

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: P968872

Luminaire Tested: **NAV-SB5C-760-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P968872
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-SB5C-760-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(5) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40877 lumens
Efficiency: N/A
Efficacy: 163.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

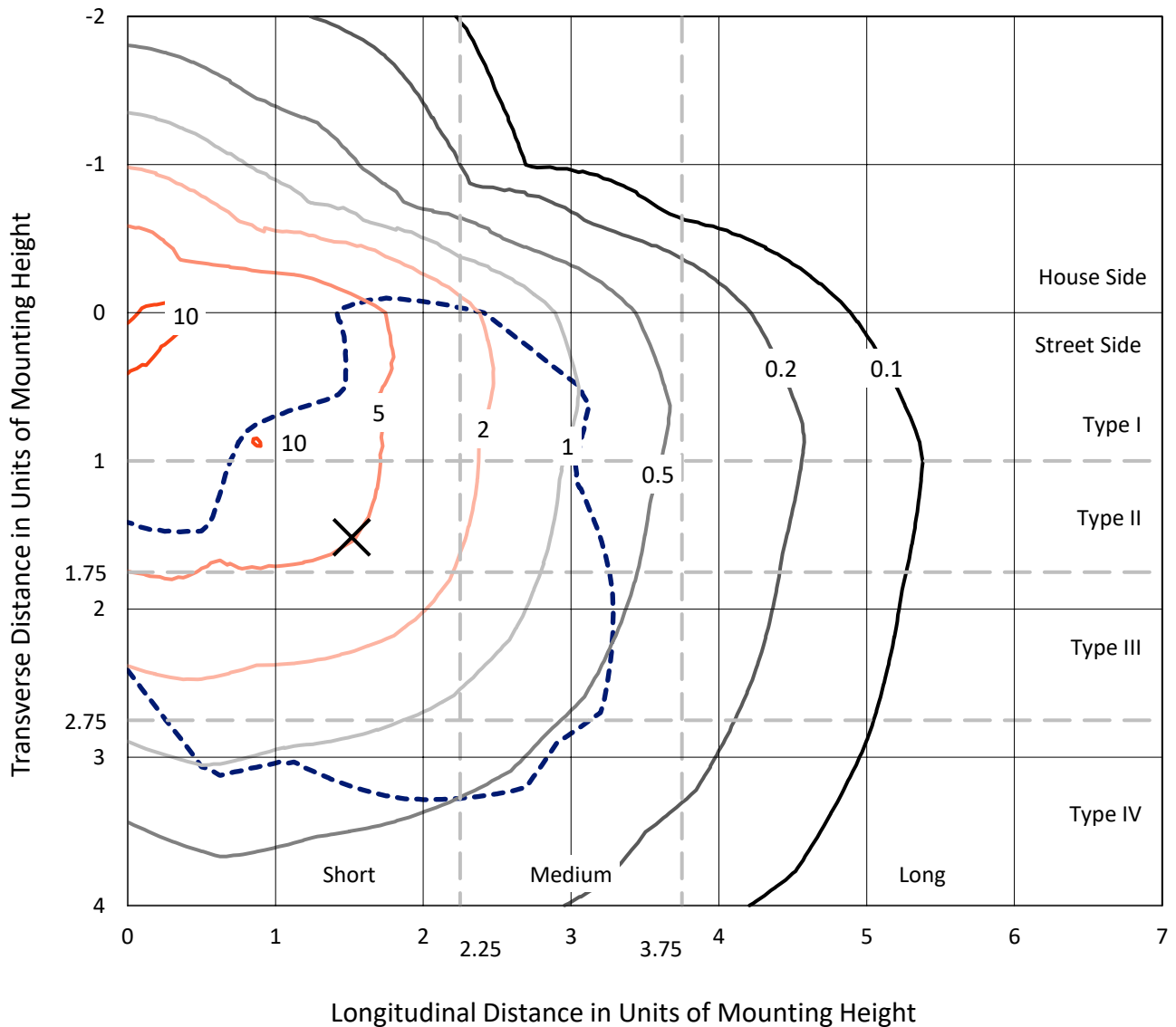
Input Watts (W): 249.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

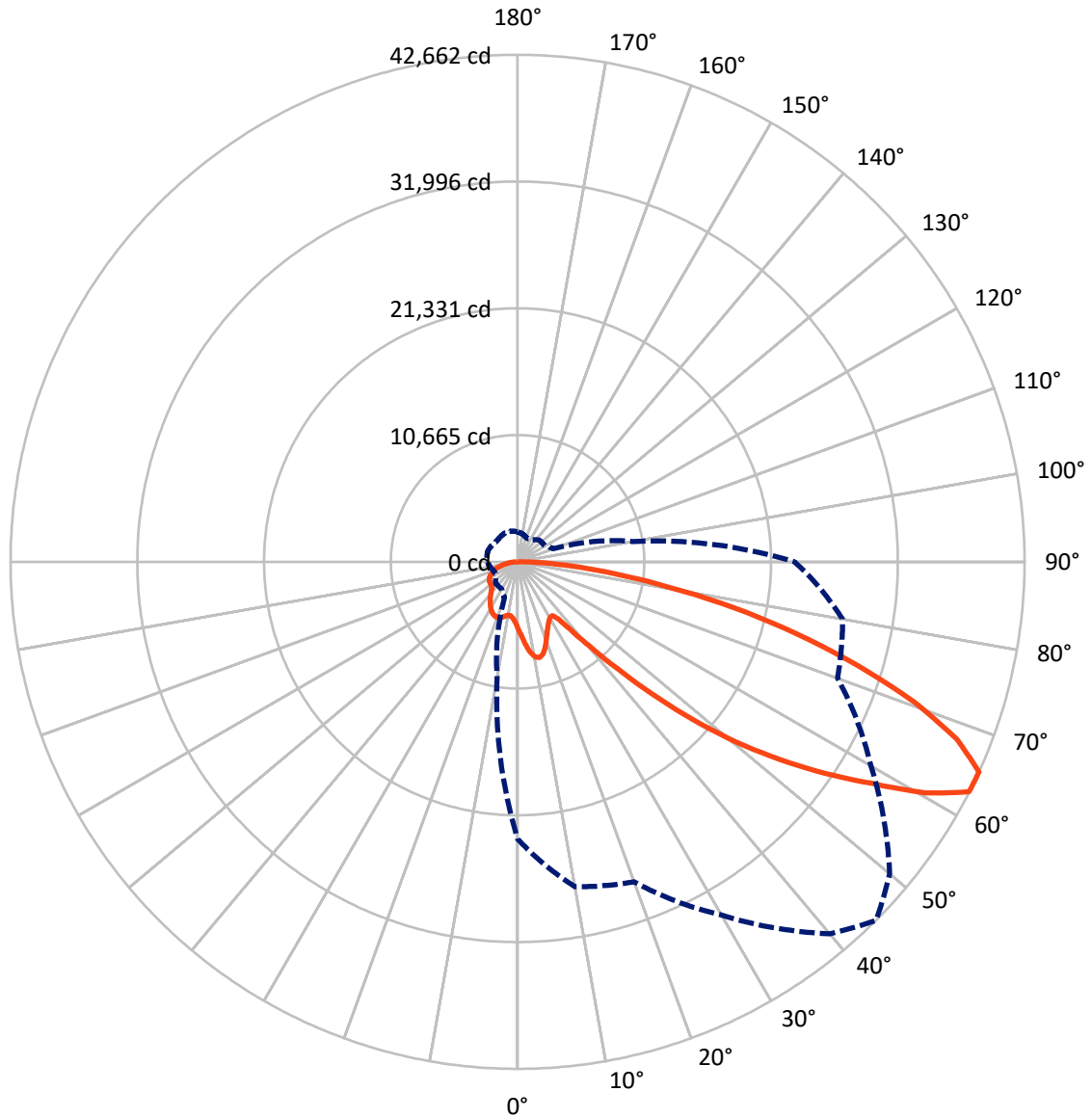
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 12.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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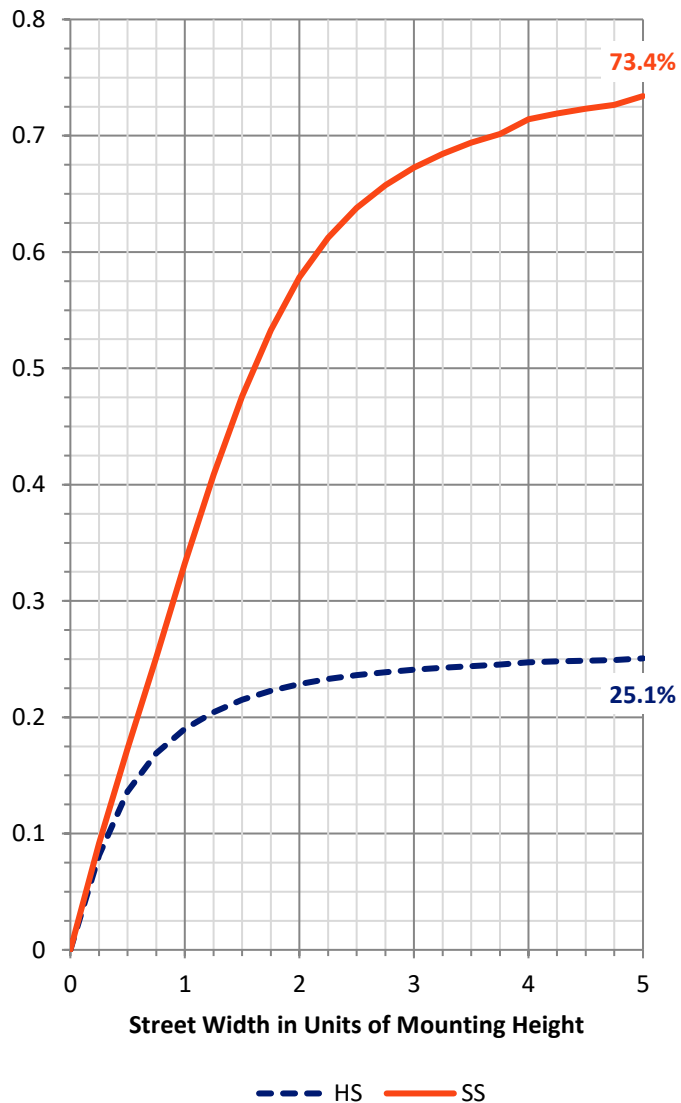
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10388.9	0.0	10388.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	30488.1	0.0	30488.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	40877.0	0.0	40877.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	557.6	1.4
10°-20°	1750.4	4.3
20°-30°	2703.8	6.6
30°-40°	3426.3	8.4
40°-50°	5167.8	12.6
50°-60°	8349.3	20.4
60°-70°	10408.8	25.5
70°-80°	6825.6	16.7
80°-90°	1687.4	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°	40877.0	100.0
0°-180°	40877.0	100.0

Coefficient of Utilization

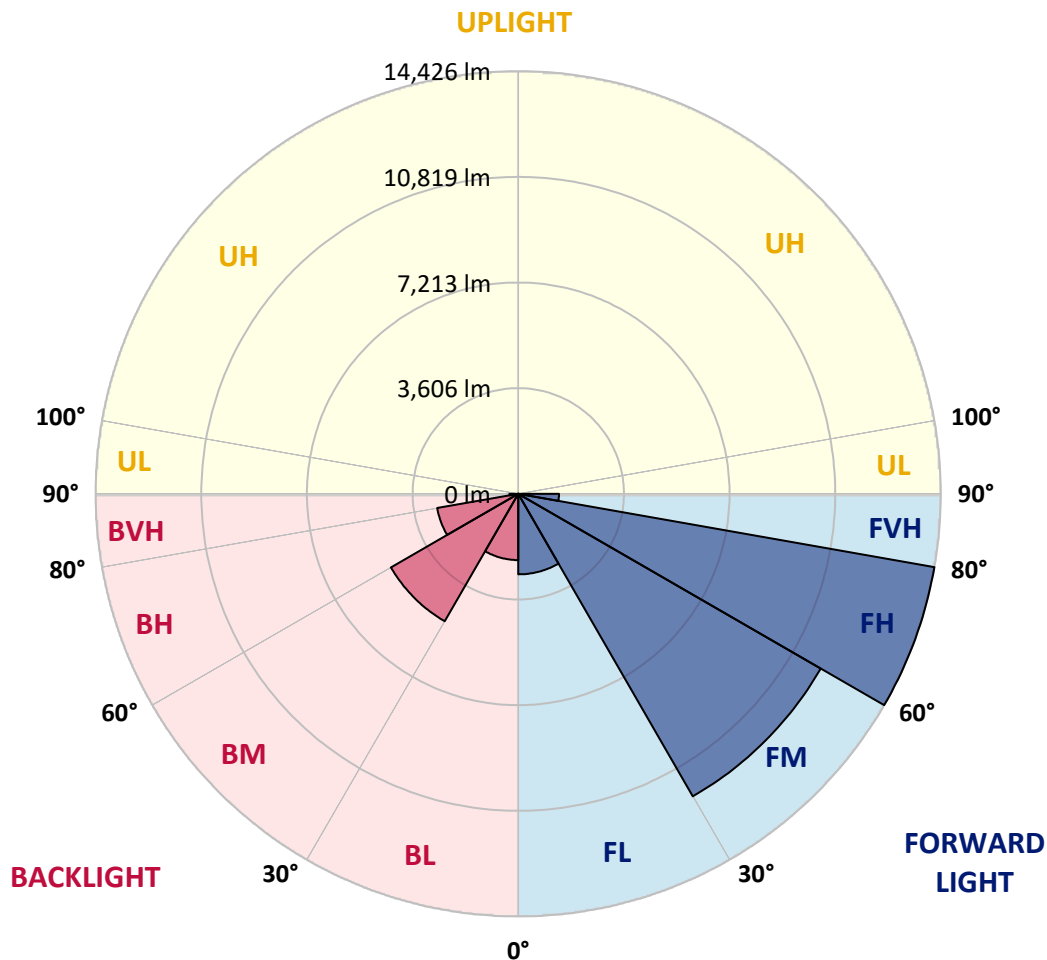


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2749.4	6.7			
FM (30°-60°)	11922.9	29.2			
FH (60°-80°)	14425.7	35.3			G5
FVH (80°-90°)	1390.1	3.4			G5
BL (0°-30°)	2262.3	5.5	B3/2500		
BM (30°-60°)	5020.5	12.3	B4/8500		
BH (60°-80°)	2808.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	297.4	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°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	6044.7	6067.6	6090.8	6123.2	6155.8	6175.3	6194.7	6204.4	6214.1	6209.8	6214.1
5°	6499.9	6579.9	6660.1	6739.5	6819.1	6862.3	6905.4	6931.5	6957.8	6977.7	6957.8
7.5°	6957.2	7087.5	7217.5	7334.6	7451.7	7522.3	7592.8	7631.0	7668.9	7687.3	7668.9
10°	7307.6	7461.7	7615.6	7753.1	7890.4	7973.7	8056.5	8093.6	8130.5	8144.5	8130.5
12.5°	7522.3	7689.2	7855.9	7980.1	8104.0	8164.4	8224.8	8245.1	8265.3	8267.4	8265.3
15°	7652.8	7796.9	7940.7	8018.6	8096.7	8098.8	8101.0	8079.4	8057.8	8032.4	8057.8
17.5°	7726.1	7823.4	7920.7	7922.1	7923.5	7836.1	7748.7	7668.7	7588.5	7532.0	7588.5
20°	7807.0	7840.8	7875.0	7772.5	7670.0	7477.2	7284.4	7143.9	7003.5	6917.2	7003.5
22.5°	7900.8	7856.4	7811.9	7599.7	7387.5	7103.9	6820.1	6644.7	6469.1	6373.7	6469.1
25°	8021.5	7881.4	7741.2	7418.9	7096.7	6752.3	6407.8	6223.2	6039.0	5948.8	6039.0
27.5°	8185.5	7934.9	7684.0	7257.2	6830.5	6448.8	6067.0	5885.3	5704.0	5618.7	5704.0
30°	8406.6	8032.8	7659.2	7133.8	6608.4	6210.7	5812.9	5644.5	5476.0	5396.6	5476.0
