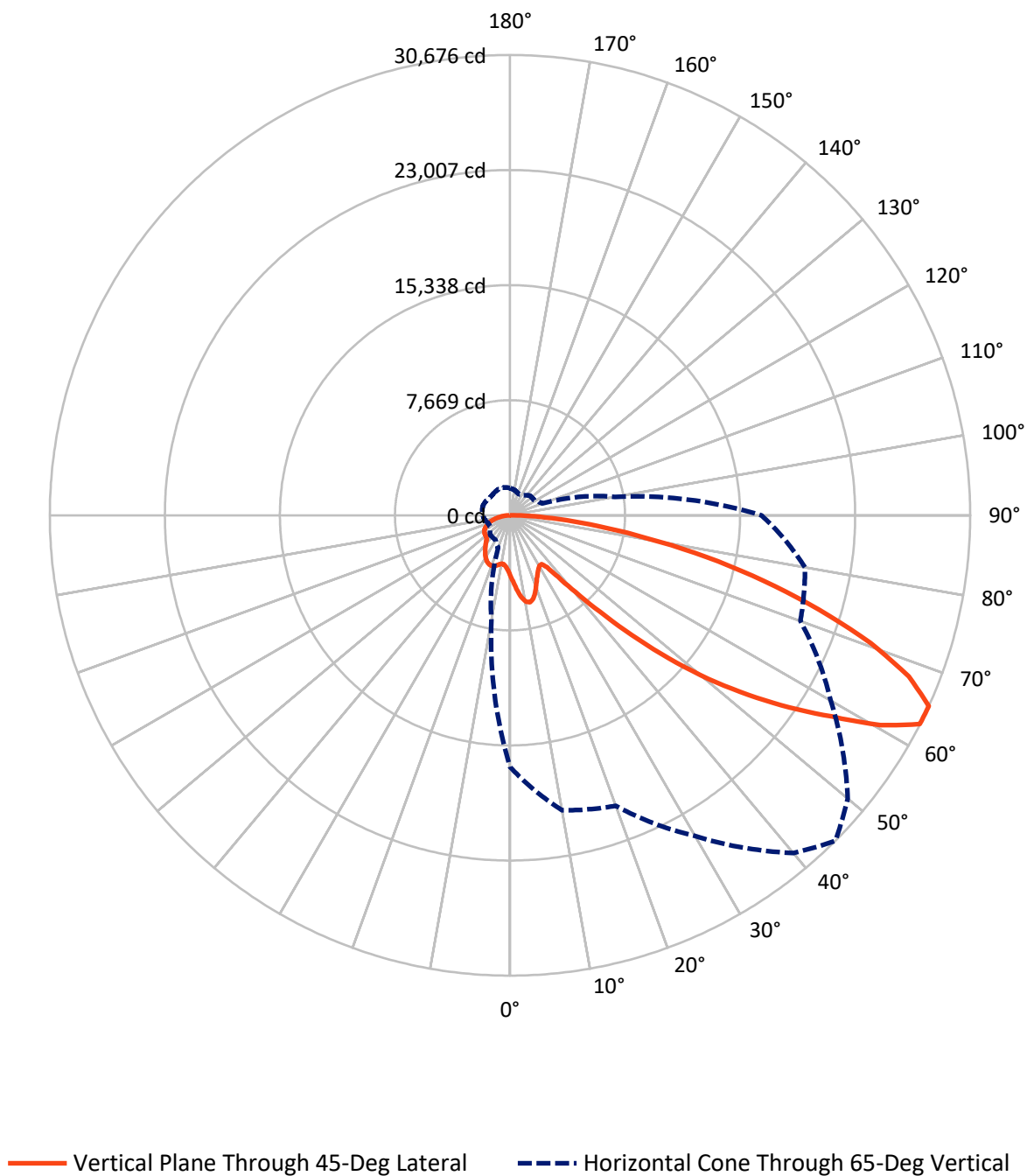


Based on 25 foot mounting height. Maximum calculated value = 8.9 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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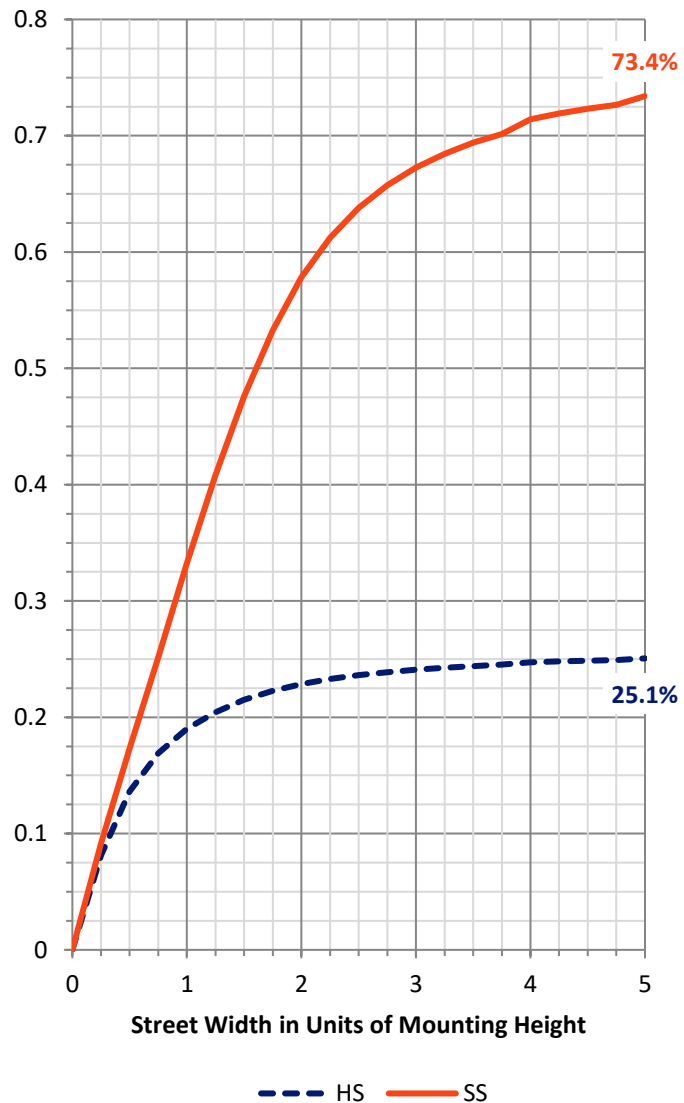
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7470.2	0.0	7470.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	21922.7	0.0	21922.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	29392.9	0.0	29392.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.9	1.4
10°-20°	1258.6	4.3
20°-30°	1944.2	6.6
30°-40°	2463.7	8.4
40°-50°	3715.9	12.6
50°-60°	6003.7	20.4
60°-70°	7484.5	25.5
70°-80°	4908.0	16.7
80°-90°	1213.4	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°	29392.9	100.0
0°-180°	29392.9	100.0

Coefficient of Utilization



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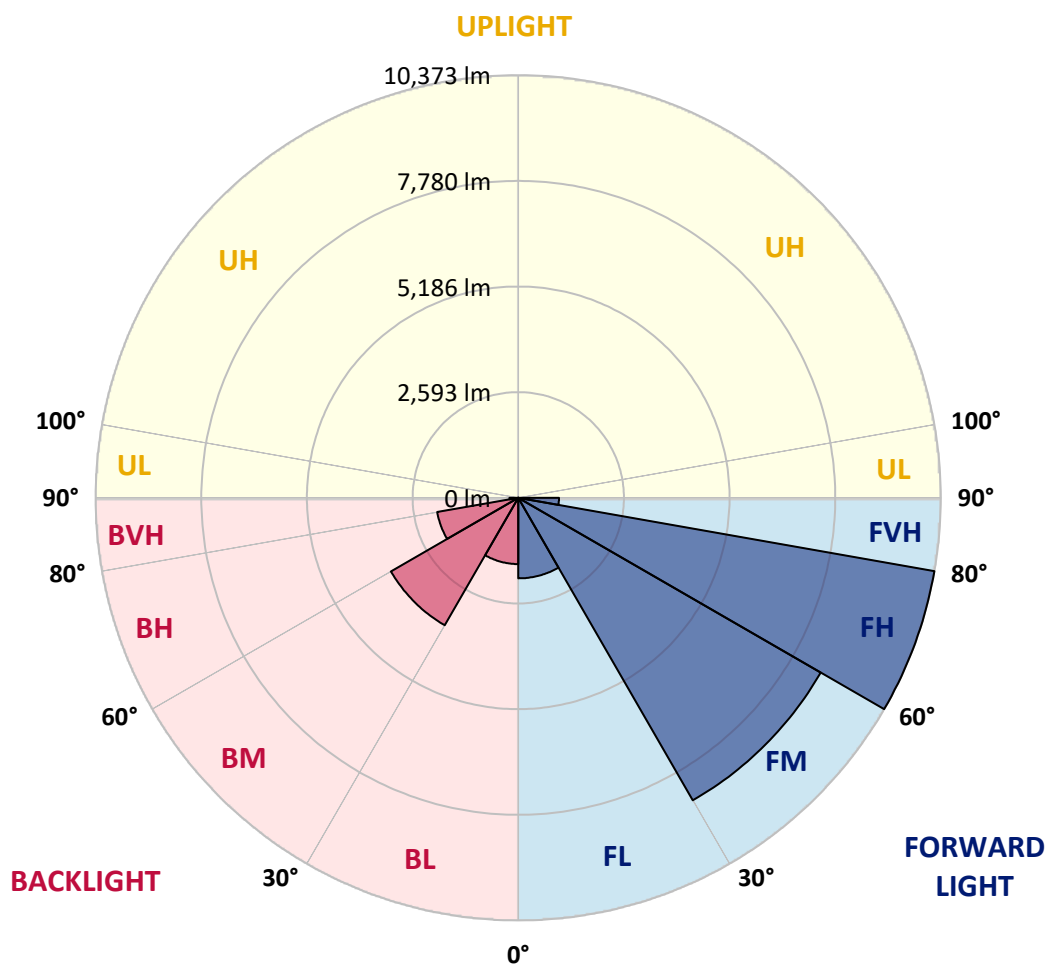
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1977.0	6.7			
FM	(30°-60°)	8573.3	29.2			
FH	(60°-80°)	10372.9	35.3			G4/12000
FVH	(80°-90°)	999.6	3.4			G5
BL	(0°-30°)	1626.7	5.5	B3/2500		
BM	(30°-60°)	3610.1	12.3	B3/5000		
BH	(60°-80°)	2019.6	6.9	B3/2500		G3/2500
BVH	(80°-90°)	213.8	0.7			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	4346.5	4363.0	4379.6	4403.0	4426.5	4440.4	4454.3	4461.3	4468.3	4465.2	4468.3
5°	4673.8	4731.3	4789.0	4846.1	4903.3	4934.3	4965.4	4984.2	5003.0	5017.4	5003.0
7.5°	5002.6	5096.3	5189.8	5274.0	5358.2	5408.9	5459.7	5487.1	5514.4	5527.6	5514.4
10°	5254.7	5365.4	5476.1	5574.9	5673.7	5733.5	5793.1	5819.7	5846.3	5856.4	5846.3
12.5°	5408.9	5529.0	5648.9	5738.3	5827.2	5870.7	5914.0	5928.7	5943.3	5944.8	5943.3
15°	5502.8	5606.3	5709.9	5765.8	5822.0	5823.5	5825.1	5809.6	5794.0	5775.8	5794.0
17.5°	5555.5	5625.4	5695.4	5696.4	5697.5	5634.6	5571.8	5514.3	5456.6	5415.9	5456.6
20°	5613.6	5638.0	5662.5	5588.8	5515.2	5376.5	5237.9	5136.9	5035.9	4973.9	5035.9
22.5°	5681.2	5649.2	5617.2	5464.6	5312.0	5108.1	4904.1	4777.8	4651.7	4583.1	4651.7
25°	5768.0	5667.1	5566.4	5334.6	5103.0	4855.2	4607.6	4474.8	4342.3	4277.5	4342.3
27.5°	5885.9	5705.7	5525.3	5218.4	4911.6	4637.0	4362.5	4231.9	4101.5	4040.2	4101.5
30°	6044.8	5776.1	5507.4	5129.6	4751.8	4465.8	4179.8	4058.7	3937.5	3880.4	3937.5
32.5°	6232.5	5864.4	5496.6	5069.1	4641.7	4372.9	4104.1	4009.1	3913.9	3872.8	3913.9
35°	6460.5	6010.1	5559.8	5114.4	4669.2	4482.4	4295.8	4273.6	4251.5	4248.0	4251.5
37.5°	6844.3	6314.5	5784.7	5379.9	4975.1	4963.0	4951.0	5052.3	5153.8	5206.6	5153.8
40°	7424.4	6848.2	6272.1	5971.0	5670.0	5882.5	6095.0	6341.6	6588.1	6711.0	6588.1
42.5°	8193.6	7622.0	7050.4	6876.9	6703.5	7166.9	7630.4	8078.9	8527.4	8790.8	8527.4
