

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: P964594

Luminaire Tested: **NAV-SB3C-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P964594
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-SB3C-740-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24279.2 lumens
Efficiency: N/A
Efficacy: 162.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

Input Watts (W): 149.1
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

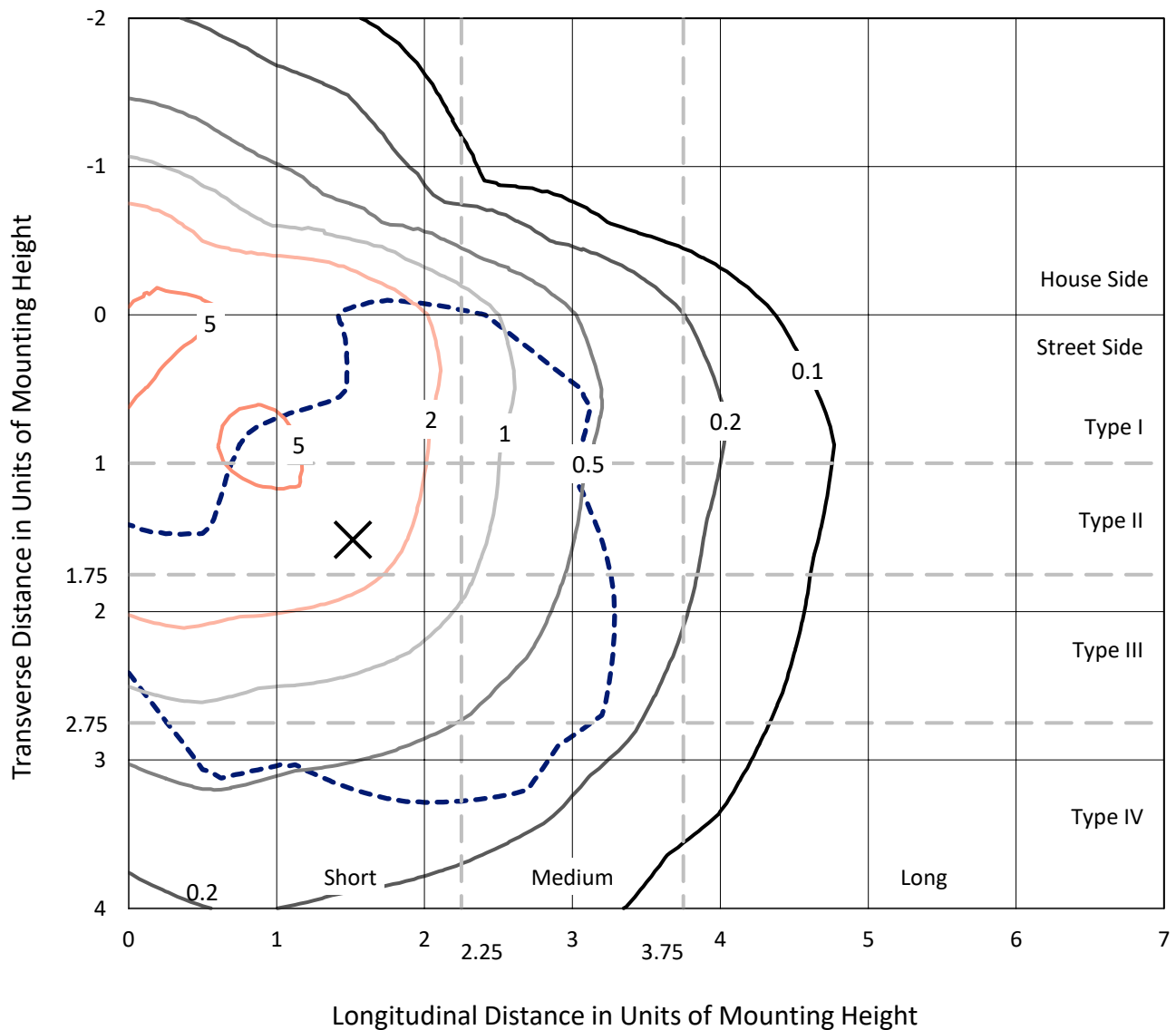


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

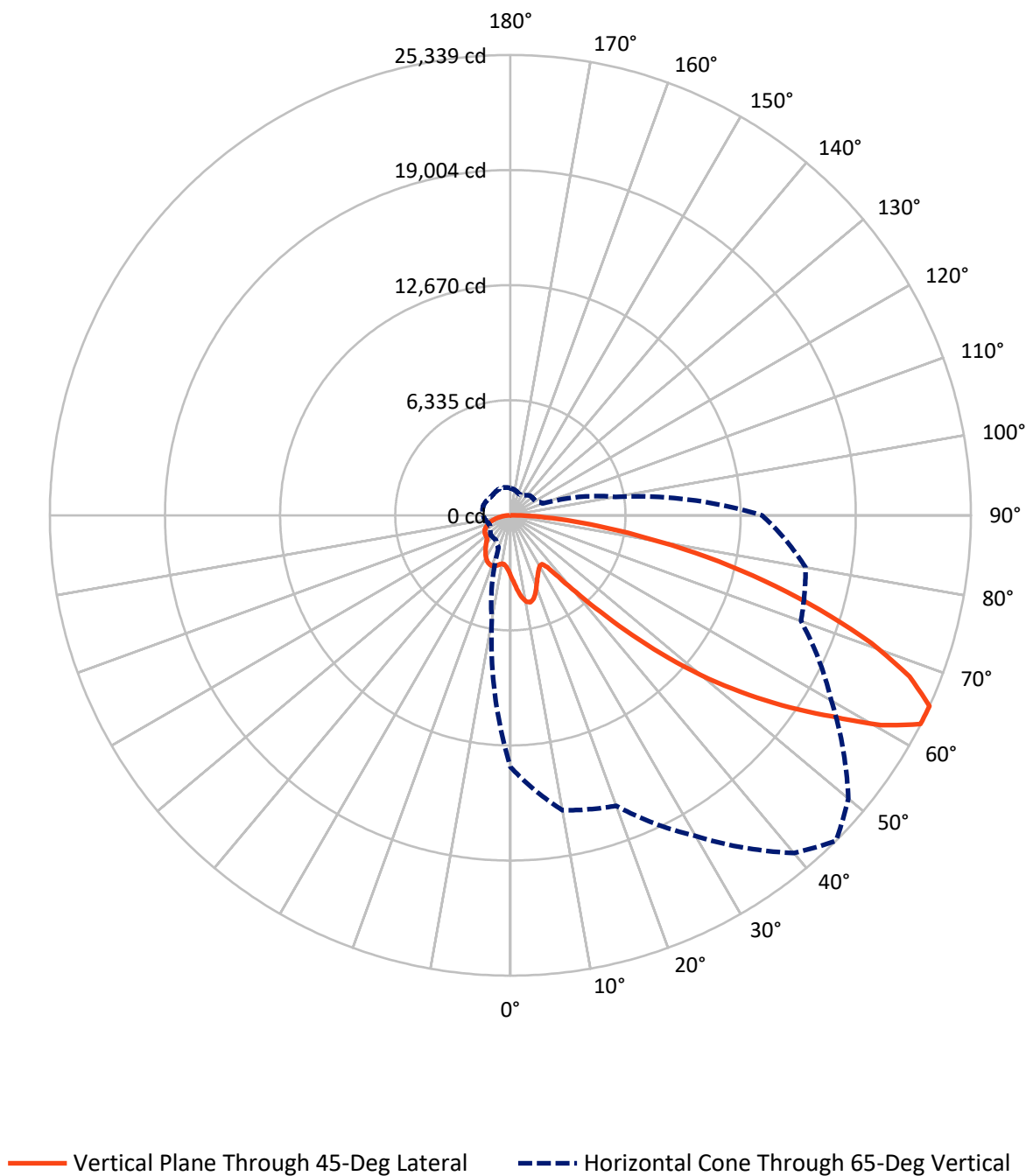


Based on 25 foot mounting height. Maximum calculated value = 7.4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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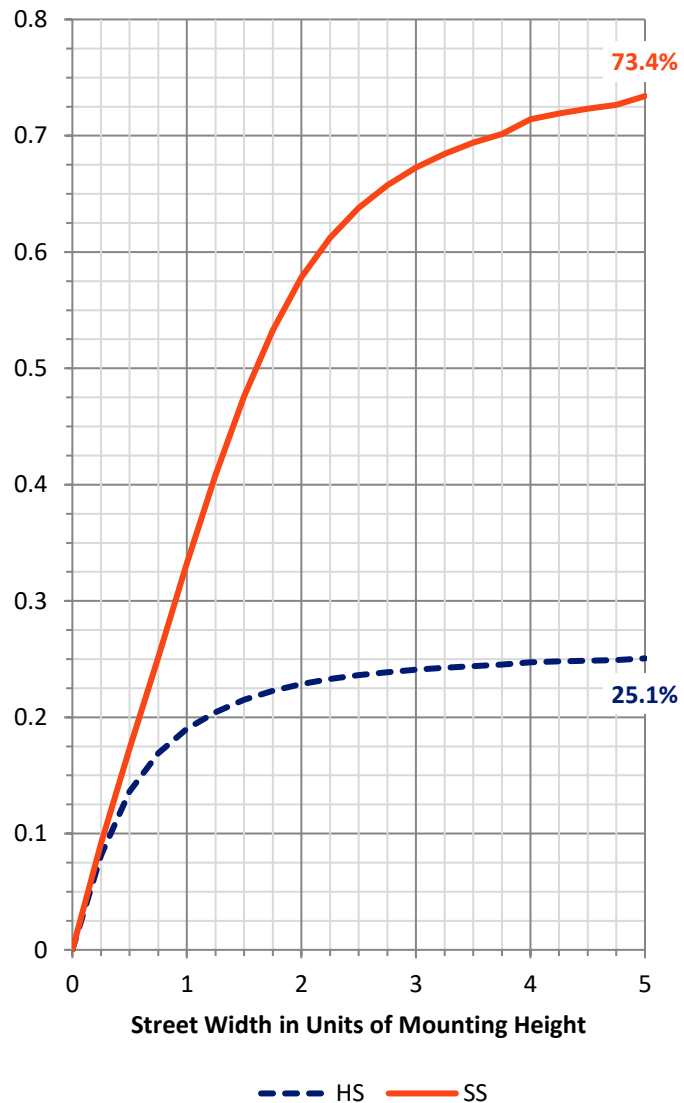
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6170.5	0.0	6170.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	18108.6	0.0	18108.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	24279.2	0.0	24279.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	331.2	1.4
10°-20°	1039.7	4.3
20°-30°	1605.9	6.6
30°-40°	2035.1	8.4
40°-50°	3069.4	12.6
50°-60°	4959.1	20.4
60°-70°	6182.4	25.5
70°-80°	4054.1	16.7
80°-90°	1002.3	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	24279.2	100.0
0°-180°	24279.2	100.0

Coefficient of Utilization



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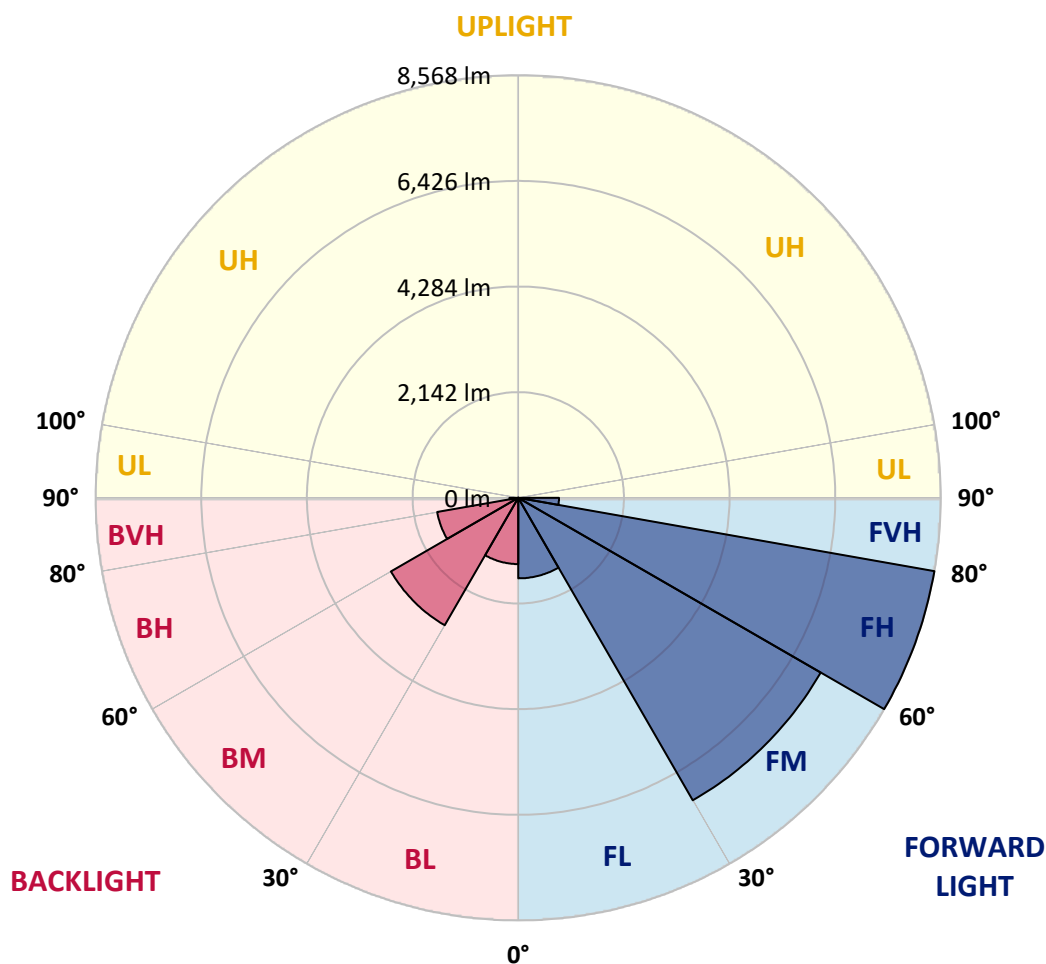
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1633.1	6.7			
FM	(30°-60°)	7081.7	29.2			
FH	(60°-80°)	8568.2	35.3			G4/12000
FVH	(80°-90°)	825.6	3.4			G5
BL	(0°-30°)	1343.7	5.5	B3/2500		
BM	(30°-60°)	2982.0	12.3	B3/5000		
BH	(60°-80°)	1668.2	6.9	B3/2500		G3/2500
BVH	(80°-90°)	176.6	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°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3590.4	3603.9	3617.6	3637.0	3656.3	3667.9	3679.3	3685.2	3690.9	3688.4	3690.9
5°	3860.7	3908.2	3955.9	4003.0	4050.3	4075.9	4101.5	4117.0	4132.6	4144.4	4132.6
7.5°	4132.3	4209.7	4286.9	4356.5	4426.1	4467.9	4509.8	4532.4	4555.0	4565.9	4555.0
10°	4340.5	4431.9	4523.3	4605.0	4686.6	4736.0	4785.2	4807.2	4829.2	4837.5	4829.2
12.5°	4467.9	4567.1	4666.1	4739.9	4813.4	4849.3	4885.2	4897.2	4909.2	4910.6	4909.2
15°	4545.4	4631.0	4716.4	4762.7	4809.1	4810.3	4811.7	4798.8	4786.0	4770.9	4786.0
17.5°	4588.9	4646.7	4704.5	4705.5	4706.2	4654.3	4602.5	4554.9	4507.2	4473.7	4507.2
20°	4637.0	4657.1	4677.4	4616.5	4555.6	4441.1	4326.6	4243.2	4159.8	4108.5	4159.8
22.5°	4692.8	4666.3	4640.0	4513.9	4387.8	4219.4	4050.9	3946.7	3842.3	3785.7	3842.3
25°	4764.5	4681.2	4597.9	4406.6	4215.1	4010.5	3805.9	3696.3	3586.9	3533.3	3586.9
27.5°	4861.9	4713.0	4564.0	4310.4	4057.1	3830.3	3603.5	3495.7	3387.9	3337.3	3387.9