32.5°	8667.6	8155.7	7644.1	7049.6	6455.2	6081.4	5707.6	5575.4	5443.0	5385.9	5443.0
35°	8984.6	8358.3	7732.1	7112.7	6493.4	6233.7	5974.2	5943.4	5912.5	5907.8	5912.5
37.5°	9518.5	8781.7	8044.9	7481.9	6919.0	6902.1	6885.3	7026.4	7167.4	7240.8	7167.4
40°	10325.2	9523.9	8722.5	8303.9	7885.3	8180.7	8476.2	8819.2	9162.2	9333.0	9162.2
42.5°	11395.0	10599.9	9804.9	9563.8	9322.7	9967.1	10611.6	11235.4	11859.1	12225.5	11859.1
45°	12716.2	12001.9	11287.6	11181.3	11074.7	12107.2	13140.0	14165.0	15190.1	15812.4	15190.1
47.5°	14368.3	13673.6	12978.7	12957.0	12935.5	14425.0	15914.3	17414.8	18915.1	19796.2	18915.1
50°	16533.9	15675.6	14817.6	14821.3	14825.0	16744.6	18664.3	20644.9	22625.6	23823.3	22625.6
52.5°	19019.7	17980.6	16941.5	16836.5	16731.3	19024.3	21317.3	23768.0	26218.5	27653.9	26218.5
55°	21666.2	20639.6	19612.9	19203.3	18793.7	21345.7	23897.7	26819.1	29740.7	31447.9	29740.7
57.5°	24073.5	23514.3	22955.1	22133.4	21312.1	23889.0	26465.9	29775.0	33083.9	35201.0	33083.9
60°	25528.2	26396.6	27265.2	26245.0	25224.7	27663.4	30102.0	33645.0	37187.9	39476.0	37187.9
62.5°	24789.5	27162.3	29535.2	29420.2	29305.1	31538.9	33773.1	37144.0	40514.6	42629.4	40514.6
65°	23311.0	25538.0	27765.0	28205.6	28646.1	31485.0	34324.2	37592.8	40861.2	42661.7	40861.2
67.5°	21329.8	23447.9	25566.0	25772.6	25979.0	28937.1	31894.8	35177.5	38460.0	39870.8	38460.0
70°	18949.7	21253.5	23557.5	23649.8	23742.3	26387.6	29032.6	31857.5	34682.2	35466.2	34682.2
72.5°	16113.3	18757.0	21401.0	21467.4	21533.6	23603.2	25672.8	27788.5	29904.0	29983.4	29904.0
75°	12525.3	15261.5	17997.8	18243.5	18489.2	20099.3	21709.4	23198.8	24688.1	24289.1	24688.1
77.5°	8949.1	11503.3	14057.8	14409.3	14760.9	15985.0	17209.0	18265.3	19321.7	18635.8	19321.7
80°	5857.2	8006.1	10154.8	10591.7	11028.8	11953.2	12877.3	13432.0	13986.5	12883.3	13986.5
82.5°	3404.7	4873.8	6343.1	6831.2	7319.5	7955.8	8592.1	8823.5	9054.7	8187.7	9054.7
85°	1497.9	2277.8	3057.5	3472.6	3887.8	4410.7	4933.3	5064.6	5196.0	4501.5	5196.0
87.5°	463.7	725.8	987.9	1219.5	1451.2	1712.6	1974.0	1985.2	1996.2	1676.0	1996.2
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°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	6204.4	6194.7	6175.3	6155.8	6123.2	6090.8	6067.6	6044.7	5998.4	5952.1	5902.7
5°	6931.5	6905.4	6862.3	6819.1	6739.5	6660.1	6579.9	6499.9	6397.4	6294.9	6192.7
7.5°	7631.0	7592.8	7522.3	7451.7	7334.6	7217.5	7087.5	6957.2	6788.1	6619.1	6463.0
10°	8093.6	8056.5	7973.7	7890.4	7753.1	7615.6	7461.7	7307.6	7093.9	6880.1	6673.8
12.5°	8245.1	8224.8	8164.4	8104.0	7980.1	7855.9	7689.2	7522.3	7287.3	7052.7	6818.9
15°	8079.4	8101.0	8098.8	8096.7	8018.6	7940.7	7796.9	7652.8	7408.0	7163.1	6909.5
17.5°	7668.7	7748.7	7836.1	7923.5	7922.1	7920.7	7823.4	7726.1	7477.8	7229.5	6952.9