45°	9143.6	8630.1	8116.5	8040.0	7963.3	8705.8	9448.3	10185.4	10922.6	11370.0	10922.6
47.5°	10331.7	9832.1	9332.4	9316.8	9301.4	10372.5	11443.2	12522.2	13601.0	14234.6	13601.0
50°	11888.8	11271.7	10654.7	10657.3	10660.0	12040.4	13420.7	14845.0	16269.2	17130.2	16269.2
52.5°	13676.3	12929.0	12181.9	12106.4	12030.7	13679.5	15328.4	17090.5	18852.6	19884.7	18852.6
55°	15579.3	14841.1	14102.8	13808.3	13513.7	15348.9	17183.7	19284.6	21385.3	22612.8	21385.3
57.5°	17310.2	16908.2	16506.0	15915.3	15324.7	17177.6	19030.5	21409.9	23789.2	25311.6	23789.2
60°	18356.3	18980.6	19605.3	18871.7	18138.1	19891.6	21645.0	24192.7	26740.2	28385.5	26740.2
62.5°	17825.1	19531.3	21237.5	21154.8	21071.9	22678.3	24284.8	26708.6	29132.2	30653.0	29132.2
65°	16761.9	18363.3	19964.6	20281.5	20598.2	22639.6	24681.1	27031.4	29381.5	30676.2	29381.5
67.5°	15337.4	16860.4	18383.4	18532.0	18680.4	20807.4	22934.2	25294.6	27655.0	28669.4	27655.0
70°	13625.8	15282.4	16939.1	17005.6	17072.1	18974.2	20876.1	22907.4	24938.6	25502.3	24938.6
72.5°	11586.4	13487.4	15388.5	15436.3	15484.0	16972.1	18460.1	19981.6	21502.7	21559.7	21502.7
75°	9006.4	10973.9	12941.4	13118.1	13294.8	14452.5	15610.3	16681.3	17752.2	17465.3	17752.2
77.5°	6434.8	8271.5	10108.3	10361.1	10614.0	11494.1	12374.2	13133.7	13893.5	13400.2	13893.5
80°	4211.6	5756.8	7301.9	7616.1	7930.3	8595.0	9259.4	9658.4	10057.1	9263.8	10057.1
82.5°	2448.2	3504.6	4561.0	4912.0	5263.2	5720.7	6178.2	6344.6	6510.9	5887.4	6510.9
85°	1077.2	1637.8	2198.5	2497.0	2795.6	3171.6	3547.3	3641.8	3736.2	3236.8	3736.2
87.5°	333.4	521.9	710.3	876.9	1043.4	1231.4	1419.4	1427.5	1435.4	1205.1	1435.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	4461.3	4454.3	4440.4	4426.5	4403.0	4379.6	4363.0	4346.5	4313.2	4279.9	4244.3
5°	4984.2	4965.4	4934.3	4903.3	4846.1	4789.0	4731.3	4673.8	4600.1	4526.4	4452.9
7.5°	5487.1	5459.7	5408.9	5358.2	5274.0	5189.8	5096.3	5002.6	4880.9	4759.6	4647.2
10°	5819.7	5793.1	5733.5	5673.7	5574.9	5476.1	5365.4	5254.7	5100.9	4947.3	4798.8
12.5°	5928.7	5914.0	5870.7	5827.2	5738.3	5648.9	5529.0	5408.9	5240.0	5071.3	4903.2
15°	5809.6	5825.1	5823.5	5822.0	5765.8	5709.9	5606.3	5502.8	5326.7	5150.7	4968.3
17.5°	5514.3	5571.8	5634.6	5697.5	5696.4	5695.4	5625.4	5555.5	5376.9	5198.5	4999.5
20°	5136.9	5237.9	5376.5	5515.2	5588.8	5662.5	5638.0	5613.6	5428.2	5242.6	5023.8
22.5°	4777.8	4904.1	5108.1	5312.0	5464.6	5617.2	5649.2	5681.2	5491.6	5301.9	5056.7
25°	4474.8	4607.6	4855.2	5103.0	5334.6	5566.4	5667.1	5768.0	5582.2	5396.5	5116.3
27.5°	4231.9	4362.5	4637.0	4911.6	5218.4	5525.3	5705.7	5885.9	5708.7	5531.5	5209.4
30°	4058.7	4179.8	4465.8	4751.8	5129.6	5507.4	5776.1	6044.8	5873.6	5702.5	5329.8
