

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: P971011

Luminaire Tested: **NAV-SB6C-827-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P971011
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-SB6C-827-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40332.7 lumens
Efficiency: N/A
Efficacy: 134.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

Input Watts (W): 300.9
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

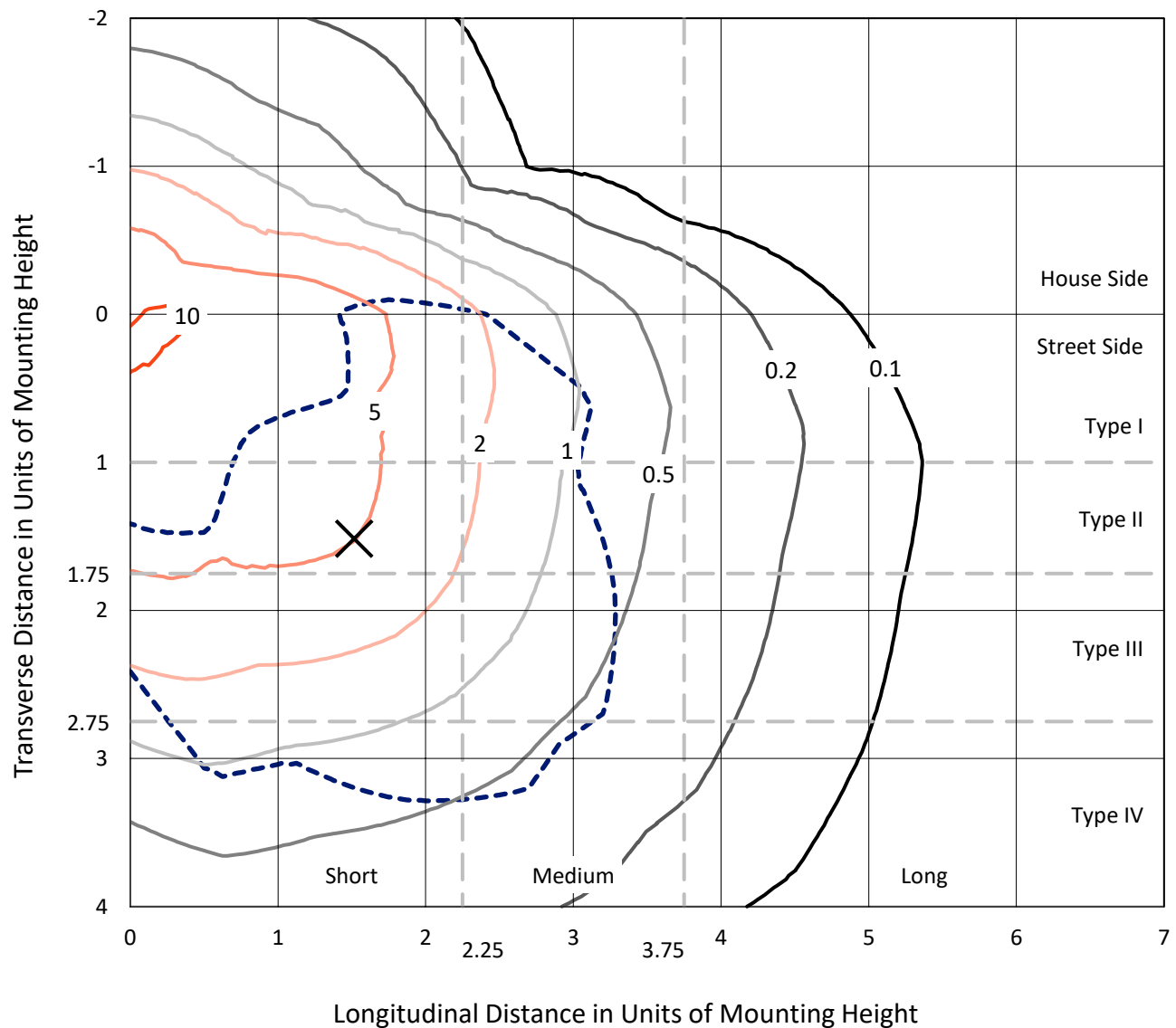


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Iso-Footcandle Lines of Horizontal Illumination

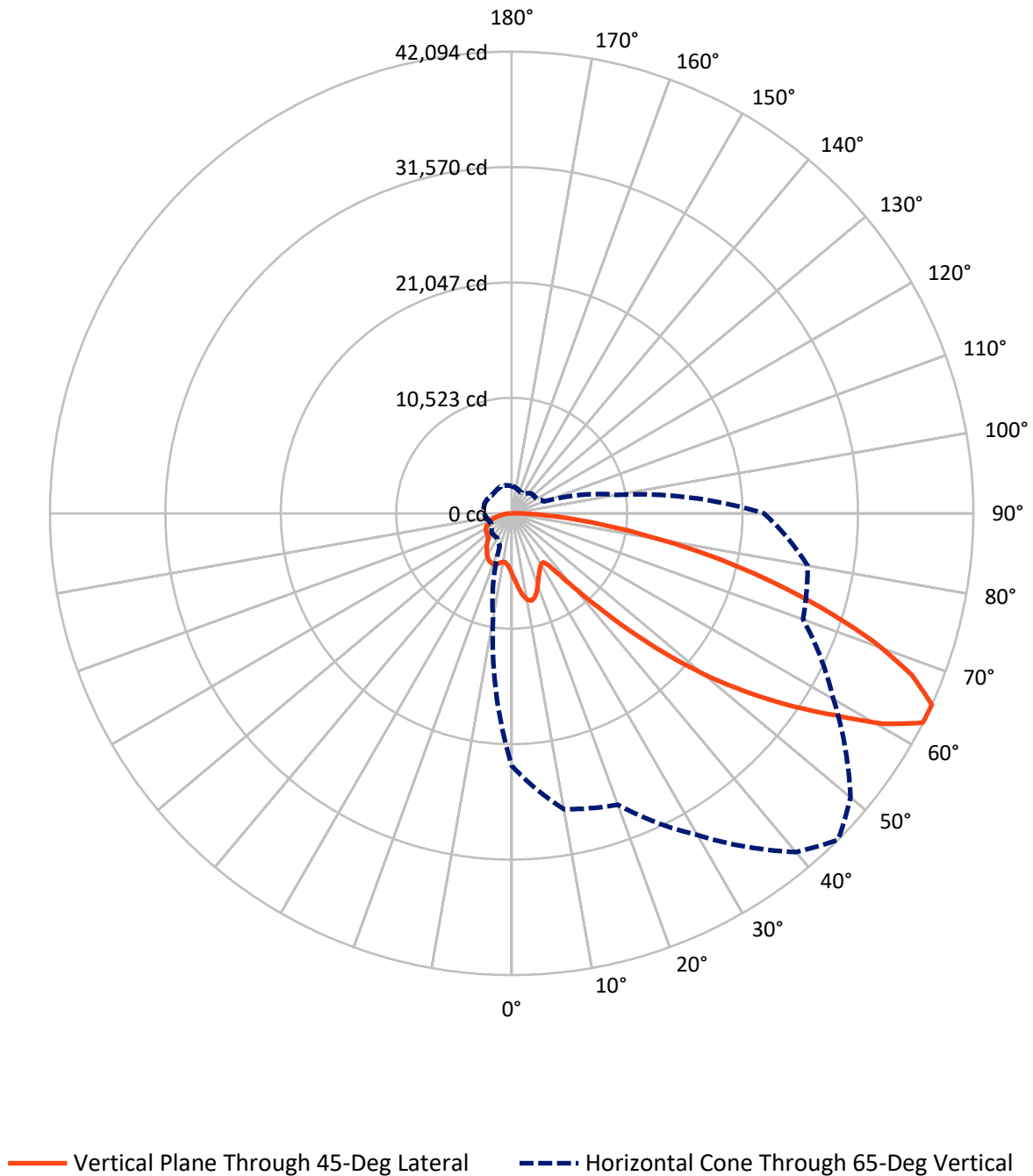
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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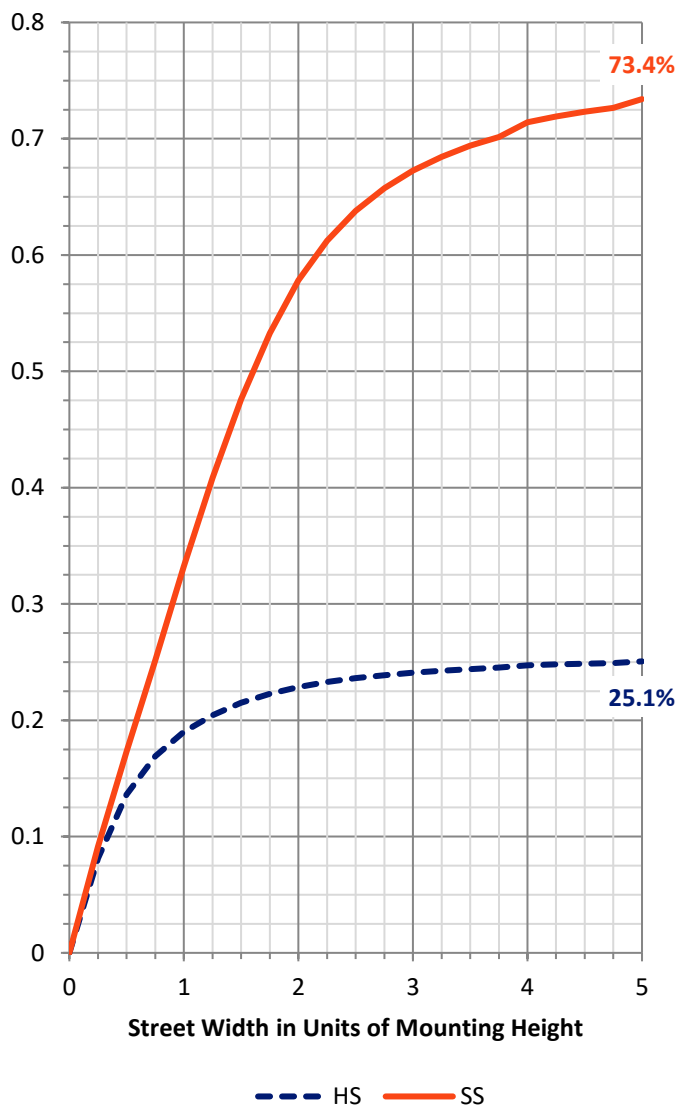
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10250.5	0.0	10250.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	30082.2	0.0	30082.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	40332.7	0.0	40332.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	550.2	1.4
10°-20°	1727.1	4.3
20°-30°	2667.8	6.6
30°-40°	3380.7	8.4
40°-50°	5099.0	12.6
50°-60°	8238.2	20.4
60°-70°	10270.2	25.5
70°-80°	6734.7	16.7
80°-90°	1665.0	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°	40332.7	100.0
0°-180°	40332.7	100.0

Coefficient of Utilization



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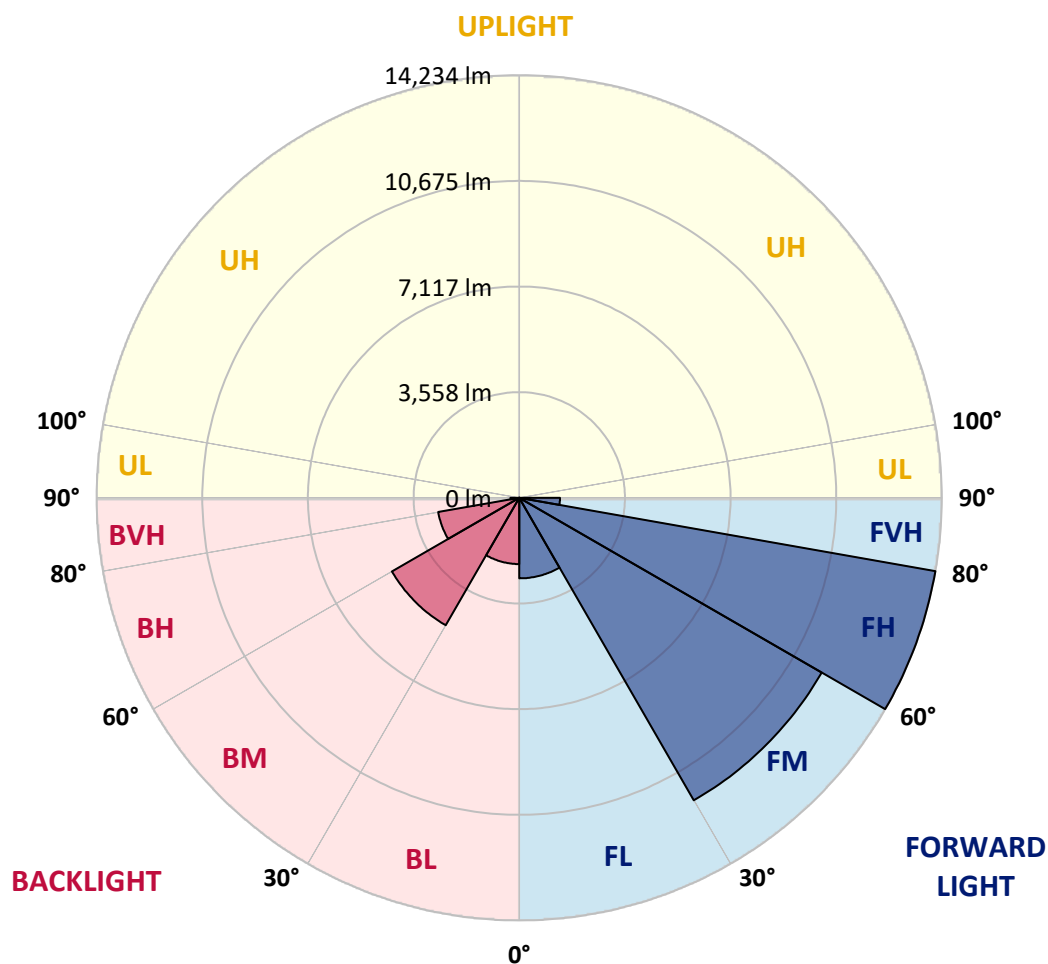
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2712.8	6.7			
FM	(30°-60°)	11764.2	29.2			
FH	(60°-80°)	14233.6	35.3			G5
FVH	(80°-90°)	1371.6	3.4			G5
BL	(0°-30°)	2232.2	5.5	B3/2500		
BM	(30°-60°)	4953.7	12.3	B3/5000		
BH	(60°-80°)	2771.3	6.9	B4/5000		G4/5000
BVH	(80°-90°)	293.4	0.7			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5964.3	5986.8	6009.6	6041.8	6073.8	6093.0	6112.2	6121.8	6131.3	6127.1	6131.3
5°	6413.3	6492.2	6571.5	6649.8	6728.3	6770.8	6813.5	6839.2	6865.1	6884.7	6865.1
7.5°	6864.5	6993.1	7121.4	7236.9	7352.5	7422.1	7491.7	7529.3	7566.9	7584.9	7566.9
10°	7210.4	7362.3	7514.3	7649.8	7785.4	7867.5	7949.3	7985.9	8022.3	8036.1	8022.3
12.5°	7422.1	7586.8	7751.4	7873.9	7996.1	8055.7	8115.2	8135.2	8155.3	8157.4	8155.3
15°	7550.9	7693.0	7835.0	7911.8	7988.8	7991.0	7993.2	7971.8	7950.5	7925.4	7950.5
17.5°	7623.2	7719.2	7815.2	7816.6	7818.0	7731.8	7645.6	7566.7	7487.4	7431.7	7487.4
20°	7703.1	7736.4	7770.1	7668.9	7567.9	7377.6	7187.4	7048.8	6910.2	6825.2	6910.2
22.5°	7795.6	7751.8	7707.9	7498.5	7289.1	7009.3	6729.3	6556.1	6382.9	6288.9	6382.9
25°	7914.7	7776.5	7638.1	7320.1	7002.2	6662.3	6322.5	6140.3	5958.5	5869.6	5958.5
27.5°	8076.5	7829.3	7581.7	7160.5	6739.6	6362.9	5986.2	5807.0	5628.1	5544.0	5628.1
30°	8294.7	7925.8	7557.2	7038.8	6520.4	6128.0	5735.5	5569.3	5403.1	5324.8	5403.1