30°	4993.2	4771.2	4549.3	4237.1	3925.1	3688.9	3452.6	3352.6	3252.5	3205.4	3252.5
32.5°	5148.2	4844.2	4540.2	4187.2	3834.1	3612.1	3390.1	3311.6	3233.0	3198.9	3233.0
35°	5336.5	4964.5	4592.5	4224.6	3856.8	3702.6	3548.4	3530.1	3511.8	3509.0	3511.8
37.5°	5653.6	5215.9	4778.3	4444.0	4109.5	4099.6	4089.5	4173.4	4257.1	4300.7	4257.1
40°	6132.7	5656.8	5180.9	4932.2	4683.5	4859.0	5034.5	5238.3	5441.9	5543.4	5441.9
42.5°	6768.2	6296.0	5823.7	5680.4	5537.3	5920.1	6302.8	6673.4	7043.8	7261.4	7043.8
45°	7552.8	7128.7	6704.3	6641.2	6577.9	7191.2	7804.6	8413.4	9022.3	9391.9	9022.3
47.5°	8534.2	8121.5	7708.7	7695.9	7683.1	8567.9	9452.3	10343.6	11234.8	11758.1	11234.8
50°	9820.4	9310.7	8801.1	8803.2	8805.4	9945.6	11085.8	12262.3	13438.7	14149.9	13438.7
52.5°	11296.9	10679.7	10062.5	10000.2	9937.7	11299.6	12661.5	14117.1	15572.6	16425.2	15572.6
55°	12868.9	12259.0	11649.2	11405.9	11162.7	12678.4	14194.2	15929.4	17664.7	18678.7	17664.7
57.5°	14298.5	13966.5	13634.3	13146.3	12658.4	14189.1	15719.6	17685.0	19650.5	20907.8	19650.5
60°	15162.7	15678.5	16194.4	15588.4	14982.4	16430.9	17879.3	19983.7	22088.0	23447.1	22088.0
62.5°	14723.9	16133.3	17542.6	17474.3	17405.9	18732.8	20059.8	22061.9	24063.9	25320.1	24063.9
65°	13845.7	15168.5	16491.2	16752.9	17014.6	18700.7	20387.0	22328.5	24269.7	25339.2	24269.7
67.5°	12669.0	13927.1	15185.1	15307.9	15430.5	17187.4	18944.2	20893.9	22843.7	23681.5	22843.7
70°	11255.3	12623.6	13992.2	14046.9	14102.0	15673.1	17244.1	18922.0	20599.7	21065.4	20599.7
72.5°	9570.6	11140.8	12711.2	12750.7	12790.1	14019.2	15248.5	16505.2	17761.7	17808.9	17761.7
75°	7439.4	9064.7	10689.9	10835.8	10981.7	11938.1	12894.5	13779.1	14663.6	14426.7	14663.6
77.5°	5315.3	6832.4	8349.6	8558.5	8767.3	9494.4	10221.4	10848.8	11476.3	11068.9	11476.3
80°	3478.8	4755.3	6031.5	6291.0	6550.6	7099.7	7648.6	7978.1	8307.4	7652.1	8307.4
82.5°	2022.2	2894.8	3767.5	4057.5	4347.4	4725.5	5103.4	5240.8	5378.2	4863.1	5378.2
85°	889.7	1352.9	1816.0	2062.6	2309.2	2619.8	2930.2	3008.2	3086.2	2673.7	3086.2
87.5°	275.4	431.1	586.7	724.4	861.9	1017.2	1172.5	1179.2	1185.7	995.5	1185.7
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3685.2	3679.3	3667.9	3656.3	3637.0	3617.6	3603.9	3590.4	3562.8	3535.2	3505.9
5°	4117.0	4101.5	4075.9	4050.3	4003.0	3955.9	3908.2	3860.7	3799.8	3739.0	3678.2
7.5°	4532.4	4509.8	4467.9	4426.1	4356.5	4286.9	4209.7	4132.3	4031.8	3931.5	3838.7
10°	4807.2	4785.2	4736.0	4686.6	4605.0	4523.3	4431.9	4340.5	4213.5	4086.5	3963.9
12.5°	4897.2	4885.2	4849.3	4813.4	4739.9	4666.1	4567.1	4467.9	4328.4	4189.0	4050.1
15°	4798.8	4811.7	4810.3	4809.1	4762.7	4716.4	4631.0	4545.4	4400.0	4254.6	4103.9
17.5°	4554.9	4602.5	4654.3	4706.2	4705.5	4704.5	4646.7	4588.9	4441.5	4294.0	4129.7