32.5°	4009.1	4104.1	4372.9	4641.7	5069.1	5496.6	5864.4	6232.5	6063.0	5893.6	5455.7
35°	4273.6	4295.8	4482.4	4669.2	5114.4	5559.8	6010.1	6460.5	6298.2	6135.9	5599.0
37.5°	5052.3	4951.0	4963.0	4975.1	5379.9	5784.7	6314.5	6844.3	6637.5	6430.5	5759.5
40°	6341.6	6095.0	5882.5	5670.0	5971.0	6272.1	6848.2	7424.4	7122.9	6821.4	5963.2
42.5°	8078.9	7630.4	7166.9	6703.5	6876.9	7050.4	7622.0	8193.6	7758.4	7323.3	6229.8
45°	10185.4	9448.3	8705.8	7963.3	8040.0	8116.5	8630.1	9143.6	8556.6	7969.6	6580.7
47.5°	12522.2	11443.2	10372.5	9301.4	9316.8	9332.4	9832.1	10331.7	9505.4	8679.1	6954.4
50°	14845.0	13420.7	12040.4	10660.0	10657.3	10654.7	11271.7	11888.8	10643.3	9397.5	7301.3
52.5°	17090.5	15328.4	13679.5	12030.7	12106.4	12181.9	12929.0	13676.3	11838.4	10000.5	7526.5
55°	19284.6	17183.7	15348.9	13513.7	13808.3	14102.8	14841.1	15579.3	12898.0	10216.9	7476.9
57.5°	21409.9	19030.5	17177.6	15324.7	15915.3	16506.0	16908.2	17310.2	13649.0	9987.8	7127.5
60°	24192.7	21645.0	19891.6	18138.1	18871.7	19605.3	18980.6	18356.3	13836.7	9316.8	6477.6
62.5°	26708.6	24284.8	22678.3	21071.9	21154.8	21237.5	19531.3	17825.1	13046.4	8267.9	5598.7
65°	27031.4	24681.1	22639.6	20598.2	20281.5	19964.6	18363.3	16761.9	11928.3	7094.8	4701.9
67.5°	25294.6	22934.2	20807.4	18680.4	18532.0	18383.4	16860.4	15337.4	10597.8	5858.3	3823.4
70°	22907.4	20876.1	18974.2	17072.1	17005.6	16939.1	15282.4	13625.8	9146.0	4666.0	3010.4
72.5°	19981.6	18460.1	16972.1	15484.0	15436.3	15388.5	13487.4	11586.4	7572.1	3557.9	2301.4
75°	16681.3	15610.3	14452.5	13294.8	13118.1	12941.4	10973.9	9006.4	5767.9	2529.3	1670.3
77.5°	13133.7	12374.2	11494.1	10614.0	10361.1	10108.3	8271.5	6434.8	4037.0	1639.1	1131.9
80°	9658.4	9259.4	8595.0	7930.3	7616.1	7301.9	5756.8	4211.6	2600.9	990.3	729.3
82.5°	6344.6	6178.2	5720.7	5263.2	4912.0	4561.0	3504.6	2448.2	1505.3	562.7	448.5
85°	3641.8	3547.3	3171.6	2795.6	2497.0	2198.5	1637.8	1077.2	677.1	277.3	239.7
87.5°	1427.5	1419.4	1231.4	1043.4	876.9	710.3	521.9	333.4	221.8	110.1	99.4
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°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	4209.0	4173.3	4137.6	4103.5	4069.4	4036.3	3999.6	3969.8	3940.2	3913.3	3886.7
5°	4379.6	4305.6	4231.8	4162.7	4093.7	4028.6	3964.2	3908.1	3851.7	3804.6	3757.6
7.5°	4535.0	4425.6	4316.3	4220.0	4123.7	4034.8	3951.5	3876.8	3802.1	3740.1	3678.1
10°	4650.5	4517.8	4384.8	4271.0	4156.9	4047.2	3957.7	3878.9	3800.2	3738.1	3676.1
12.5°	4735.1	4578.4	4421.7	4292.9	4164.0	4048.7	3965.5	3900.9	3836.8	3795.5	3754.6
15°	4785.9	4605.5	4425.1	4276.0	4126.8	3999.1	3932.4	3901.6	3870.9	3876.4	3882.0
17.5°	4800.5	4591.1	4381.8	4202.3	4022.8	3872.8	3831.7	3842.9	3854.1	3921.8	3989.4