32.5°	8552.2	8047.2	7542.4	6955.9	6369.2	6000.5	5631.7	5501.2	5370.5	5314.1	5370.5
35°	8865.0	8247.0	7629.2	7018.0	6407.0	6150.7	5894.7	5864.2	5833.8	5829.2	5833.8
37.5°	9391.8	8664.7	7937.8	7382.4	6826.8	6810.2	6793.7	6932.8	7072.0	7144.4	7072.0
40°	10187.7	9397.1	8606.4	8193.3	7780.3	8071.9	8363.4	8701.8	9040.2	9208.7	9040.2
42.5°	11243.3	10458.8	9674.4	9436.5	9198.6	9834.5	10470.4	11085.8	11701.3	12062.6	11701.3
45°	12546.8	11842.1	11137.3	11032.4	10927.2	11946.1	12965.0	13976.3	14987.9	15601.8	14987.9
47.5°	14177.0	13491.6	12805.8	12784.5	12763.3	14232.9	15702.3	17182.9	18663.3	19532.6	18663.3
50°	16313.7	15466.9	14620.3	14624.0	14627.6	16521.7	18415.8	20370.1	22324.4	23506.0	22324.4
52.5°	18766.5	17741.1	16716.0	16612.3	16508.4	18770.9	21033.4	23451.5	25869.4	27285.7	25869.4
55°	21377.8	20364.8	19351.8	18947.6	18543.5	21061.6	23579.4	26462.1	29344.7	31029.2	29344.7
57.5°	23752.8	23201.3	22649.4	21838.8	21028.4	23570.9	26113.5	29378.5	32643.5	34732.2	32643.5
60°	25188.4	26045.1	26902.2	25895.5	24888.9	27295.0	29701.2	33197.0	36692.7	38950.4	36692.7
62.5°	24459.5	26800.7	29141.9	29028.5	28914.8	31119.0	33323.4	36649.4	39975.1	42061.8	39975.1
65°	23000.6	25197.9	27395.3	27830.1	28264.7	31065.8	33867.1	37092.2	40317.1	42093.8	40317.1
67.5°	21045.8	23135.7	25225.6	25429.4	25633.1	28551.8	31470.2	34709.1	37948.0	39339.8	37948.0
70°	18697.3	20970.5	23243.8	23334.9	23426.2	26036.2	28646.1	31433.4	34220.4	34994.0	34220.4
72.5°	15898.8	18507.3	21116.0	21181.6	21246.9	23288.9	25330.9	27418.4	29505.9	29584.2	29505.9
75°	12358.4	15058.3	17758.1	18000.5	18242.9	19831.7	21420.3	22889.9	24359.4	23965.7	24359.4
77.5°	8830.0	11350.1	13870.6	14217.5	14564.3	15772.1	16979.8	18022.1	19064.5	18387.7	19064.5
80°	5779.2	7899.5	10019.6	10450.8	10881.9	11794.1	12705.8	13253.1	13800.3	12711.7	13800.3
82.5°	3359.3	4808.9	6258.6	6740.2	7222.0	7849.9	8477.7	8706.0	8934.2	8078.6	8934.2
85°	1478.0	2247.4	3016.7	3426.4	3836.1	4351.9	4867.6	4997.2	5126.8	4441.5	5126.8
87.5°	457.6	716.2	974.7	1203.2	1431.8	1689.8	1947.7	1958.8	1969.6	1653.6	1969.6
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°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	6121.8	6112.2	6093.0	6073.8	6041.8	6009.6	5986.8	5964.3	5918.6	5872.7	5824.0
5°	6839.2	6813.5	6770.8	6728.3	6649.8	6571.5	6492.2	6413.3	6312.3	6211.2	6110.3
7.5°	7529.3	7491.7	7422.1	7352.5	7236.9	7121.4	6993.1	6864.5	6697.7	6531.0	6376.9
10°	7985.9	7949.3	7867.5	7785.4	7649.8	7514.3	7362.3	7210.4	6999.4	6788.6	6584.9
12.5°	8135.2	8115.2	8055.7	7996.1	7873.9	7751.4	7586.8	7422.1	7190.4	6958.8	6728.1
15°	7971.8	7993.2	7991.0	7988.8	7911.8	7835.0	7693.0	7550.9	7309.3	7067.8	6817.5
17.5°	7566.7	7645.6	7731.8	7818.0	7816.6	7815.2	7719.2	7623.2	7378.3	7133.3	6860.2