20°	7143.9	7284.4	7477.2	7670.0	7772.5	7875.0	7840.8	7807.0	7549.0	7290.8	6986.7
22.5°	6644.7	6820.1	7103.9	7387.5	7599.7	7811.9	7856.4	7900.8	7637.3	7373.4	7032.4
25°	6223.2	6407.8	6752.3	7096.7	7418.9	7741.2	7881.4	8021.5	7763.1	7505.0	7115.2
27.5°	5885.3	6067.0	6448.8	6830.5	7257.2	7684.0	7934.9	8185.5	7939.2	7692.6	7244.7
30°	5644.5	5812.9	6210.7	6608.4	7133.8	7659.2	8032.8	8406.6	8168.4	7930.5	7412.3
32.5°	5575.4	5707.6	6081.4	6455.2	7049.6	7644.1	8155.7	8667.6	8431.9	8196.3	7587.2
35°	5943.4	5974.2	6233.7	6493.4	7112.7	7732.1	8358.3	8984.6	8759.0	8533.2	7786.5
37.5°	7026.4	6885.3	6902.1	6919.0	7481.9	8044.9	8781.7	9518.5	9230.7	8943.0	8009.8
40°	8819.2	8476.2	8180.7	7885.3	8303.9	8722.5	9523.9	10325.2	9905.9	9486.6	8293.2
42.5°	11235.4	10611.6	9967.1	9322.7	9563.8	9804.9	10599.9	11395.0	10789.8	10184.6	8663.9
45°	14165.0	13140.0	12107.2	11074.7	11181.3	11287.6	12001.9	12716.2	11899.7	11083.3	9151.8
47.5°	17414.8	15914.3	14425.0	12935.5	12957.0	12978.7	13673.6	14368.3	13219.3	12070.1	9671.6
50°	20644.9	18664.3	16744.6	14825.0	14821.3	14817.6	15675.6	16533.9	14801.6	13069.3	10154.0
52.5°	23768.0	21317.3	19024.3	16731.3	16836.5	16941.5	17980.6	19019.7	16463.8	13907.8	10467.1
55°	26819.1	23897.7	21345.7	18793.7	19203.3	19612.9	20639.6	21666.2	17937.4	14208.8	10398.1
57.5°	29775.0	26465.9	23889.0	21312.1	22133.4	22955.1	23514.3	24073.5	18981.8	13890.2	9912.4
60°	33645.0	30102.0	27663.4	25224.7	26245.0	27265.2	26396.6	25528.2	19242.7	12957.0	9008.4
62.5°	37144.0	33773.1	31538.9	29305.1	29420.2	29535.2	27162.3	24789.5	18143.8	11498.1	7786.1
65°	37592.8	34324.2	31485.0	28646.1	28205.6	27765.0	25538.0	23311.0	16588.9	9866.9	6538.9
67.5°	35177.5	31894.8	28937.1	25979.0	25772.6	25566.0	23447.9	21329.8	14738.5	8147.1	5317.3
70°	31857.5	29032.6	26387.6	23742.3	23649.8	23557.5	21253.5	18949.7	12719.3	6489.1	4186.6
72.5°	27788.5	25672.8	23603.2	21533.6	21467.4	21401.0	18757.0	16113.3	10530.5	4948.0	3200.7
75°	23198.8	21709.4	20099.3	18489.2	18243.5	17997.8	15261.5	12525.3	8021.3	3517.5	2323.0
77.5°	18265.3	17209.0	15985.0	14760.9	14409.3	14057.8	11503.3	8949.1	5614.2	2279.4	1574.1
80°	13432.0	12877.3	11953.2	11028.8	10591.7	10154.8	8006.1	5857.2	3617.1	1377.2	1014.1
82.5°	8823.5	8592.1	7955.8	7319.5	6831.2	6343.1	4873.8	3404.7	2093.5	782.5	623.8
85°	5064.6	4933.3	4410.7	3887.8	3472.6	3057.5	2277.8	1497.9	941.7	385.7	333.4
87.5°	1985.2	1974.0	1712.6	1451.2	1219.5	987.9	725.8	463.7	308.4	153.1	138.3
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°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	5853.5	5803.9	5754.2	5706.8	5659.3	5613.4	5562.3	5520.9	5479.6	5442.3	5405.2
5°	6090.8	5987.8	5885.1	5789.2	5693.2	5602.6	5513.1	5435.1	5356.8	5291.2	5225.8