20°	4805.2	4551.4	4297.7	4075.3	3852.9	3678.1	3667.2	3719.9	3772.7	3890.1	4007.6
22.5°	4811.3	4502.7	4194.1	3926.3	3658.4	3459.4	3480.6	3558.7	3636.7	3770.7	3904.9
25°	4835.8	4454.6	4073.6	3759.8	3446.3	3242.3	3299.7	3389.6	3479.6	3600.1	3720.7
27.5°	4887.0	4422.6	3958.0	3607.7	3257.3	3071.6	3141.4	3228.3	3315.2	3414.3	3513.2
30°	4957.1	4407.5	3857.5	3480.5	3103.5	2947.6	3002.3	3071.2	3140.4	3222.6	3304.8
32.5°	5017.7	4388.8	3759.8	3370.8	2981.7	2856.1	2880.5	2921.2	2962.0	3027.6	3093.3
35°	5062.0	4353.8	3645.9	3263.1	2880.1	2775.4	2765.3	2776.5	2787.8	2837.9	2887.8
37.5°	5088.4	4293.8	3499.2	3136.2	2773.1	2681.6	2644.7	2632.3	2619.9	2655.9	2691.6
40°	5104.9	4211.1	3317.5	2984.8	2652.1	2569.2	2512.6	2484.5	2456.4	2482.3	2508.2
42.5°	5136.5	4125.8	3115.6	2817.7	2520.0	2443.5	2372.2	2335.0	2297.7	2318.9	2340.1
45°	5191.8	4046.6	2901.5	2640.3	2379.1	2301.6	2232.6	2196.3	2160.2	2177.8	2195.9
47.5°	5229.8	3981.1	2732.4	2500.0	2267.5	2167.5	2108.0	2077.7	2047.2	2064.0	2080.6
50°	5205.0	3909.8	2614.6	2406.8	2198.9	2067.4	1998.4	1971.4	1944.6	1970.7	1996.8
52.5°	5052.2	3789.3	2526.5	2345.3	2164.4	2013.1	1916.6	1890.0	1863.4	1902.7	1941.8
55°	4736.6	3589.6	2442.5	2300.8	2159.3	2018.5	1873.2	1831.1	1789.0	1844.7	1900.2
57.5°	4267.5	3307.9	2348.2	2248.1	2148.1	2024.0	1847.2	1785.8	1724.4	1784.2	1844.1
60°	3638.2	2942.2	2246.1	2167.5	2088.8	2007.0	1822.7	1743.1	1663.4	1716.0	1768.4
62.5°	2929.4	2504.5	2079.5	2027.2	1975.2	1965.0	1794.2	1694.5	1595.1	1628.5	1661.8
65°	2309.0	2110.7	1912.3	1887.6	1863.0	1864.3	1734.0	1628.2	1522.2	1535.1	1547.9
67.5°	1788.5	1732.2	1675.8	1689.6	1703.2	1699.9	1626.7	1538.5	1450.5	1446.4	1442.4
70°	1354.7	1370.8	1386.8	1450.8	1514.5	1514.5	1490.5	1427.8	1365.2	1351.2	1337.2
72.5°	1045.0	1093.6	1142.3	1232.9	1323.3	1338.4	1338.8	1295.8	1252.9	1232.4	1212.1
75°	811.5	855.5	899.5	1001.0	1102.4	1172.5	1166.7	1133.5	1100.4	1080.9	1061.2
77.5°	624.7	654.7	684.7	783.2	881.7	997.2	994.1	967.6	941.2	921.3	901.4
80°	468.4	480.8	493.2	576.7	659.9	798.0	797.4	775.3	753.0	736.4	719.7
82.5°	334.7	336.9	339.4	400.8	462.2	580.0	586.6	575.7	564.9	553.1	541.3
85°	202.4	201.3	200.1	245.1	290.1	377.6	386.2	374.5	363.0	349.7	336.5
87.5°	88.8	87.6	86.5	104.9	123.3	159.8	170.6	165.9	161.3	158.8	156.3
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: P969864

CATALOG NUMBER: NAV-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	3863.2	3839.9	3816.3	3792.8	3774.7	3756.4	3741.7	3726.9	3715.4	3703.9	3693.4
5°	3716.0	3674.5	3636.8	3599.0	3570.0	3540.9	3520.5	3500.2	3485.7	3471.4	3460.3
7.5°	3625.8	3573.4	3527.1	3481.1	3446.6	3412.1	3387.9	3363.7	3347.1	3330.6	3320.7