20°	7048.8	7187.4	7377.6	7567.9	7668.9	7770.1	7736.4	7703.1	7448.5	7193.8	6893.6
22.5°	6556.1	6729.3	7009.3	7289.1	7498.5	7707.9	7751.8	7795.6	7535.5	7275.2	6938.8
25°	6140.3	6322.5	6662.3	7002.2	7320.1	7638.1	7776.5	7914.7	7659.8	7405.1	7020.5
27.5°	5807.0	5986.2	6362.9	6739.6	7160.5	7581.7	7829.3	8076.5	7833.5	7590.2	7148.2
30°	5569.3	5735.5	6128.0	6520.4	7038.8	7557.2	7925.8	8294.7	8059.7	7825.0	7313.6
32.5°	5501.2	5631.7	6000.5	6369.2	6955.9	7542.4	8047.2	8552.2	8319.6	8087.1	7486.2
35°	5864.2	5894.7	6150.7	6407.0	7018.0	7629.2	8247.0	8865.0	8642.4	8419.6	7682.8
37.5°	6932.8	6793.7	6810.2	6826.8	7382.4	7937.8	8664.7	9391.8	9107.8	8823.9	7903.1
40°	8701.8	8363.4	8071.9	7780.3	8193.3	8606.4	9397.1	10187.7	9774.0	9360.3	8182.7
42.5°	11085.8	10470.4	9834.5	9198.6	9436.5	9674.4	10458.8	11243.3	10646.2	10049.0	8548.6
45°	13976.3	12965.0	11946.1	10927.2	11032.4	11137.3	11842.1	12546.8	11741.3	10935.7	9029.9
47.5°	17182.9	15702.3	14232.9	12763.3	12784.5	12805.8	13491.6	14177.0	13043.3	11909.5	9542.9
50°	20370.1	18415.8	16521.7	14627.6	14624.0	14620.3	15466.9	16313.7	14604.6	12895.2	10018.8
52.5°	23451.5	21033.4	18770.9	16508.4	16612.3	16716.0	17741.1	18766.5	16244.6	13722.7	10327.7
55°	26462.1	23579.4	21061.6	18543.5	18947.6	19351.8	20364.8	21377.8	17698.6	14019.5	10259.6
57.5°	29378.5	26113.5	23570.9	21028.4	21838.8	22649.4	23201.3	23752.8	18729.0	13705.2	9780.3
60°	33197.0	29701.2	27295.0	24888.9	25895.5	26902.2	26045.1	25188.4	18986.6	12784.5	8888.4
62.5°	36649.4	33323.4	31119.0	28914.8	29028.5	29141.9	26800.7	24459.5	17902.2	11345.0	7682.4
65°	37092.2	33867.1	31065.8	28264.7	27830.1	27395.3	25197.9	23000.6	16368.0	9735.4	6451.9
67.5°	34709.1	31470.2	28551.8	25633.1	25429.4	25225.6	23135.7	21045.8	14542.2	8038.7	5246.5
70°	31433.4	28646.1	26036.2	23426.2	23334.9	23243.8	20970.5	18697.3	12550.0	6402.7	4130.9
72.5°	27418.4	25330.9	23288.9	21246.9	21181.6	21116.0	18507.3	15898.8	10390.3	4882.1	3158.0
75°	22889.9	21420.3	19831.7	18242.9	18000.5	17758.1	15058.3	12358.4	7914.5	3470.6	2292.1
77.5°	18022.1	16979.8	15772.1	14564.3	14217.5	13870.6	11350.1	8830.0	5539.5	2249.1	1553.2
80°	13253.1	12705.8	11794.1	10881.9	10450.8	10019.6	7899.5	5779.2	3568.9	1358.8	1000.7
82.5°	8706.0	8477.7	7849.9	7222.0	6740.2	6258.6	4808.9	3359.3	2065.7	772.1	615.5
85°	4997.2	4867.6	4351.9	3836.1	3426.4	3016.7	2247.4	1478.0	929.2	380.5	329.0
87.5°	1958.8	1947.7	1689.8	1431.8	1203.2	974.7	716.2	457.6	304.3	151.1	136.4
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°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5775.6	5726.6	5677.6	5630.8	5584.0	5538.7	5488.3	5447.4	5406.7	5369.9	5333.3
5°	6009.6	5908.1	5806.8	5712.1	5617.4	5528.0	5439.7	5362.6	5285.4	5220.7	5156.2