7.5°	6306.8	6154.8	6002.7	5868.7	5734.9	5611.3	5495.4	5391.4	5287.7	5201.5	5115.2
10°	6467.5	6282.9	6098.0	5939.8	5781.0	5628.5	5504.0	5394.5	5284.9	5198.6	5112.3
12.5°	6585.1	6367.2	6149.4	5970.1	5790.9	5630.6	5514.8	5425.1	5335.8	5278.4	5221.5
15°	6655.8	6405.0	6154.1	5946.6	5739.2	5561.6	5468.9	5425.9	5383.2	5391.0	5398.8
17.5°	6676.1	6384.9	6093.7	5844.1	5594.7	5385.9	5328.7	5344.5	5359.9	5454.0	5548.0
20°	6682.6	6329.7	5976.9	5667.5	5358.2	5115.2	5100.1	5173.4	5246.7	5410.0	5573.4
22.5°	6691.2	6261.9	5832.8	5460.3	5087.8	4811.0	4840.6	4949.0	5057.6	5243.9	5430.7
25°	6725.3	6195.1	5665.2	5228.8	4792.7	4509.1	4588.8	4714.0	4839.0	5006.6	5174.5
27.5°	6796.5	6150.5	5504.5	5017.2	4530.0	4271.8	4368.9	4489.6	4610.4	4748.2	4885.9
30°	6893.9	6129.5	5364.7	4840.4	4316.0	4099.2	4175.3	4271.2	4367.3	4481.6	4596.0
32.5°	6978.1	6103.7	5228.8	4687.8	4146.6	3972.0	4005.8	4062.6	4119.3	4210.5	4302.0
35°	7039.8	6054.9	5070.5	4538.0	4005.4	3859.8	3845.8	3861.3	3877.1	3946.8	4016.2
37.5°	7076.4	5971.4	4866.5	4361.5	3856.6	3729.4	3678.0	3660.7	3643.5	3693.5	3743.3
40°	7099.6	5856.4	4613.6	4151.0	3688.4	3572.9	3494.2	3455.2	3416.1	3452.2	3488.2
42.5°	7143.3	5737.8	4332.8	3918.7	3504.6	3398.2	3299.0	3247.2	3195.4	3224.9	3254.4
45°	7220.3	5627.7	4035.2	3672.0	3308.7	3200.9	3104.9	3054.4	3004.2	3028.8	3053.8
47.5°	7273.1	5536.6	3800.1	3476.7	3153.4	3014.3	2931.7	2889.4	2847.1	2870.4	2893.5
50°	7238.7	5437.4	3636.2	3347.1	3058.1	2875.2	2779.2	2741.7	2704.4	2740.5	2777.0
52.5°	7026.2	5269.8	3513.6	3261.7	3010.0	2799.7	2665.5	2628.4	2591.5	2646.1	2700.5
55°	6587.3	4992.0	3396.7	3199.8	3002.8	2807.3	2605.1	2546.5	2488.0	2565.5	2642.7
57.5°	5934.7	4600.3	3265.5	3126.5	2987.4	2814.8	2568.9	2483.5	2398.1	2481.3	2564.5
60°	5059.7	4091.7	3123.7	3014.3	2905.0	2791.1	2534.8	2424.1	2313.3	2386.4	2459.3
62.5°	4074.0	3483.0	2892.0	2819.3	2746.8	2732.9	2495.2	2356.7	2218.4	2264.7	2311.2
65°	3211.2	2935.4	2659.5	2625.2	2590.9	2592.6	2411.4	2264.3	2117.0	2135.0	2152.6
67.5°	2487.4	2409.1	2330.5	2349.7	2368.8	2364.0	2262.2	2139.7	2017.2	2011.6	2005.9
70°	1884.1	1906.5	1928.7	2017.6	2106.3	2106.3	2072.8	1985.6	1898.5	1879.1	1859.7
72.5°	1453.3	1520.9	1588.5	1714.5	1840.3	1861.4	1861.8	1802.2	1742.4	1713.9	1685.6
75°	1128.5	1189.7	1251.0	1392.1	1533.1	1630.7	1622.5	1576.4	1530.3	1503.2	1475.8
77.5°	868.8	910.4	952.3	1089.3	1226.2	1386.9	1382.6	1345.7	1308.8	1281.2	1253.6
80°	651.4	668.6	685.9	802.0	917.8	1109.8	1109.0	1078.2	1047.1	1024.1	1000.8
82.5°	465.5	468.5	471.9	557.4	642.8	806.7	815.8	800.6	785.6	769.2	752.8
85°	281.5	279.9	278.3	340.8	403.3	525.2	537.1	520.9	504.7	486.4	468.0
87.5°	123.4	121.9	120.3	145.9	171.5	222.1	237.3	230.8	224.3	220.9	217.4
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: P968872