10°	3619.8	3563.3	3511.3	3459.4	3418.2	3376.8	3349.7	3322.4	3306.8	3291.1	3282.8
12.5°	3710.2	3666.1	3612.3	3558.7	3505.9	3453.2	3418.3	3383.4	3365.9	3348.5	3341.4
15°	3870.5	3859.1	3812.4	3765.7	3690.6	3615.6	3562.5	3509.5	3485.1	3460.9	3451.7
17.5°	4025.4	4061.2	4023.4	3985.9	3886.5	3787.1	3709.0	3630.8	3594.8	3558.7	3546.9
20°	4082.9	4158.1	4140.7	4123.2	4009.5	3896.0	3800.2	3704.5	3658.4	3612.2	3597.4
22.5°	4002.8	4100.7	4111.3	4121.6	4013.1	3904.5	3805.9	3707.1	3658.5	3609.8	3593.5
25°	3817.0	3913.3	3949.3	3985.2	3896.1	3807.3	3719.5	3632.0	3589.9	3547.8	3532.5
27.5°	3590.5	3667.7	3707.7	3747.9	3684.5	3621.1	3553.1	3485.0	3456.7	3428.4	3421.3
30°	3368.9	3433.0	3465.6	3498.1	3449.9	3401.6	3352.9	3303.9	3289.4	3274.9	3274.9
32.5°	3154.7	3216.3	3252.5	3288.8	3244.4	3199.9	3161.0	3122.0	3112.6	3103.2	3104.4
35°	2948.6	3009.6	3053.1	3096.4	3064.9	3033.4	2997.4	2961.5	2947.1	2932.8	2929.8
37.5°	2752.3	2813.1	2866.8	2920.4	2905.9	2891.3	2858.2	2825.1	2798.9	2772.8	2759.0
40°	2566.8	2625.4	2687.1	2749.0	2752.6	2756.0	2727.9	2699.8	2661.7	2623.9	2598.2
42.5°	2395.6	2451.3	2518.0	2584.6	2602.5	2620.3	2596.6	2573.1	2525.7	2478.4	2441.0
45°	2248.5	2301.3	2370.5	2439.6	2465.2	2490.9	2469.4	2448.2	2394.1	2340.1	2296.2
47.5°	2132.2	2183.8	2252.0	2320.2	2349.7	2379.1	2364.3	2349.4	2301.3	2253.3	2212.6
50°	2045.6	2094.1	2155.2	2216.4	2254.2	2292.0	2291.1	2290.5	2252.0	2213.5	2176.0
52.5°	1986.4	2030.9	2087.9	2144.9	2189.8	2234.6	2242.7	2250.7	2219.4	2188.1	2154.4
55°	1948.3	1996.4	2046.3	2096.1	2143.6	2191.1	2202.3	2213.5	2186.2	2159.0	2129.4
57.5°	1900.6	1957.0	2006.3	2055.7	2103.7	2151.5	2162.8	2174.1	2146.6	2118.9	2089.8
60°	1833.2	1898.1	1948.1	1998.4	2046.5	2094.6	2107.0	2119.4	2092.4	2065.6	2035.4
62.5°	1737.4	1813.0	1866.5	1920.0	1964.1	2008.2	2020.1	2032.1	2007.7	1983.4	1951.7
65°	1628.8	1709.9	1761.2	1812.3	1851.0	1889.8	1902.1	1914.2	1890.7	1867.3	1836.6
67.5°	1517.1	1592.0	1640.6	1689.0	1722.5	1756.0	1767.9	1779.7	1758.2	1736.8	1708.3
70°	1403.0	1468.7	1510.6	1552.5	1582.7	1612.9	1624.4	1635.9	1618.4	1600.8	1573.6
72.5°	1263.8	1315.5	1353.4	1391.2	1420.9	1450.5	1464.1	1477.7	1463.2	1448.6	1422.5
75°	1099.6	1138.1	1172.4	1206.6	1233.6	1260.6	1274.9	1289.1	1282.0	1274.9	1253.1
77.5°	932.7	963.9	993.4	1022.8	1051.2	1079.4	1092.8	1106.2	1096.2	1086.0	1063.9
80°	745.7	771.6	796.4	821.2	842.8	864.2	881.9	899.5	895.2	891.0	861.4
82.5°	539.2	536.9	528.3	519.6	565.5	611.4	641.4	671.6	669.7	667.7	642.7
85°	325.4	314.1	290.1	266.0	308.9	352.1	389.3	426.5	423.4	420.4	400.8
87.5°	155.9	155.4	137.1	118.7	136.6	154.8	169.8	184.9	181.1	177.1	167.2
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: P969864