7.5°	6222.9	6072.8	5922.8	5790.6	5658.5	5536.5	5422.2	5319.6	5217.2	5132.2	5047.0
10°	6381.4	6199.2	6016.9	5860.6	5704.0	5553.6	5430.8	5322.6	5214.5	5129.4	5044.2
12.5°	6497.4	6282.4	6067.5	5890.7	5713.8	5555.7	5441.4	5352.9	5264.7	5208.1	5152.0
15°	6567.2	6319.7	6072.2	5867.4	5662.7	5487.5	5396.0	5353.7	5311.5	5319.2	5326.9
17.5°	6587.3	6300.0	6012.6	5766.3	5520.1	5314.1	5257.7	5273.2	5288.6	5381.4	5474.1
20°	6593.6	6245.4	5897.2	5592.1	5286.8	5047.0	5032.1	5104.5	5176.9	5338.0	5499.2
22.5°	6602.1	6178.6	5755.1	5387.5	5020.0	4747.0	4776.1	4883.2	4990.2	5174.1	5358.4
25°	6635.7	6112.6	5589.7	5159.2	4728.8	4449.0	4527.7	4651.1	4774.7	4940.0	5105.5
27.5°	6706.0	6068.6	5431.2	4950.4	4469.6	4214.9	4310.6	4429.8	4549.1	4685.1	4820.8
30°	6802.2	6047.9	5293.3	4775.9	4258.6	4044.6	4119.8	4214.3	4309.2	4422.0	4534.8
32.5°	6885.1	6022.4	5159.2	4625.4	4091.5	3919.1	3952.5	4008.5	4064.4	4154.4	4244.7
35°	6946.0	5974.3	5003.0	4477.5	3952.1	3808.4	3794.6	3809.9	3825.4	3894.2	3962.8
37.5°	6982.2	5891.9	4801.6	4303.5	3805.2	3679.6	3629.0	3612.0	3595.0	3644.3	3693.5
40°	7005.0	5778.5	4552.2	4095.7	3639.3	3525.4	3447.7	3409.2	3370.6	3406.2	3441.7
42.5°	7048.2	5661.5	4275.2	3866.5	3457.9	3353.0	3255.1	3204.0	3152.9	3181.9	3211.0
45°	7124.2	5552.7	3981.4	3623.1	3264.6	3158.2	3063.5	3013.7	2964.2	2988.4	3013.1
47.5°	7176.3	5462.8	3749.4	3430.5	3111.4	2974.1	2892.7	2850.9	2809.2	2832.2	2855.0
50°	7142.2	5365.0	3587.7	3302.6	3017.4	2836.9	2742.2	2705.2	2668.4	2704.1	2740.0
52.5°	6932.6	5199.6	3466.9	3218.3	2969.9	2762.4	2630.0	2593.5	2557.1	2610.9	2664.5
55°	6499.5	4925.5	3351.5	3157.2	2962.9	2769.9	2570.4	2512.6	2454.9	2531.2	2607.5
57.5°	5855.7	4539.0	3222.1	3084.8	2947.6	2777.3	2534.7	2450.4	2366.1	2448.3	2530.4
60°	4992.4	4037.2	3082.1	2974.1	2866.3	2753.9	2501.1	2391.8	2282.5	2354.6	2426.6
62.5°	4019.7	3436.6	2853.5	2781.7	2710.3	2696.5	2461.9	2325.3	2188.9	2234.6	2280.4
65°	3168.5	2896.2	2624.1	2590.3	2556.4	2558.1	2379.3	2234.2	2088.8	2106.5	2123.9
67.5°	2454.3	2377.0	2299.5	2318.4	2337.2	2332.5	2232.0	2111.2	1990.3	1984.8	1979.3
70°	1858.9	1881.1	1903.0	1990.8	2078.2	2078.2	2045.2	1959.2	1873.3	1854.1	1835.0
72.5°	1434.0	1500.6	1567.4	1691.7	1815.8	1836.6	1837.1	1778.1	1719.1	1691.0	1663.2
75°	1113.5	1173.9	1234.4	1373.5	1512.7	1608.9	1600.8	1555.5	1509.9	1483.2	1456.1
77.5°	857.2	898.3	939.6	1074.7	1209.9	1368.5	1364.2	1327.8	1291.4	1264.1	1236.9
80°	642.7	659.8	676.8	791.3	905.6	1095.0	1094.3	1063.8	1033.2	1010.4	987.5
82.5°	459.3	462.3	465.7	549.9	634.2	795.9	804.9	790.0	775.1	758.9	742.7
85°	277.8	276.2	274.5	336.3	398.0	518.2	529.9	513.9	498.0	479.9	461.9
87.5°	121.8	120.2	118.8	143.9	169.2	219.2	234.1	227.8	221.3	217.9	214.5
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: P971011