 CATALOG NUMBER: NAV-SB5C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	5372.6	5340.1	5307.3	5274.8	5249.5	5224.0	5203.6	5183.1	5167.1	5151.1	5136.5
5°	5167.9	5110.1	5057.8	5005.2	4964.8	4924.2	4896.0	4867.7	4847.6	4827.6	4812.3
7.5°	5042.5	4969.5	4905.2	4841.2	4793.1	4745.2	4711.6	4677.9	4654.8	4632.0	4618.1
10°	5034.1	4955.6	4883.3	4811.0	4753.6	4696.0	4658.5	4620.6	4598.8	4577.0	4565.3
12.5°	5159.7	5098.6	5023.7	4949.0	4875.7	4802.4	4753.8	4705.4	4681.0	4656.8	4646.8
15°	5382.8	5366.9	5301.9	5237.0	5132.6	5028.2	4954.4	4880.6	4846.8	4813.2	4800.3
17.5°	5598.0	5647.9	5595.5	5543.3	5405.0	5266.8	5158.1	5049.4	4999.3	4949.0	4932.7
20°	5678.1	5782.7	5758.6	5734.2	5576.1	5418.2	5284.9	5151.9	5087.8	5023.4	5003.0
22.5°	5566.8	5702.9	5717.6	5732.0	5581.0	5430.0	5292.9	5155.4	5088.0	5020.2	4997.6
25°	5308.4	5442.3	5492.4	5542.2	5418.4	5294.8	5172.8	5051.1	4992.4	4933.9	4912.6
27.5°	4993.3	5100.7	5156.4	5212.2	5124.0	5036.0	4941.3	4846.6	4807.4	4767.9	4758.2
30°	4685.1	4774.3	4819.7	4865.0	4797.8	4730.6	4662.8	4594.7	4574.6	4554.4	4554.4
32.5°	4387.4	4473.0	4523.3	4573.8	4512.0	4450.1	4396.0	4341.9	4328.7	4315.6	4317.3
35°	4100.7	4185.5	4245.9	4306.3	4262.3	4218.5	4168.5	4118.7	4098.6	4078.8	4074.4
37.5°	3827.7	3912.2	3986.8	4061.5	4041.2	4021.0	3975.0	3928.8	3892.3	3856.2	3837.0
40°	3569.7	3651.3	3737.0	3823.1	3828.1	3832.9	3793.8	3754.8	3701.7	3649.1	3613.2
42.5°	3331.6	3409.0	3501.8	3594.5	3619.3	3644.1	3611.1	3578.4	3512.6	3446.8	3394.8
45°	3127.1	3200.5	3296.6	3392.9	3428.4	3464.0	3434.3	3404.7	3329.4	3254.4	3193.3
47.5°	2965.3	3037.0	3131.9	3226.8	3267.7	3308.7	3288.0	3267.3	3200.5	3133.5	3077.0
50°	2844.8	2912.2	2997.3	3082.3	3134.9	3187.5	3186.2	3185.4	3131.9	3078.4	3026.2
52.5°	2762.6	2824.5	2903.6	2983.1	3045.4	3107.7	3118.9	3130.1	3086.6	3043.0	2996.2
55°	2709.5	2776.4	2845.8	2915.1	2981.1	3047.3	3062.8	3078.4	3040.4	3002.4	2961.4
57.5°	2643.1	2721.6	2790.2	2859.0	2925.7	2992.1	3007.9	3023.5	2985.2	2946.8	2906.3
60°	2549.5	2639.7	2709.3	2779.2	2846.0	2912.9	2930.2	2947.4	2909.9	2872.6	2830.7
62.5°	2416.2	2521.4	2595.8	2670.2	2731.5	2792.8	2809.4	2826.0	2792.1	2758.3	2714.3
65°	2265.2	2378.0	2449.1	2520.4	2574.3	2628.2	2645.2	2662.0	2629.5	2596.9	2554.2
67.5°	2109.9	2214.1	2281.5	2348.9	2395.5	2442.1	2458.7	2475.1	2445.1	2415.3	2375.6
70°	1951.2	2042.6	2100.8	2159.1	2201.2	2243.2	2259.2	2275.1	2250.8	2226.4	2188.4
72.5°	1757.7	1829.5	1882.1	1934.8	1976.0	2017.2	2036.2	2055.1	2034.8	2014.5	1978.4
75°	1529.3	1582.7	1630.5	1678.1	1715.6	1753.2	1772.9	1792.8	1782.9	1772.9	1742.6
77.5°	1297.1	1340.5	1381.5	1422.5	1462.0	1501.2	1519.8	1538.3	1524.5	1510.2	1479.7
80°	1037.1	1073.1	1107.6	1142.1	1172.1	1201.8	1226.4	1251.0	1245.0	1239.1	1197.9
82.5°	749.8	746.7	734.6	722.5	786.4	850.2	892.1	934.0	931.3	928.5	893.8