CATALOG NUMBER: NAV-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	3682.7	3669.5	3682.7	3693.4	3703.9	3715.4	3726.9	3741.7	3756.4	3774.7	3792.8
5°	3449.3	3438.5	3449.3	3460.3	3471.4	3485.7	3500.2	3520.5	3540.9	3570.0	3599.0
7.5°	3311.0	3303.6	3311.0	3320.7	3330.6	3347.1	3363.7	3387.9	3412.1	3446.6	3481.1
10°	3274.4	3271.0	3274.4	3282.8	3291.1	3306.8	3322.4	3349.7	3376.8	3418.2	3459.4
12.5°	3334.2	3333.0	3334.2	3341.4	3348.5	3365.9	3383.4	3418.3	3453.2	3505.9	3558.7
15°	3442.4	3441.5	3442.4	3451.7	3460.9	3485.1	3509.5	3562.5	3615.6	3690.6	3765.7
17.5°	3534.9	3533.1	3534.9	3546.9	3558.7	3594.8	3630.8	3709.0	3787.1	3886.5	3985.9
20°	3582.7	3578.1	3582.7	3597.4	3612.2	3658.4	3704.5	3800.2	3896.0	4009.5	4123.2
22.5°	3577.2	3570.3	3577.2	3593.5	3609.8	3658.5	3707.1	3805.9	3904.5	4013.1	4121.6
25°	3517.3	3508.3	3517.3	3532.5	3547.8	3589.9	3632.0	3719.5	3807.3	3896.1	3985.2
27.5°	3414.4	3412.1	3414.4	3421.3	3428.4	3456.7	3485.0	3553.1	3621.1	3684.5	3747.9
30°	3274.9	3277.1	3274.9	3274.9	3274.9	3289.4	3303.9	3352.9	3401.6	3449.9	3498.1
32.5°	3105.7	3108.1	3105.7	3104.4	3103.2	3112.6	3122.0	3161.0	3199.9	3244.4	3288.8
35°	2926.7	2925.0	2926.7	2929.8	2932.8	2947.1	2961.5	2997.4	3033.4	3064.9	3096.4
37.5°	2745.2	2737.5	2745.2	2759.0	2772.8	2798.9	2825.1	2858.2	2891.3	2905.9	2920.4
40°	2572.8	2557.5	2572.8	2598.2	2623.9	2661.7	2699.8	2727.9	2756.0	2752.6	2749.0
42.5°	2403.6	2379.1	2403.6	2441.0	2478.4	2525.7	2573.1	2596.6	2620.3	2602.5	2584.6
45°	2252.3	2224.0	2252.3	2296.2	2340.1	2394.1	2448.2	2469.4	2490.9	2465.2	2439.6
47.5°	2172.1	2144.9	2172.1	2212.6	2253.3	2301.3	2349.4	2364.3	2379.1	2349.7	2320.2
50°	2138.5	2112.4	2138.5	2176.0	2213.5	2252.0	2290.5	2291.1	2292.0	2254.2	2216.4
52.5°	2120.9	2096.8	2120.9	2154.4	2188.1	2219.4	2250.7	2242.7	2234.6	2189.8	2144.9
55°	2100.0	2078.3	2100.0	2129.4	2159.0	2186.2	2213.5	2202.3	2191.1	2143.6	2096.1
57.5°	2060.5	2037.9	2060.5	2089.8	2118.9	2146.6	2174.1	2162.8	2151.5	2103.7	2055.7
60°	2005.4	1982.1	2005.4	2035.4	2065.6	2092.4	2119.4	2107.0	2094.6	2046.5	1998.4
62.5°	1920.0	1892.2	1920.0	1951.7	1983.4	2007.7	2032.1	2020.1	2008.2	1964.1	1920.0
65°	1806.0	1782.1	1806.0	1836.6	1867.3	1890.7	1914.2	1902.1	1889.8	1851.0	1812.3
67.5°	1679.7	1657.9	1679.7	1708.3	1736.8	1758.2	1779.7	1767.9	1756.0	1722.5	1689.0
70°	1546.3	1521.5	1546.3	1573.6	1600.8	1618.4	1635.9	1624.4	1612.9	1582.7	1552.5
72.5°	1396.7	1372.6	1396.7	1422.5	1448.6	1463.2	1477.7	1464.1	1450.5	1420.9	1391.2
75°	1231.1	1208.2	1231.1	1253.1	1274.9	1282.0	1289.1	1274.9	1260.6	1233.6	1206.6
77.5°	1041.9	1023.7	1041.9	1063.9	1086.0	1096.2	1106.2	1092.8	1079.4	1051.2	1022.8