CATALOG NUMBER: NAV-SB6C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5301.1	5269.0	5236.6	5204.5	5179.6	5154.5	5134.3	5114.0	5098.3	5082.6	5068.1
5°	5099.2	5042.2	4990.4	4938.4	4898.7	4858.7	4830.8	4802.9	4783.2	4763.4	4748.2
7.5°	4975.3	4903.4	4839.9	4776.7	4729.2	4682.1	4648.9	4615.7	4592.9	4570.3	4556.7
10°	4967.0	4889.6	4818.2	4747.0	4690.3	4633.5	4596.5	4559.0	4537.6	4516.0	4504.6
12.5°	5091.1	5030.6	4956.8	4883.2	4810.8	4738.5	4690.6	4642.6	4618.6	4594.8	4585.0
15°	5311.1	5295.4	5231.3	5167.2	5064.3	4961.3	4888.5	4815.7	4782.2	4749.1	4736.3
17.5°	5523.5	5572.7	5521.0	5469.5	5333.1	5196.6	5089.4	4982.1	4932.7	4883.2	4867.0
20°	5602.4	5705.7	5681.9	5657.8	5501.8	5346.1	5214.5	5083.2	5020.0	4956.6	4936.4
22.5°	5492.7	5626.9	5641.4	5655.7	5506.7	5357.8	5222.4	5086.9	5020.2	4953.4	4931.1
25°	5237.8	5369.9	5419.3	5468.4	5346.3	5224.3	5103.9	4983.9	4925.9	4868.2	4847.2
27.5°	4926.8	5032.8	5087.7	5142.8	5055.7	4968.9	4875.5	4782.0	4743.3	4704.4	4694.8
30°	4622.6	4710.8	4755.5	4800.2	4734.0	4667.5	4600.7	4533.5	4513.7	4493.7	4493.7
32.5°	4329.0	4413.4	4463.1	4512.9	4452.0	4390.9	4337.5	4284.1	4271.1	4258.2	4259.8
35°	4046.2	4129.8	4189.4	4248.9	4205.6	4162.3	4112.9	4063.8	4044.0	4024.5	4020.2
37.5°	3776.7	3860.2	3933.7	4007.4	3987.4	3967.4	3922.1	3876.6	3840.6	3804.8	3785.8
40°	3522.2	3602.7	3687.3	3772.2	3777.1	3781.8	3743.3	3704.8	3652.4	3600.5	3565.2
42.5°	3287.2	3363.6	3455.2	3546.6	3571.1	3595.6	3563.0	3530.7	3465.7	3400.8	3349.6
45°	3085.5	3157.8	3252.7	3347.6	3382.8	3417.9	3388.5	3359.3	3285.1	3211.0	3150.8
47.5°	2925.9	2996.5	3090.2	3183.8	3224.2	3264.6	3244.2	3223.8	3157.8	3091.8	3036.0
50°	2806.9	2873.5	2957.3	3041.2	3093.1	3145.0	3143.8	3143.0	3090.2	3037.4	2985.8
52.5°	2725.8	2786.9	2865.0	2943.3	3004.8	3066.3	3077.4	3088.4	3045.5	3002.4	2956.3
55°	2673.4	2739.4	2808.0	2876.3	2941.3	3006.7	3022.0	3037.4	2999.9	2962.5	2922.1
57.5°	2607.9	2685.4	2753.0	2820.9	2886.7	2952.2	2967.8	2983.4	2945.4	2907.5	2867.5
60°	2515.6	2604.5	2673.2	2742.2	2808.2	2874.1	2891.1	2908.2	2871.1	2834.3	2793.0
62.5°	2384.0	2487.9	2561.3	2634.8	2695.1	2755.6	2772.0	2788.4	2755.0	2721.6	2678.1
65°	2235.0	2346.3	2416.5	2486.9	2540.1	2593.2	2610.1	2626.7	2594.5	2562.4	2520.2
67.5°	2081.8	2184.6	2251.2	2317.6	2363.5	2409.6	2426.0	2442.1	2412.5	2383.1	2344.0
70°	1925.2	2015.5	2072.9	2130.4	2171.9	2213.3	2229.1	2244.9	2220.8	2196.8	2159.3
72.5°	1734.3	1805.1	1857.1	1909.0	1949.7	1990.3	2009.0	2027.8	2007.8	1987.8	1952.0
75°	1508.9	1561.7	1608.7	1655.8	1692.8	1729.8	1749.4	1768.9	1759.2	1749.4	1719.3
77.5°	1279.9	1322.7	1363.1	1403.5	1442.5	1481.2	1499.6	1517.8	1504.2	1490.1	1459.9
80°	1023.3	1058.8	1092.9	1126.9	1156.5	1185.8	1210.1	1234.4	1228.4	1222.6	1182.0
82.5°	739.7	736.8	724.9	713.0	775.9	839.0	880.3	921.5	918.9	916.1	881.9