85°	452.5	436.8	403.3	369.9	429.7	489.6	541.4	593.2	588.9	584.6	557.4
87.5°	216.8	216.2	190.6	165.0	190.0	215.2	236.2	257.1	251.9	246.3	232.5
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: P968872
 CATALOG NUMBER: NAV-SB5C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	5121.6	5103.3	5121.6	5136.5	5151.1	5167.1	5183.1	5203.6	5224.0	5249.5	5274.8
5°	4797.0	4781.9	4797.0	4812.3	4827.6	4847.6	4867.7	4896.0	4924.2	4964.8	5005.2
7.5°	4604.6	4594.3	4604.6	4618.1	4632.0	4654.8	4677.9	4711.6	4745.2	4793.1	4841.2
10°	4553.7	4549.0	4553.7	4565.3	4577.0	4598.8	4620.6	4658.5	4696.0	4753.6	4811.0
12.5°	4637.0	4635.3	4637.0	4646.8	4656.8	4681.0	4705.4	4753.8	4802.4	4875.7	4949.0
15°	4787.3	4786.2	4787.3	4800.3	4813.2	4846.8	4880.6	4954.4	5028.2	5132.6	5237.0
17.5°	4916.1	4913.4	4916.1	4932.7	4949.0	4999.3	5049.4	5158.1	5266.8	5405.0	5543.3
20°	4982.5	4976.1	4982.5	5003.0	5023.4	5087.8	5151.9	5284.9	5418.2	5576.1	5734.2
22.5°	4974.9	4965.2	4974.9	4997.6	5020.2	5088.0	5155.4	5292.9	5430.0	5581.0	5732.0
25°	4891.5	4879.0	4891.5	4912.6	4933.9	4992.4	5051.1	5172.8	5294.8	5418.4	5542.2
27.5°	4748.4	4745.2	4748.4	4758.2	4767.9	4807.4	4846.6	4941.3	5036.0	5124.0	5212.2
30°	4554.4	4557.6	4554.4	4554.4	4554.4	4574.6	4594.7	4662.8	4730.6	4797.8	4865.0
32.5°	4319.2	4322.4	4319.2	4317.3	4315.6	4328.7	4341.9	4396.0	4450.1	4512.0	4573.8
35°	4070.1	4067.9	4070.1	4074.4	4078.8	4098.6	4118.7	4168.5	4218.5	4262.3	4306.3
37.5°	3817.7	3807.0	3817.7	3837.0	3856.2	3892.3	3928.8	3975.0	4021.0	4041.2	4061.5
40°	3577.9	3556.7	3577.9	3613.2	3649.1	3701.7	3754.8	3793.8	3832.9	3828.1	3823.1
42.5°	3342.8	3308.7	3342.8	3394.8	3446.8	3512.6	3578.4	3611.1	3644.1	3619.3	3594.5
45°	3132.3	3093.0	3132.3	3193.3	3254.4	3329.4	3404.7	3434.3	3464.0	3428.4	3392.9
47.5°	3020.8	2983.1	3020.8	3077.0	3133.5	3200.5	3267.3	3288.0	3308.7	3267.7	3226.8
50°	2973.9	2937.8	2973.9	3026.2	3078.4	3131.9	3185.4	3186.2	3187.5	3134.9	3082.3
52.5°	2949.6	2916.1	2949.6	2996.2	3043.0	3086.6	3130.1	3118.9	3107.7	3045.4	2983.1
55°	2920.4	2890.3	2920.4	2961.4	3002.4	3040.4	3078.4	3062.8	3047.3	2981.1	2915.1
57.5°	2865.5	2834.2	2865.5	2906.3	2946.8	2985.2	3023.5	3007.9	2992.1	2925.7	2859.0
60°	2788.9	2756.5	2788.9	2830.7	2872.6	2909.9	2947.4	2930.2	2912.9	2846.0	2779.2
62.5°	2670.2	2631.5	2670.2	2714.3	2758.3	2792.1	2826.0	2809.4	2792.8	2731.5	2670.2
65°	2511.8	2478.3	2511.8	2554.2	2596.9	2629.5	2662.0	2645.2	2628.2	2574.3	2520.4
67.5°	2336.0	2305.7	2336.0	2375.6	2415.3	2445.1	2475.1	2458.7	2442.1	2395.5	2348.9
70°	2150.4	2115.9	2150.4	2188.4	2226.4	2250.8	2275.1	2259.2	2243.2	2201.2	2159.1
72.5°	1942.3	1908.9	1942.3	1978.4	2014.5	2034.8	2055.1	2036.2	2017.2	1976.0	1934.8
75°	1712.2	1680.3	1712.2	1742.6	1772.9	1782.9	1792.8	1772.9	1753.2	1715.6	1678.1