20°	4243.2	4326.6	4441.1	4555.6	4616.5	4677.4	4657.1	4637.0	4483.8	4330.4	4149.8
22.5°	3946.7	4050.9	4219.4	4387.8	4513.9	4640.0	4666.3	4692.8	4536.1	4379.5	4177.0
25°	3696.3	3805.9	4010.5	4215.1	4406.6	4597.9	4681.2	4764.5	4611.0	4457.6	4226.2
27.5°	3495.7	3603.5	3830.3	4057.1	4310.4	4564.0	4713.0	4861.9	4715.5	4569.1	4303.1
30°	3352.6	3452.6	3688.9	3925.1	4237.1	4549.3	4771.2	4993.2	4851.7	4710.4	4402.6
32.5°	3311.6	3390.1	3612.1	3834.1	4187.2	4540.2	4844.2	5148.2	5008.2	4868.2	4506.4
35°	3530.1	3548.4	3702.6	3856.8	4224.6	4592.5	4964.5	5336.5	5202.5	5068.3	4624.8
37.5°	4173.4	4089.5	4099.6	4109.5	4444.0	4778.3	5215.9	5653.6	5482.7	5311.8	4757.4
40°	5238.3	5034.5	4859.0	4683.5	4932.2	5180.9	5656.8	6132.7	5883.7	5634.6	4925.7
42.5°	6673.4	6302.8	5920.1	5537.3	5680.4	5823.7	6296.0	6768.2	6408.7	6049.1	5146.0
45°	8413.4	7804.6	7191.2	6577.9	6641.2	6704.3	7128.7	7552.8	7067.9	6583.1	5435.8
47.5°	10343.6	9452.3	8567.9	7683.1	7695.9	7708.7	8121.5	8534.2	7851.7	7169.2	5744.5
50°	12262.3	11085.8	9945.6	8805.4	8803.2	8801.1	9310.7	9820.4	8791.5	7762.5	6031.0
52.5°	14117.1	12661.5	11299.6	9937.7	10000.2	10062.5	10679.7	11296.9	9778.8	8260.7	6217.0
55°	15929.4	14194.2	12678.4	11162.7	11405.9	11649.2	12259.0	12868.9	10654.1	8439.3	6176.0
57.5°	17685.0	15719.6	14189.1	12658.4	13146.3	13634.3	13966.5	14298.5	11274.4	8250.1	5887.5
60°	19983.7	17879.3	16430.9	14982.4	15588.4	16194.4	15678.5	15162.7	11429.4	7695.9	5350.6
62.5°	22061.9	20059.8	18732.8	17405.9	17474.3	17542.6	16133.3	14723.9	10776.6	6829.4	4624.6
65°	22328.5	20387.0	18700.7	17014.6	16752.9	16491.2	15168.5	13845.7	9853.1	5860.4	3883.8
67.5°	20893.9	18944.2	17187.4	15430.5	15307.9	15185.1	13927.1	12669.0	8754.0	4839.0	3158.2
70°	18922.0	17244.1	15673.1	14102.0	14046.9	13992.2	12623.6	11255.3	7554.8	3854.2	2486.6
72.5°	16505.2	15248.5	14019.2	12790.1	12750.7	12711.2	11140.8	9570.6	6254.7	2938.9	1901.1
75°	13779.1	12894.5	11938.1	10981.7	10835.8	10689.9	9064.7	7439.4	4764.3	2089.3	1379.8
77.5°	10848.8	10221.4	9494.4	8767.3	8558.5	8349.6	6832.4	5315.3	3334.6	1353.9	935.0
80°	7978.1	7648.6	7099.7	6550.6	6291.0	6031.5	4755.3	3478.8	2148.4	817.9	602.4
82.5°	5240.8	5103.4	4725.5	4347.4	4057.5	3767.5	2894.8	2022.2	1243.4	464.8	370.5
85°	3008.2	2930.2	2619.8	2309.2	2062.6	1816.0	1352.9	889.7	559.3	229.1	198.0
87.5°	1179.2	1172.5	1017.2	861.9	724.4	586.7	431.1	275.4	183.2	90.9	82.1
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°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3476.7	3447.3	3417.8	3389.6	3361.4	3334.1	3303.8	3279.2	3254.7	3232.5	3210.5
5°	3617.6	3556.5	3495.6	3438.6	3381.5	3327.7	3274.6	3228.1	3181.7	3142.8	3103.9