85°	446.5	430.9	398.0	365.0	423.9	483.1	534.2	585.3	581.0	576.8	549.9
87.5°	213.9	213.2	188.1	162.8	187.5	212.4	233.1	253.7	248.6	243.0	229.4
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: P971011

CATALOG NUMBER: NAV-SB6C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5053.5	5035.3	5053.5	5068.1	5082.6	5098.3	5114.0	5134.3	5154.5	5179.6	5204.5
5°	4733.1	4718.2	4733.1	4748.2	4763.4	4783.2	4802.9	4830.8	4858.7	4898.7	4938.4
7.5°	4543.3	4533.1	4543.3	4556.7	4570.3	4592.9	4615.7	4648.9	4682.1	4729.2	4776.7
10°	4493.1	4488.4	4493.1	4504.6	4516.0	4537.6	4559.0	4596.5	4633.5	4690.3	4747.0
12.5°	4575.2	4573.5	4575.2	4585.0	4594.8	4618.6	4642.6	4690.6	4738.5	4810.8	4883.2
15°	4723.5	4722.5	4723.5	4736.3	4749.1	4782.2	4815.7	4888.5	4961.3	5064.3	5167.2
17.5°	4850.6	4848.0	4850.6	4867.0	4883.2	4932.7	4982.1	5089.4	5196.6	5333.1	5469.5
20°	4916.1	4909.8	4916.1	4936.4	4956.6	5020.0	5083.2	5214.5	5346.1	5501.8	5657.8
22.5°	4908.7	4899.1	4908.7	4931.1	4953.4	5020.2	5086.9	5222.4	5357.8	5506.7	5655.7
25°	4826.3	4814.0	4826.3	4847.2	4868.2	4925.9	4983.9	5103.9	5224.3	5346.3	5468.4
27.5°	4685.3	4682.1	4685.3	4694.8	4704.4	4743.3	4782.0	4875.5	4968.9	5055.7	5142.8
30°	4493.7	4496.9	4493.7	4493.7	4493.7	4513.7	4533.5	4600.7	4667.5	4734.0	4800.2
32.5°	4261.7	4264.9	4261.7	4259.8	4258.2	4271.1	4284.1	4337.5	4390.9	4452.0	4512.9
35°	4016.0	4013.8	4016.0	4020.2	4024.5	4044.0	4063.8	4112.9	4162.3	4205.6	4248.9
37.5°	3766.9	3756.3	3766.9	3785.8	3804.8	3840.6	3876.6	3922.1	3967.4	3987.4	4007.4
40°	3530.3	3509.4	3530.3	3565.2	3600.5	3652.4	3704.8	3743.3	3781.8	3777.1	3772.2
42.5°	3298.2	3264.6	3298.2	3349.6	3400.8	3465.7	3530.7	3563.0	3595.6	3571.1	3546.6
45°	3090.6	3051.8	3090.6	3150.8	3211.0	3285.1	3359.3	3388.5	3417.9	3382.8	3347.6
47.5°	2980.6	2943.3	2980.6	3036.0	3091.8	3157.8	3223.8	3244.2	3264.6	3224.2	3183.8
50°	2934.4	2898.6	2934.4	2985.8	3037.4	3090.2	3143.0	3143.8	3145.0	3093.1	3041.2
52.5°	2910.3	2877.4	2910.3	2956.3	3002.4	3045.5	3088.4	3077.4	3066.3	3004.8	2943.3
55°	2881.6	2851.8	2881.6	2922.1	2962.5	2999.9	3037.4	3022.0	3006.7	2941.3	2876.3
57.5°	2827.4	2796.5	2827.4	2867.5	2907.5	2945.4	2983.4	2967.8	2952.2	2886.7	2820.9
60°	2751.8	2719.8	2751.8	2793.0	2834.3	2871.1	2908.2	2891.1	2874.1	2808.2	2742.2
62.5°	2634.8	2596.4	2634.8	2678.1	2721.6	2755.0	2788.4	2772.0	2755.6	2695.1	2634.8
65°	2478.2	2445.3	2478.2	2520.2	2562.4	2594.5	2626.7	2610.1	2593.2	2540.1	2486.9
67.5°	2304.8	2275.1	2304.8	2344.0	2383.1	2412.5	2442.1	2426.0	2409.6	2363.5	2317.6
70°	2121.9	2087.7	2121.9	2159.3	2196.8	2220.8	2244.9	2229.1	2213.3	2171.9	2130.4
72.5°	1916.4	1883.4	1916.4	1952.0	1987.8	2007.8	2027.8	2009.0	1990.3	1949.7	1909.0
75°	1689.4	1657.8	1689.4	1719.3	1749.4	1759.2	1768.9	1749.4	1729.8	1692.8	1655.8