80°	831.6	797.1	831.6	861.4	891.0	895.2	899.5	881.9	864.2	842.8	821.2
82.5°	617.6	595.5	617.6	642.7	667.7	669.7	671.6	641.4	611.4	565.5	519.6
85°	381.2	361.4	381.2	400.8	420.4	423.4	426.5	389.3	352.1	308.9	266.0
87.5°	156.9	147.3	156.9	167.2	177.1	181.1	184.9	169.8	154.8	136.6	118.7
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: P969864

CATALOG NUMBER: NAV-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	3816.3	3839.9	3863.2	3886.7	3913.3	3940.2	3969.8	3999.6	4036.3	4069.4	4103.5
5°	3636.8	3674.5	3716.0	3757.6	3804.6	3851.7	3908.1	3964.2	4028.6	4093.7	4162.7
7.5°	3527.1	3573.4	3625.8	3678.1	3740.1	3802.1	3876.8	3951.5	4034.8	4123.7	4220.0
10°	3511.3	3563.3	3619.8	3676.1	3738.1	3800.2	3878.9	3957.7	4047.2	4156.9	4271.0
12.5°	3612.3	3666.1	3710.2	3754.6	3795.5	3836.8	3900.9	3965.5	4048.7	4164.0	4292.9
15°	3812.4	3859.1	3870.5	3882.0	3876.4	3870.9	3901.6	3932.4	3999.1	4126.8	4276.0
17.5°	4023.4	4061.2	4025.4	3989.4	3921.8	3854.1	3842.9	3831.7	3872.8	4022.8	4202.3
20°	4140.7	4158.1	4082.9	4007.6	3890.1	3772.7	3719.9	3667.2	3678.1	3852.9	4075.3
22.5°	4111.3	4100.7	4002.8	3904.9	3770.7	3636.7	3558.7	3480.6	3459.4	3658.4	3926.3
25°	3949.3	3913.3	3817.0	3720.7	3600.1	3479.6	3389.6	3299.7	3242.3	3446.3	3759.8
27.5°	3707.7	3667.7	3590.5	3513.2	3414.3	3315.2	3228.3	3141.4	3071.6	3257.3	3607.7
30°	3465.6	3433.0	3368.9	3304.8	3222.6	3140.4	3071.2	3002.3	2947.6	3103.5	3480.5
32.5°	3252.5	3216.3	3154.7	3093.3	3027.6	2962.0	2921.2	2880.5	2856.1	2981.7	3370.8
35°	3053.1	3009.6	2948.6	2887.8	2837.9	2787.8	2776.5	2765.3	2775.4	2880.1	3263.1
37.5°	2866.8	2813.1	2752.3	2691.6	2655.9	2619.9	2632.3	2644.7	2681.6	2773.1	3136.2
40°	2687.1	2625.4	2566.8	2508.2	2482.3	2456.4	2484.5	2512.6	2569.2	2652.1	2984.8
42.5°	2518.0	2451.3	2395.6	2340.1	2318.9	2297.7	2335.0	2372.2	2443.5	2520.0	2817.7
45°	2370.5	2301.3	2248.5	2195.9	2177.8	2160.2	2196.3	2232.6	2301.6	2379.1	2640.3
47.5°	2252.0	2183.8	2132.2	2080.6	2064.0	2047.2	2077.7	2108.0	2167.5	2267.5	2500.0
50°	2155.2	2094.1	2045.6	1996.8	1970.7	1944.6	1971.4	1998.4	2067.4	2198.9	2406.8
52.5°	2087.9	2030.9	1986.4	1941.8	1902.7	1863.4	1890.0	1916.6	2013.1	2164.4	2345.3
55°	2046.3	1996.4	1948.3	1900.2	1844.7	1789.0	1831.1	1873.2	2018.5	2159.3	2300.8
57.5°	2006.3	1957.0	1900.6	1844.1	1784.2	1724.4	1785.8	1847.2	2024.0	2148.1	2248.1
60°	1948.1	1898.1	1833.2	1768.4	1716.0	1663.4	1743.1	1822.7	2007.0	2088.8	2167.5
62.5°	1866.5	1813.0	1737.4	1661.8	1628.5	1595.1	1694.5	1794.2	1965.0	1975.2	2027.2
65°	1761.2	1709.9	1628.8	1547.9	1535.1	1522.2	1628.2	1734.0	1864.3	1863.0	1887.6
67.5°	1640.6	1592.0	1517.1	1442.4	1446.4	1450.5	1538.5	1626.7	1699.9	1703.2	1689.6
70°	1510.6	1468.7	1403.0	1337.2	1351.2	1365.2	1427.8	1490.5	1514.5	1514.5	1450.8