7.5°	3746.0	3655.7	3565.4	3485.8	3406.3	3332.8	3264.0	3202.3	3140.7	3089.5	3038.2
10°	3841.4	3731.8	3621.9	3527.9	3433.6	3343.0	3269.1	3204.0	3139.0	3087.7	3036.5
12.5°	3911.3	3781.8	3652.5	3546.0	3439.6	3344.4	3275.6	3222.3	3169.2	3135.2	3101.3
15°	3953.3	3804.3	3655.3	3532.0	3408.8	3303.4	3248.3	3222.8	3197.4	3202.0	3206.6
17.5°	3965.3	3792.4	3619.4	3471.2	3322.9	3198.9	3165.0	3174.3	3183.5	3239.4	3295.3
20°	3969.2	3759.6	3550.0	3366.3	3182.5	3038.2	3029.2	3072.7	3116.3	3213.3	3310.4
22.5°	3974.3	3719.3	3464.4	3243.2	3021.9	2857.5	2875.1	2939.5	3004.0	3114.7	3225.6
25°	3994.5	3679.6	3364.9	3105.6	2846.6	2678.2	2725.6	2799.9	2874.2	2973.7	3073.4
27.5°	4036.8	3653.1	3269.4	2980.0	2690.6	2537.3	2594.9	2666.6	2738.4	2820.3	2902.0
30°	4094.7	3640.7	3186.4	2874.9	2563.5	2434.8	2480.0	2536.9	2594.0	2661.9	2729.8
32.5°	4144.7	3625.3	3105.6	2784.4	2463.0	2359.1	2379.3	2413.0	2446.7	2500.9	2555.2
35°	4181.3	3596.3	3011.7	2695.3	2379.0	2292.5	2284.2	2293.4	2302.8	2344.2	2385.5
37.5°	4203.1	3546.8	2890.5	2590.6	2290.7	2215.0	2184.6	2174.3	2164.1	2193.8	2223.4
40°	4216.8	3478.5	2740.3	2465.5	2190.7	2122.2	2075.4	2052.3	2029.0	2050.4	2071.8
42.5°	4242.8	3408.0	2573.5	2327.6	2081.6	2018.4	1959.5	1928.7	1898.0	1915.4	1932.9
45°	4288.5	3342.5	2396.8	2181.0	1965.2	1901.2	1844.2	1814.1	1784.3	1799.0	1813.8
47.5°	4320.0	3288.5	2257.0	2065.1	1873.0	1790.4	1741.3	1716.2	1691.0	1704.9	1718.6
50°	4299.5	3229.6	2159.7	1988.1	1816.4	1707.8	1650.8	1628.4	1606.3	1627.8	1649.4
52.5°	4173.3	3130.0	2086.9	1937.4	1787.8	1662.9	1583.2	1561.2	1539.2	1571.6	1603.9
55°	3912.5	2965.0	2017.5	1900.6	1783.6	1667.4	1547.3	1512.5	1477.7	1523.8	1569.6
57.5°	3525.0	2732.3	1939.6	1857.0	1774.4	1671.9	1525.8	1475.1	1424.3	1473.8	1523.3
60°	3005.2	2430.3	1855.4	1790.4	1725.4	1657.7	1505.5	1439.8	1374.0	1417.5	1460.7
62.5°	2419.8	2068.8	1717.7	1674.5	1631.5	1623.2	1482.0	1399.7	1317.6	1345.2	1372.7
65°	1907.3	1743.5	1579.6	1559.2	1538.8	1539.9	1432.3	1344.9	1257.4	1268.0	1278.6
67.5°	1477.4	1430.9	1384.3	1395.6	1406.9	1404.1	1343.7	1270.9	1198.1	1194.7	1191.5
70°	1119.1	1132.4	1145.5	1198.3	1251.0	1251.0	1231.1	1179.4	1127.6	1116.1	1104.5
72.5°	863.3	903.3	943.5	1018.3	1093.1	1105.6	1105.9	1070.4	1034.8	1017.9	1001.2
75°	670.2	706.6	743.0	826.9	910.6	968.5	963.7	936.3	909.0	892.8	876.6
77.5°	516.0	540.8	565.6	647.0	728.4	823.8	821.2	799.3	777.4	761.0	744.6
80°	386.9	397.2	407.4	476.3	545.1	659.2	658.8	640.4	622.0	608.2	594.4
82.5°	276.4	278.3	280.3	331.1	381.8	479.2	484.5	475.6	466.6	456.8	447.1
85°	167.2	166.3	165.2	202.4	239.5	311.9	319.0	309.3	299.8	288.8	278.0
87.5°	73.3	72.4	71.4	86.6	101.9	131.9	140.9	137.0	133.2	131.2	129.1
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: P964594