77.5°	1449.0	1423.5	1449.0	1479.7	1510.2	1524.5	1538.3	1519.8	1501.2	1462.0	1422.5
80°	1156.5	1108.6	1156.5	1197.9	1239.1	1245.0	1251.0	1226.4	1201.8	1172.1	1142.1
82.5°	858.8	828.3	858.8	893.8	928.5	931.3	934.0	892.1	850.2	786.4	722.5
85°	530.1	502.6	530.1	557.4	584.6	588.9	593.2	541.4	489.6	429.7	369.9
87.5°	218.3	204.9	218.3	232.5	246.3	251.9	257.1	236.2	215.2	190.0	165.0
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: P968872
 CATALOG NUMBER: NAV-SB5C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	5307.3	5340.1	5372.6	5405.2	5442.3	5479.6	5520.9	5562.3	5613.4	5659.3	5706.8
5°	5057.8	5110.1	5167.9	5225.8	5291.2	5356.8	5435.1	5513.1	5602.6	5693.2	5789.2
7.5°	4905.2	4969.5	5042.5	5115.2	5201.5	5287.7	5391.4	5495.4	5611.3	5734.9	5868.7
10°	4883.3	4955.6	5034.1	5112.3	5198.6	5284.9	5394.5	5504.0	5628.5	5781.0	5939.8
12.5°	5023.7	5098.6	5159.7	5221.5	5278.4	5335.8	5425.1	5514.8	5630.6	5790.9	5970.1
15°	5301.9	5366.9	5382.8	5398.8	5391.0	5383.2	5425.9	5468.9	5561.6	5739.2	5946.6
17.5°	5595.5	5647.9	5598.0	5548.0	5454.0	5359.9	5344.5	5328.7	5385.9	5594.7	5844.1
20°	5758.6	5782.7	5678.1	5573.4	5410.0	5246.7	5173.4	5100.1	5115.2	5358.2	5667.5
22.5°	5717.6	5702.9	5566.8	5430.7	5243.9	5057.6	4949.0	4840.6	4811.0	5087.8	5460.3
25°	5492.4	5442.3	5308.4	5174.5	5006.6	4839.0	4714.0	4588.8	4509.1	4792.7	5228.8
27.5°	5156.4	5100.7	4993.3	4885.9	4748.2	4610.4	4489.6	4368.9	4271.8	4530.0	5017.2
30°	4819.7	4774.3	4685.1	4596.0	4481.6	4367.3	4271.2	4175.3	4099.2	4316.0	4840.4
32.5°	4523.3	4473.0	4387.4	4302.0	4210.5	4119.3	4062.6	4005.8	3972.0	4146.6	4687.8
35°	4245.9	4185.5	4100.7	4016.2	3946.8	3877.1	3861.3	3845.8	3859.8	4005.4	4538.0
37.5°	3986.8	3912.2	3827.7	3743.3	3693.5	3643.5	3660.7	3678.0	3729.4	3856.6	4361.5
40°	3737.0	3651.3	3569.7	3488.2	3452.2	3416.1	3455.2	3494.2	3572.9	3688.4	4151.0
42.5°	3501.8	3409.0	3331.6	3254.4	3224.9	3195.4	3247.2	3299.0	3398.2	3504.6	3918.7
45°	3296.6	3200.5	3127.1	3053.8	3028.8	3004.2	3054.4	3104.9	3200.9	3308.7	3672.0
47.5°	3131.9	3037.0	2965.3	2893.5	2870.4	2847.1	2889.4	2931.7	3014.3	3153.4	3476.7
50°	2997.3	2912.2	2844.8	2777.0	2740.5	2704.4	2741.7	2779.2	2875.2	3058.1	3347.1
52.5°	2903.6	2824.5	2762.6	2700.5	2646.1	2591.5	2628.4	2665.5	2799.7	3010.0	3261.7
55°	2845.8	2776.4	2709.5	2642.7	2565.5	2488.0	2546.5	2605.1	2807.3	3002.8	3199.8
57.5°	2790.2	2721.6	2643.1	2564.5	2481.3	2398.1	2483.5	2568.9	2814.8	2987.4	3126.5
60°	2709.3	2639.7	2549.5	2459.3	2386.4	2313.3	2424.1	2534.8	2791.1	2905.0	3014.3
62.5°	2595.8	2521.4	2416.2	2311.2	2264.7	2218.4	2356.7	2495.2	2732.9	2746.8	2819.3
65°	2449.1	2378.0	2265.2	2152.6	2135.0	2117.0	2264.3	2411.4	2592.6	2590.9	2625.2
67.5°	2281.5	2214.1	2109.9	2005.9	2011.6	2017.2	2139.7	2262.2	2364.0	2368.8	2349.7