72.5°	1353.4	1315.5	1263.8	1212.1	1232.4	1252.9	1295.8	1338.8	1338.4	1323.3	1232.9
75°	1172.4	1138.1	1099.6	1061.2	1080.9	1100.4	1133.5	1166.7	1172.5	1102.4	1001.0
77.5°	993.4	963.9	932.7	901.4	921.3	941.2	967.6	994.1	997.2	881.7	783.2
80°	796.4	771.6	745.7	719.7	736.4	753.0	775.3	797.4	798.0	659.9	576.7
82.5°	528.3	536.9	539.2	541.3	553.1	564.9	575.7	586.6	580.0	462.2	400.8
85°	290.1	314.1	325.4	336.5	349.7	363.0	374.5	386.2	377.6	290.1	245.1
87.5°	137.1	155.4	155.9	156.3	158.8	161.3	165.9	170.6	159.8	123.3	104.9
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: P969864

CATALOG NUMBER: NAV-SB6A-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8	4041.8
2.5°	4137.6	4173.3	4209.0	4244.3	4279.9	4313.2	4346.5
5°	4231.8	4305.6	4379.6	4452.9	4526.4	4600.1	4673.8
7.5°	4316.3	4425.6	4535.0	4647.2	4759.6	4880.9	5002.6
10°	4384.8	4517.8	4650.5	4798.8	4947.3	5100.9	5254.7
12.5°	4421.7	4578.4	4735.1	4903.2	5071.3	5240.0	5408.9
15°	4425.1	4605.5	4785.9	4968.3	5150.7	5326.7	5502.8
17.5°	4381.8	4591.1	4800.5	4999.5	5198.5	5376.9	5555.5
20°	4297.7	4551.4	4805.2	5023.8	5242.6	5428.2	5613.6
22.5°	4194.1	4502.7	4811.3	5056.7	5301.9	5491.6	5681.2
25°	4073.6	4454.6	4835.8	5116.3	5396.5	5582.2	5768.0
27.5°	3958.0	4422.6	4887.0	5209.4	5531.5	5708.7	5885.9
30°	3857.5	4407.5	4957.1	5329.8	5702.5	5873.6	6044.8
32.5°	3759.8	4388.8	5017.7	5455.7	5893.6	6063.0	6232.5
35°	3645.9	4353.8	5062.0	5599.0	6135.9	6298.2	6460.5
37.5°	3499.2	4293.8	5088.4	5759.5	6430.5	6637.5	6844.3
40°	3317.5	4211.1	5104.9	5963.2	6821.4	7122.9	7424.4
42.5°	3115.6	4125.8	5136.5	6229.8	7323.3	7758.4	8193.6
45°	2901.5	4046.6	5191.8	6580.7	7969.6	8556.6	9143.6
47.5°	2732.4	3981.1	5229.8	6954.4	8679.1	9505.4	10331.7
50°	2614.6	3909.8	5205.0	7301.3	9397.5	10643.3	11888.8
52.5°	2526.5	3789.3	5052.2	7526.5	10000.5	11838.4	13676.3
55°	2442.5	3589.6	4736.6	7476.9	10216.9	12898.0	15579.3
57.5°	2348.2	3307.9	4267.5	7127.5	9987.8	13649.0	17310.2
60°	2246.1	2942.2	3638.2	6477.6	9316.8	13836.7	18356.3
62.5°	2079.5	2504.5	2929.4	5598.7	8267.9	13046.4	17825.1
65°	1912.3	2110.7	2309.0	4701.9	7094.8	11928.3	16761.9
67.5°	1675.8	1732.2	1788.5	3823.4	5858.3	10597.8	15337.4
70°	1386.8	1370.8	1354.7	3010.4	4666.0	9146.0	13625.8
72.5°	1142.3	1093.6	1045.0	2301.4	3557.9	7572.1	11586.4
75°	899.5	855.5	811.5	1670.3	2529.3	5767.9	9006.4
77.5°	684.7	654.7	624.7	1131.9	1639.1	4037.0	6434.8
80°	493.2	480.8	468.4	729.3	990.3	2600.9	4211.6
82.5°	339.4	336.9	334.7	448.5	562.7	1505.3	2448.2
85°	200.1	201.3	202.4	239.7	277.3	677.1	1077.2
87.5°	86.5	87.6	88.8	99.4	110.1	221.8	333.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)