CATALOG NUMBER: NAV-SB3C-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3191.1	3171.8	3152.3	3133.0	3117.9	3102.9	3090.7	3078.5	3069.1	3059.5	3050.8
5°	3069.6	3035.2	3004.1	2972.8	2948.9	2924.8	2908.0	2891.2	2879.3	2867.4	2858.3
7.5°	2995.0	2951.7	2913.6	2875.4	2846.9	2818.4	2798.5	2778.5	2764.7	2751.2	2743.0
10°	2990.0	2943.4	2900.4	2857.5	2823.5	2789.2	2767.0	2744.4	2731.5	2718.5	2711.6
12.5°	3064.6	3028.3	2983.9	2939.5	2895.9	2852.4	2823.6	2794.8	2780.3	2766.0	2760.0
15°	3197.2	3187.6	3149.1	3110.6	3048.6	2986.5	2942.8	2898.9	2878.8	2858.8	2851.1
17.5°	3325.0	3354.6	3323.5	3292.5	3210.4	3128.2	3063.6	2999.1	2969.4	2939.5	2929.8
20°	3372.6	3434.7	3420.3	3405.9	3312.0	3218.2	3139.0	3059.9	3021.9	2983.8	2971.6
22.5°	3306.4	3387.3	3396.0	3404.5	3314.8	3225.3	3143.8	3062.1	3022.0	2981.8	2968.4
25°	3153.0	3232.5	3262.3	3291.8	3218.3	3144.9	3072.3	3000.2	2965.3	2930.6	2917.9
27.5°	2965.8	3029.6	3062.6	3095.8	3043.4	2991.2	2934.9	2878.7	2855.3	2831.9	2826.1
30°	2782.7	2835.8	2862.6	2889.6	2849.7	2809.7	2769.5	2729.1	2717.2	2705.1	2705.1
32.5°	2606.0	2656.8	2686.6	2716.7	2680.0	2643.2	2611.1	2578.9	2571.1	2563.2	2564.2
35°	2435.7	2486.0	2521.9	2557.8	2531.6	2505.6	2475.9	2446.3	2434.4	2422.6	2420.0
37.5°	2273.4	2323.7	2368.1	2412.3	2400.3	2388.2	2361.0	2333.5	2311.9	2290.4	2279.0
40°	2120.2	2168.7	2219.6	2270.8	2273.8	2276.5	2253.4	2230.2	2198.6	2167.4	2146.1
42.5°	1978.9	2024.8	2079.9	2135.0	2149.7	2164.5	2144.8	2125.3	2086.3	2047.2	2016.4
45°	1857.4	1901.0	1958.1	2015.2	2036.4	2057.5	2039.7	2022.2	1977.5	1932.9	1896.7
47.5°	1761.3	1803.8	1860.2	1916.5	1940.9	1965.2	1952.9	1940.6	1901.0	1861.2	1827.7
50°	1689.7	1729.8	1780.2	1830.8	1862.0	1893.3	1892.5	1891.9	1860.2	1828.4	1797.4
52.5°	1640.8	1677.6	1724.7	1771.8	1808.8	1845.8	1852.5	1859.1	1833.3	1807.4	1779.6
55°	1609.4	1649.0	1690.3	1731.4	1770.6	1809.9	1819.2	1828.4	1805.8	1783.3	1759.0
57.5°	1569.9	1616.5	1657.2	1698.1	1737.7	1777.1	1786.5	1795.9	1773.0	1750.3	1726.2
60°	1514.2	1567.8	1609.2	1650.8	1690.4	1730.2	1740.4	1750.7	1728.4	1706.2	1681.3
62.5°	1435.1	1497.6	1541.8	1586.0	1622.4	1658.8	1668.7	1678.5	1658.4	1638.3	1612.1
65°	1345.4	1412.4	1454.7	1497.0	1529.0	1561.1	1571.1	1581.2	1561.8	1542.4	1517.1
67.5°	1253.2	1315.1	1355.2	1395.1	1422.8	1450.5	1460.3	1470.1	1452.3	1434.6	1411.0
70°	1158.9	1213.2	1247.8	1282.4	1307.4	1332.4	1341.8	1351.4	1336.8	1322.4	1299.8
72.5°	1044.0	1086.6	1117.9	1149.1	1173.6	1198.1	1209.4	1220.7	1208.6	1196.6	1175.1
75°	908.4	940.1	968.4	996.7	1019.0	1041.3	1053.1	1064.9	1058.9	1053.1	1035.0
77.5°	770.5	796.2	820.5	844.9	868.4	891.6	902.7	913.7	905.5	897.1	878.8
80°	615.9	637.3	657.8	678.3	696.2	713.8	728.5	743.0	739.4	736.1	711.6
82.5°	445.4	443.5	436.3	429.2	467.1	505.0	529.8	554.7	553.2	551.6	530.8