77.5°	1429.8	1404.7	1429.8	1459.9	1490.1	1504.2	1517.8	1499.6	1481.2	1442.5	1403.5
80°	1141.1	1093.9	1141.1	1182.0	1222.6	1228.4	1234.4	1210.1	1185.8	1156.5	1126.9
82.5°	847.5	817.2	847.5	881.9	916.1	918.9	921.5	880.3	839.0	775.9	713.0
85°	523.2	495.9	523.2	549.9	576.8	581.0	585.3	534.2	483.1	423.9	365.0
87.5°	215.4	202.1	215.4	229.4	243.0	248.6	253.7	233.1	212.4	187.5	162.8
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: P971011

CATALOG NUMBER: NAV-SB6C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5236.6	5269.0	5301.1	5333.3	5369.9	5406.7	5447.4	5488.3	5538.7	5584.0	5630.8
5°	4990.4	5042.2	5099.2	5156.2	5220.7	5285.4	5362.6	5439.7	5528.0	5617.4	5712.1
7.5°	4839.9	4903.4	4975.3	5047.0	5132.2	5217.2	5319.6	5422.2	5536.5	5658.5	5790.6
10°	4818.2	4889.6	4967.0	5044.2	5129.4	5214.5	5322.6	5430.8	5553.6	5704.0	5860.6
12.5°	4956.8	5030.6	5091.1	5152.0	5208.1	5264.7	5352.9	5441.4	5555.7	5713.8	5890.7
15°	5231.3	5295.4	5311.1	5326.9	5319.2	5311.5	5353.7	5396.0	5487.5	5662.7	5867.4
17.5°	5521.0	5572.7	5523.5	5474.1	5381.4	5288.6	5273.2	5257.7	5314.1	5520.1	5766.3
20°	5681.9	5705.7	5602.4	5499.2	5338.0	5176.9	5104.5	5032.1	5047.0	5286.8	5592.1
22.5°	5641.4	5626.9	5492.7	5358.4	5174.1	4990.2	4883.2	4776.1	4747.0	5020.0	5387.5
25°	5419.3	5369.9	5237.8	5105.5	4940.0	4774.7	4651.1	4527.7	4449.0	4728.8	5159.2
27.5°	5087.7	5032.8	4926.8	4820.8	4685.1	4549.1	4429.8	4310.6	4214.9	4469.6	4950.4
30°	4755.5	4710.8	4622.6	4534.8	4422.0	4309.2	4214.3	4119.8	4044.6	4258.6	4775.9
32.5°	4463.1	4413.4	4329.0	4244.7	4154.4	4064.4	4008.5	3952.5	3919.1	4091.5	4625.4
35°	4189.4	4129.8	4046.2	3962.8	3894.2	3825.4	3809.9	3794.6	3808.4	3952.1	4477.5
37.5°	3933.7	3860.2	3776.7	3693.5	3644.3	3595.0	3612.0	3629.0	3679.6	3805.2	4303.5
40°	3687.3	3602.7	3522.2	3441.7	3406.2	3370.6	3409.2	3447.7	3525.4	3639.3	4095.7
42.5°	3455.2	3363.6	3287.2	3211.0	3181.9	3152.9	3204.0	3255.1	3353.0	3457.9	3866.5
45°	3252.7	3157.8	3085.5	3013.1	2988.4	2964.2	3013.7	3063.5	3158.2	3264.6	3623.1
47.5°	3090.2	2996.5	2925.9	2855.0	2832.2	2809.2	2850.9	2892.7	2974.1	3111.4	3430.5
50°	2957.3	2873.5	2806.9	2740.0	2704.1	2668.4	2705.2	2742.2	2836.9	3017.4	3302.6
52.5°	2865.0	2786.9	2725.8	2664.5	2610.9	2557.1	2593.5	2630.0	2762.4	2969.9	3218.3
55°	2808.0	2739.4	2673.4	2607.5	2531.2	2454.9	2512.6	2570.4	2769.9	2962.9	3157.2
57.5°	2753.0	2685.4	2607.9	2530.4	2448.3	2366.1	2450.4	2534.7	2777.3	2947.6	3084.8
60°	2673.2	2604.5	2515.6	2426.6	2354.6	2282.5	2391.8	2501.1	2753.9	2866.3	2974.1
62.5°	2561.3	2487.9	2384.0	2280.4	2234.6	2188.9	2325.3	2461.9	2696.5	2710.3	2781.7
65°	2416.5	2346.3	2235.0	2123.9	2106.5	2088.8	2234.2	2379.3	2558.1	2556.4	2590.3
67.5°	2251.2	2184.6	2081.8	1979.3	1984.8	1990.3	2111.2	2232.0	2332.5	2337.2	2318.4