70°	2100.8	2042.6	1951.2	1859.7	1879.1	1898.5	1985.6	2072.8	2106.3	2106.3	2017.6
72.5°	1882.1	1829.5	1757.7	1685.6	1713.9	1742.4	1802.2	1861.8	1861.4	1840.3	1714.5
75°	1630.5	1582.7	1529.3	1475.8	1503.2	1530.3	1576.4	1622.5	1630.7	1533.1	1392.1
77.5°	1381.5	1340.5	1297.1	1253.6	1281.2	1308.8	1345.7	1382.6	1386.9	1226.2	1089.3
80°	1107.6	1073.1	1037.1	1000.8	1024.1	1047.1	1078.2	1109.0	1109.8	917.8	802.0
82.5°	734.6	746.7	749.8	752.8	769.2	785.6	800.6	815.8	806.7	642.8	557.4
85°	403.3	436.8	452.5	468.0	486.4	504.7	520.9	537.1	525.2	403.3	340.8
87.5°	190.6	216.2	216.8	217.4	220.9	224.3	230.8	237.3	222.1	171.5	145.9
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: P968872
 CATALOG NUMBER: NAV-SB5C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9	5620.9
2.5°	5754.2	5803.9	5853.5	5902.7	5952.1	5998.4	6044.7
5°	5885.1	5987.8	6090.8	6192.7	6294.9	6397.4	6499.9
7.5°	6002.7	6154.8	6306.8	6463.0	6619.1	6788.1	6957.2
10°	6098.0	6282.9	6467.5	6673.8	6880.1	7093.9	7307.6
12.5°	6149.4	6367.2	6585.1	6818.9	7052.7	7287.3	7522.3
15°	6154.1	6405.0	6655.8	6909.5	7163.1	7408.0	7652.8
17.5°	6093.7	6384.9	6676.1	6952.9	7229.5	7477.8	7726.1
20°	5976.9	6329.7	6682.6	6986.7	7290.8	7549.0	7807.0
22.5°	5832.8	6261.9	6691.2	7032.4	7373.4	7637.3	7900.8
25°	5665.2	6195.1	6725.3	7115.2	7505.0	7763.1	8021.5
27.5°	5504.5	6150.5	6796.5	7244.7	7692.6	7939.2	8185.5
30°	5364.7	6129.5	6893.9	7412.3	7930.5	8168.4	8406.6
32.5°	5228.8	6103.7	6978.1	7587.2	8196.3	8431.9	8667.6
35°	5070.5	6054.9	7039.8	7786.5	8533.2	8759.0	8984.6
37.5°	4866.5	5971.4	7076.4	8009.8	8943.0	9230.7	9518.5
40°	4613.6	5856.4	7099.6	8293.2	9486.6	9905.9	10325.2
42.5°	4332.8	5737.8	7143.3	8663.9	10184.6	10789.8	11395.0
45°	4035.2	5627.7	7220.3	9151.8	11083.3	11899.7	12716.2
47.5°	3800.1	5536.6	7273.1	9671.6	12070.1	13219.3	14368.3
50°	3636.2	5437.4	7238.7	10154.0	13069.3	14801.6	16533.9
52.5°	3513.6	5269.8	7026.2	10467.1	13907.8	16463.8	19019.7
55°	3396.7	4992.0	6587.3	10398.1	14208.8	17937.4	21666.2
57.5°	3265.5	4600.3	5934.7	9912.4	13890.2	18981.8	24073.5
60°	3123.7	4091.7	5059.7	9008.4	12957.0	19242.7	25528.2
62.5°	2892.0	3483.0	4074.0	7786.1	11498.1	18143.8	24789.5
65°	2659.5	2935.4	3211.2	6538.9	9866.9	16588.9	23311.0
67.5°	2330.5	2409.1	2487.4	5317.3	8147.1	14738.5	21329.8
70°	1928.7	1906.5	1884.1	4186.6	6489.1	12719.3	18949.7
72.5°	1588.5	1520.9	1453.3	3200.7	4948.0	10530.5	16113.3
75°	1251.0	1189.7	1128.5	2323.0	3517.5	8021.3	12525.3
77.5°	952.3	910.4	868.8	1574.1	2279.4	5614.2	8949.1
80°	685.9	668.6	651.4	1014.1	1377.2	3617.1	5857.2
82.5°	471.9	468.5	465.5	623.8	782.5	2093.5	3404.7
85°	278.3	279.9	281.5	333.4	385.7	941.7	1497.9
87.5°	120.3	121.9	123.4	138.3	153.1	308.4	463.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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