85°	268.8	259.4	239.5	219.8	255.2	290.8	321.5	352.3	349.7	347.2	331.1
87.5°	128.7	128.3	113.3	98.0	112.9	127.8	140.3	152.7	149.6	146.3	138.1
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: P964594

CATALOG NUMBER: NAV-SB3C-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3042.0	3031.1	3042.0	3050.8	3059.5	3069.1	3078.5	3090.7	3102.9	3117.9	3133.0
5°	2849.2	2840.3	2849.2	2858.3	2867.4	2879.3	2891.2	2908.0	2924.8	2948.9	2972.8
7.5°	2734.9	2728.8	2734.9	2743.0	2751.2	2764.7	2778.5	2798.5	2818.4	2846.9	2875.4
10°	2704.7	2701.9	2704.7	2711.6	2718.5	2731.5	2744.4	2767.0	2789.2	2823.5	2857.5
12.5°	2754.2	2753.1	2754.2	2760.0	2766.0	2780.3	2794.8	2823.6	2852.4	2895.9	2939.5
15°	2843.5	2842.8	2843.5	2851.1	2858.8	2878.8	2898.9	2942.8	2986.5	3048.6	3110.6
17.5°	2919.9	2918.4	2919.9	2929.8	2939.5	2969.4	2999.1	3063.6	3128.2	3210.4	3292.5
20°	2959.4	2955.6	2959.4	2971.6	2983.8	3021.9	3059.9	3139.0	3218.2	3312.0	3405.9
22.5°	2954.9	2949.1	2954.9	2968.4	2981.8	3022.0	3062.1	3143.8	3225.3	3314.8	3404.5
25°	2905.4	2897.9	2905.4	2917.9	2930.6	2965.3	3000.2	3072.3	3144.9	3218.3	3291.8
27.5°	2820.4	2818.4	2820.4	2826.1	2831.9	2855.3	2878.7	2934.9	2991.2	3043.4	3095.8
30°	2705.1	2707.0	2705.1	2705.1	2705.1	2717.2	2729.1	2769.5	2809.7	2849.7	2889.6
32.5°	2565.5	2567.3	2565.5	2564.2	2563.2	2571.1	2578.9	2611.1	2643.2	2680.0	2716.7
35°	2417.5	2416.2	2417.5	2420.0	2422.6	2434.4	2446.3	2475.9	2505.6	2531.6	2557.8
37.5°	2267.6	2261.1	2267.6	2279.0	2290.4	2311.9	2333.5	2361.0	2388.2	2400.3	2412.3
40°	2125.1	2112.5	2125.1	2146.1	2167.4	2198.6	2230.2	2253.4	2276.5	2273.8	2270.8
42.5°	1985.5	1965.2	1985.5	2016.4	2047.2	2086.3	2125.3	2144.8	2164.5	2149.7	2135.0
45°	1860.5	1837.1	1860.5	1896.7	1932.9	1977.5	2022.2	2039.7	2057.5	2036.4	2015.2
47.5°	1794.2	1771.8	1794.2	1827.7	1861.2	1901.0	1940.6	1952.9	1965.2	1940.9	1916.5
50°	1766.4	1744.9	1766.4	1797.4	1828.4	1860.2	1891.9	1892.5	1893.3	1862.0	1830.8
52.5°	1751.9	1732.0	1751.9	1779.6	1807.4	1833.3	1859.1	1852.5	1845.8	1808.8	1771.8
55°	1734.6	1716.7	1734.6	1759.0	1783.3	1805.8	1828.4	1819.2	1809.9	1770.6	1731.4
57.5°	1702.0	1683.4	1702.0	1726.2	1750.3	1773.0	1795.9	1786.5	1777.1	1737.7	1698.1
60°	1656.5	1637.2	1656.5	1681.3	1706.2	1728.4	1750.7	1740.4	1730.2	1690.4	1650.8
62.5°	1586.0	1562.9	1586.0	1612.1	1638.3	1658.4	1678.5	1668.7	1658.8	1622.4	1586.0
65°	1491.9	1472.0	1491.9	1517.1	1542.4	1561.8	1581.2	1571.1	1561.1	1529.0	1497.0
67.5°	1387.4	1369.5	1387.4	1411.0	1434.6	1452.3	1470.1	1460.3	1450.5	1422.8	1395.1
70°	1277.3	1256.8	1277.3	1299.8	1322.4	1336.8	1351.4	1341.8	1332.4	1307.4	1282.4
72.5°	1153.6	1133.8	1153.6	1175.1	1196.6	1208.6	1220.7	1209.4	1198.1	1173.6	1149.1