70°	2072.9	2015.5	1925.2	1835.0	1854.1	1873.3	1959.2	2045.2	2078.2	2078.2	1990.8
72.5°	1857.1	1805.1	1734.3	1663.2	1691.0	1719.1	1778.1	1837.1	1836.6	1815.8	1691.7
75°	1608.7	1561.7	1508.9	1456.1	1483.2	1509.9	1555.5	1600.8	1608.9	1512.7	1373.5
77.5°	1363.1	1322.7	1279.9	1236.9	1264.1	1291.4	1327.8	1364.2	1368.5	1209.9	1074.7
80°	1092.9	1058.8	1023.3	987.5	1010.4	1033.2	1063.8	1094.3	1095.0	905.6	791.3
82.5°	724.9	736.8	739.7	742.7	758.9	775.1	790.0	804.9	795.9	634.2	549.9
85°	398.0	430.9	446.5	461.9	479.9	498.0	513.9	529.9	518.2	398.0	336.3
87.5°	188.1	213.2	213.9	214.5	217.9	221.3	227.8	234.1	219.2	169.2	143.9
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: P971011

CATALOG NUMBER: NAV-SB6C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1	5546.1
2.5°	5677.6	5726.6	5775.6	5824.0	5872.7	5918.6	5964.3
5°	5806.8	5908.1	6009.6	6110.3	6211.2	6312.3	6413.3
7.5°	5922.8	6072.8	6222.9	6376.9	6531.0	6697.7	6864.5
10°	6016.9	6199.2	6381.4	6584.9	6788.6	6999.4	7210.4
12.5°	6067.5	6282.4	6497.4	6728.1	6958.8	7190.4	7422.1
15°	6072.2	6319.7	6567.2	6817.5	7067.8	7309.3	7550.9
17.5°	6012.6	6300.0	6587.3	6860.2	7133.3	7378.3	7623.2
20°	5897.2	6245.4	6593.6	6893.6	7193.8	7448.5	7703.1
22.5°	5755.1	6178.6	6602.1	6938.8	7275.2	7535.5	7795.6
25°	5589.7	6112.6	6635.7	7020.5	7405.1	7659.8	7914.7
27.5°	5431.2	6068.6	6706.0	7148.2	7590.2	7833.5	8076.5
30°	5293.3	6047.9	6802.2	7313.6	7825.0	8059.7	8294.7
32.5°	5159.2	6022.4	6885.1	7486.2	8087.1	8319.6	8552.2
35°	5003.0	5974.3	6946.0	7682.8	8419.6	8642.4	8865.0
37.5°	4801.6	5891.9	6982.2	7903.1	8823.9	9107.8	9391.8
40°	4552.2	5778.5	7005.0	8182.7	9360.3	9774.0	10187.7
42.5°	4275.2	5661.5	7048.2	8548.6	10049.0	10646.2	11243.3
45°	3981.4	5552.7	7124.2	9029.9	10935.7	11741.3	12546.8
47.5°	3749.4	5462.8	7176.3	9542.9	11909.5	13043.3	14177.0
50°	3587.7	5365.0	7142.2	10018.8	12895.2	14604.6	16313.7
52.5°	3466.9	5199.6	6932.6	10327.7	13722.7	16244.6	18766.5
55°	3351.5	4925.5	6499.5	10259.6	14019.5	17698.6	21377.8
57.5°	3222.1	4539.0	5855.7	9780.3	13705.2	18729.0	23752.8
60°	3082.1	4037.2	4992.4	8888.4	12784.5	18986.6	25188.4
62.5°	2853.5	3436.6	4019.7	7682.4	11345.0	17902.2	24459.5
65°	2624.1	2896.2	3168.5	6451.9	9735.4	16368.0	23000.6
67.5°	2299.5	2377.0	2454.3	5246.5	8038.7	14542.2	21045.8
70°	1903.0	1881.1	1858.9	4130.9	6402.7	12550.0	18697.3
72.5°	1567.4	1500.6	1434.0	3158.0	4882.1	10390.3	15898.8
75°	1234.4	1173.9	1113.5	2292.1	3470.6	7914.5	12358.4
77.5°	939.6	898.3	857.2	1553.2	2249.1	5539.5	8830.0
80°	676.8	659.8	642.7	1000.7	1358.8	3568.9	5779.2
82.5°	465.7	462.3	459.3	615.5	772.1	2065.7	3359.3
85°	274.5	276.2	277.8	329.0	380.5	929.2	1478.0
87.5°	118.8	120.2	121.8	136.4	151.1	304.3	457.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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