75°	1016.9	998.0	1016.9	1035.0	1053.1	1058.9	1064.9	1053.1	1041.3	1019.0	996.7
77.5°	860.7	845.5	860.7	878.8	897.1	905.5	913.7	902.7	891.6	868.4	844.9
80°	687.0	658.5	687.0	711.6	736.1	739.4	743.0	728.5	713.8	696.2	678.3
82.5°	510.1	492.0	510.1	530.8	551.6	553.2	554.7	529.8	505.0	467.1	429.2
85°	314.9	298.5	314.9	331.1	347.2	349.7	352.3	321.5	290.8	255.2	219.8
87.5°	129.7	121.7	129.7	138.1	146.3	149.6	152.7	140.3	127.8	112.9	98.0
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: P964594

CATALOG NUMBER: NAV-SB3C-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3152.3	3171.8	3191.1	3210.5	3232.5	3254.7	3279.2	3303.8	3334.1	3361.4	3389.6
5°	3004.1	3035.2	3069.6	3103.9	3142.8	3181.7	3228.1	3274.6	3327.7	3381.5	3438.6
7.5°	2913.6	2951.7	2995.0	3038.2	3089.5	3140.7	3202.3	3264.0	3332.8	3406.3	3485.8
10°	2900.4	2943.4	2990.0	3036.5	3087.7	3139.0	3204.0	3269.1	3343.0	3433.6	3527.9
12.5°	2983.9	3028.3	3064.6	3101.3	3135.2	3169.2	3222.3	3275.6	3344.4	3439.6	3546.0
15°	3149.1	3187.6	3197.2	3206.6	3202.0	3197.4	3222.8	3248.3	3303.4	3408.8	3532.0
17.5°	3323.5	3354.6	3325.0	3295.3	3239.4	3183.5	3174.3	3165.0	3198.9	3322.9	3471.2
20°	3420.3	3434.7	3372.6	3310.4	3213.3	3116.3	3072.7	3029.2	3038.2	3182.5	3366.3
22.5°	3396.0	3387.3	3306.4	3225.6	3114.7	3004.0	2939.5	2875.1	2857.5	3021.9	3243.2
25°	3262.3	3232.5	3153.0	3073.4	2973.7	2874.2	2799.9	2725.6	2678.2	2846.6	3105.6
27.5°	3062.6	3029.6	2965.8	2902.0	2820.3	2738.4	2666.6	2594.9	2537.3	2690.6	2980.0
30°	2862.6	2835.8	2782.7	2729.8	2661.9	2594.0	2536.9	2480.0	2434.8	2563.5	2874.9
32.5°	2686.6	2656.8	2606.0	2555.2	2500.9	2446.7	2413.0	2379.3	2359.1	2463.0	2784.4
35°	2521.9	2486.0	2435.7	2385.5	2344.2	2302.8	2293.4	2284.2	2292.5	2379.0	2695.3
37.5°	2368.1	2323.7	2273.4	2223.4	2193.8	2164.1	2174.3	2184.6	2215.0	2290.7	2590.6
40°	2219.6	2168.7	2120.2	2071.8	2050.4	2029.0	2052.3	2075.4	2122.2	2190.7	2465.5
42.5°	2079.9	2024.8	1978.9	1932.9	1915.4	1898.0	1928.7	1959.5	2018.4	2081.6	2327.6
45°	1958.1	1901.0	1857.4	1813.8	1799.0	1784.3	1814.1	1844.2	1901.2	1965.2	2181.0
47.5°	1860.2	1803.8	1761.3	1718.6	1704.9	1691.0	1716.2	1741.3	1790.4	1873.0	2065.1
50°	1780.2	1729.8	1689.7	1649.4	1627.8	1606.3	1628.4	1650.8	1707.8	1816.4	1988.1
52.5°	1724.7	1677.6	1640.8	1603.9	1571.6	1539.2	1561.2	1583.2	1662.9	1787.8	1937.4
55°	1690.3	1649.0	1609.4	1569.6	1523.8	1477.7	1512.5	1547.3	1667.4	1783.6	1900.6
57.5°	1657.2	1616.5	1569.9	1523.3	1473.8	1424.3	1475.1	1525.8	1671.9	1774.4	1857.0
60°	1609.2	1567.8	1514.2	1460.7	1417.5	1374.0	1439.8	1505.5	1657.7	1725.4	1790.4
62.5°	1541.8	1497.6	1435.1	1372.7	1345.2	1317.6	1399.7	1482.0	1623.2	1631.5	1674.5
65°	1454.7	1412.4	1345.4	1278.6	1268.0	1257.4	1344.9	1432.3	1539.9	1538.8	1559.2
67.5°	1355.2	1315.1	1253.2	1191.5	1194.7	1198.1	1270.9	1343.7	1404.1	1406.9	1395.6
70°	1247.8	1213.2	1158.9	1104.5	1116.1	1127.6	1179.4	1231.1	1251.0	1251.0	1198.3
72.5°	1117.9	1086.6	1044.0	1001.2	1017.9	1034.8	1070.4	1105.9	1105.6	1093.1	1018.3
75°	968.4	940.1	908.4	876.6	892.8	909.0	936.3	963.7	968.5	910.6	826.9
77.5°	820.5	796.2	770.5	744.6	761.0	777.4	799.3	821.2	823.8	728.4	647.0
80°	657.8	637.3	615.9	594.4	608.2	622.0	640.4	658.8	659.2	545.1	476.3
82.5°	436.3	443.5	445.4	447.1	456.8	466.6	475.6	484.5	479.2	381.8	331.1
85°	239.5	259.4	268.8	278.0	288.8	299.8	309.3	319.0	311.9	239.5	202.4
87.5°	113.3	128.3	128.7	129.1	131.2	133.2	137.0	140.9	131.9	101.9	86.6
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: P964594

CATALOG NUMBER: NAV-SB3C-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6	3338.6
2.5°	3417.8	3447.3	3476.7	3505.9	3535.2	3562.8	3590.4
5°	3495.6	3556.5	3617.6	3678.2	3739.0	3799.8	3860.7
7.5°	3565.4	3655.7	3746.0	3838.7	3931.5	4031.8	4132.3
10°	3621.9	3731.8	3841.4	3963.9	4086.5	4213.5	4340.5
12.5°	3652.5	3781.8	3911.3	4050.1	4189.0	4328.4	4467.9
15°	3655.3	3804.3	3953.3	4103.9	4254.6	4400.0	4545.4
17.5°	3619.4	3792.4	3965.3	4129.7	4294.0	4441.5	4588.9
20°	3550.0	3759.6	3969.2	4149.8	4330.4	4483.8	4637.0
22.5°	3464.4	3719.3	3974.3	4177.0	4379.5	4536.1	4692.8
25°	3364.9	3679.6	3994.5	4226.2	4457.6	4611.0	4764.5
27.5°	3269.4	3653.1	4036.8	4303.1	4569.1	4715.5	4861.9
30°	3186.4	3640.7	4094.7	4402.6	4710.4	4851.7	4993.2
32.5°	3105.6	3625.3	4144.7	4506.4	4868.2	5008.2	5148.2
35°	3011.7	3596.3	4181.3	4624.8	5068.3	5202.5	5336.5
37.5°	2890.5	3546.8	4203.1	4757.4	5311.8	5482.7	5653.6
40°	2740.3	3478.5	4216.8	4925.7	5634.6	5883.7	6132.7
42.5°	2573.5	3408.0	4242.8	5146.0	6049.1	6408.7	6768.2
45°	2396.8	3342.5	4288.5	5435.8	6583.1	7067.9	7552.8
47.5°	2257.0	3288.5	4320.0	5744.5	7169.2	7851.7	8534.2
50°	2159.7	3229.6	4299.5	6031.0	7762.5	8791.5	9820.4
52.5°	2086.9	3130.0	4173.3	6217.0	8260.7	9778.8	11296.9
55°	2017.5	2965.0	3912.5	6176.0	8439.3	10654.1	12868.9
57.5°	1939.6	2732.3	3525.0	5887.5	8250.1	11274.4	14298.5
60°	1855.4	2430.3	3005.2	5350.6	7695.9	11429.4	15162.7
62.5°	1717.7	2068.8	2419.8	4624.6	6829.4	10776.6	14723.9
65°	1579.6	1743.5	1907.3	3883.8	5860.4	9853.1	13845.7
67.5°	1384.3	1430.9	1477.4	3158.2	4839.0	8754.0	12669.0
70°	1145.5	1132.4	1119.1	2486.6	3854.2	7554.8	11255.3
72.5°	943.5	903.3	863.3	1901.1	2938.9	6254.7	9570.6
75°	743.0	706.6	670.2	1379.8	2089.3	4764.3	7439.4
77.5°	565.6	540.8	516.0	935.0	1353.9	3334.6	5315.3
80°	407.4	397.2	386.9	602.4	817.9	2148.4	3478.8
82.5°	280.3	278.3	276.4	370.5	464.8	1243.4	2022.2
85°	165.2	166.3	167.2	198.0	229.1	559.3	889.7
87.5°	71.4	72.4	73.3	82.1	90.9	183.2	275.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)