

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: P970887

Luminaire Tested: **NAV-SB6C-735-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970887
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-735-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 3500K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46383.3 lumens
Efficiency: N/A
Efficacy: 154.1 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



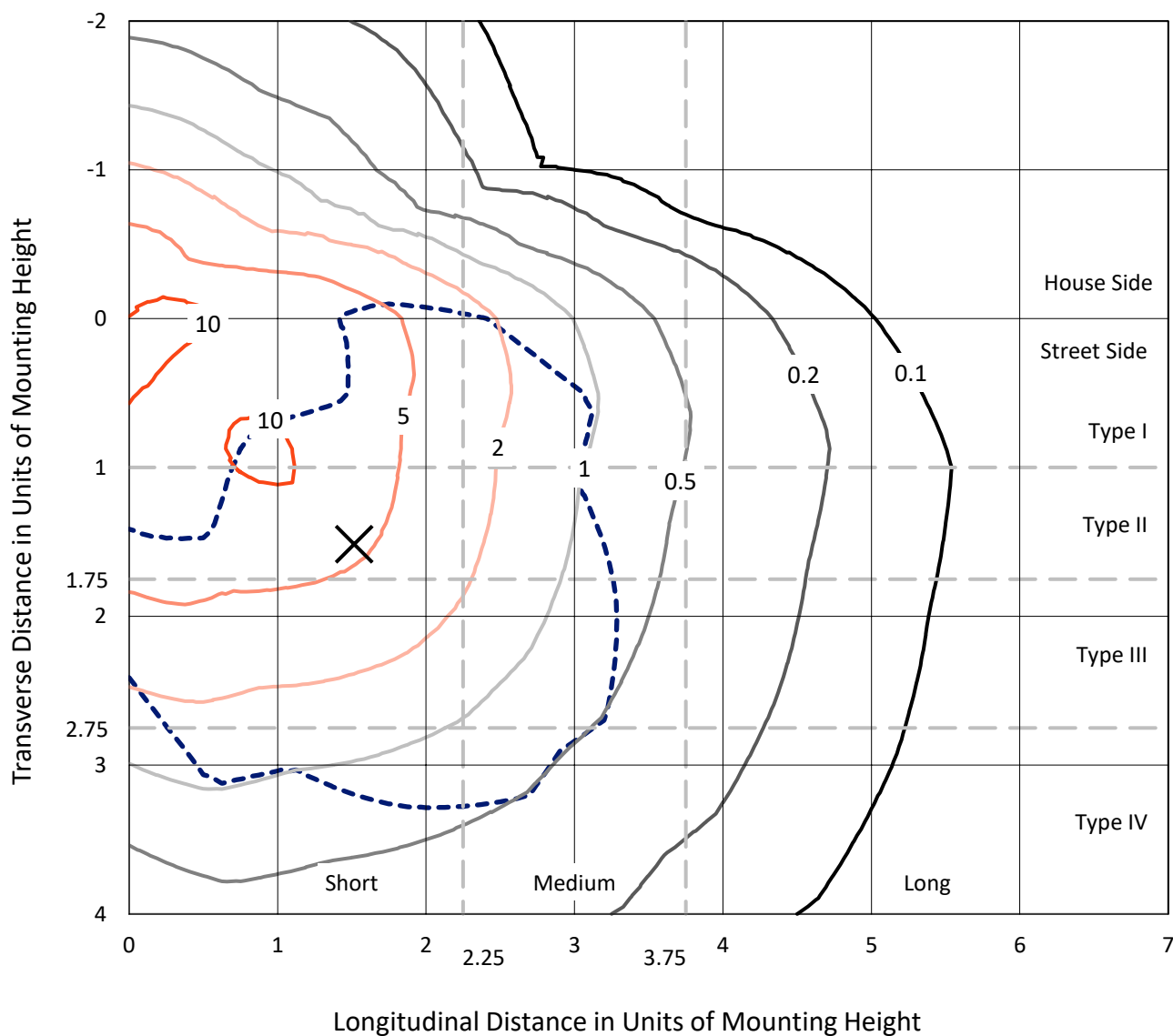
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

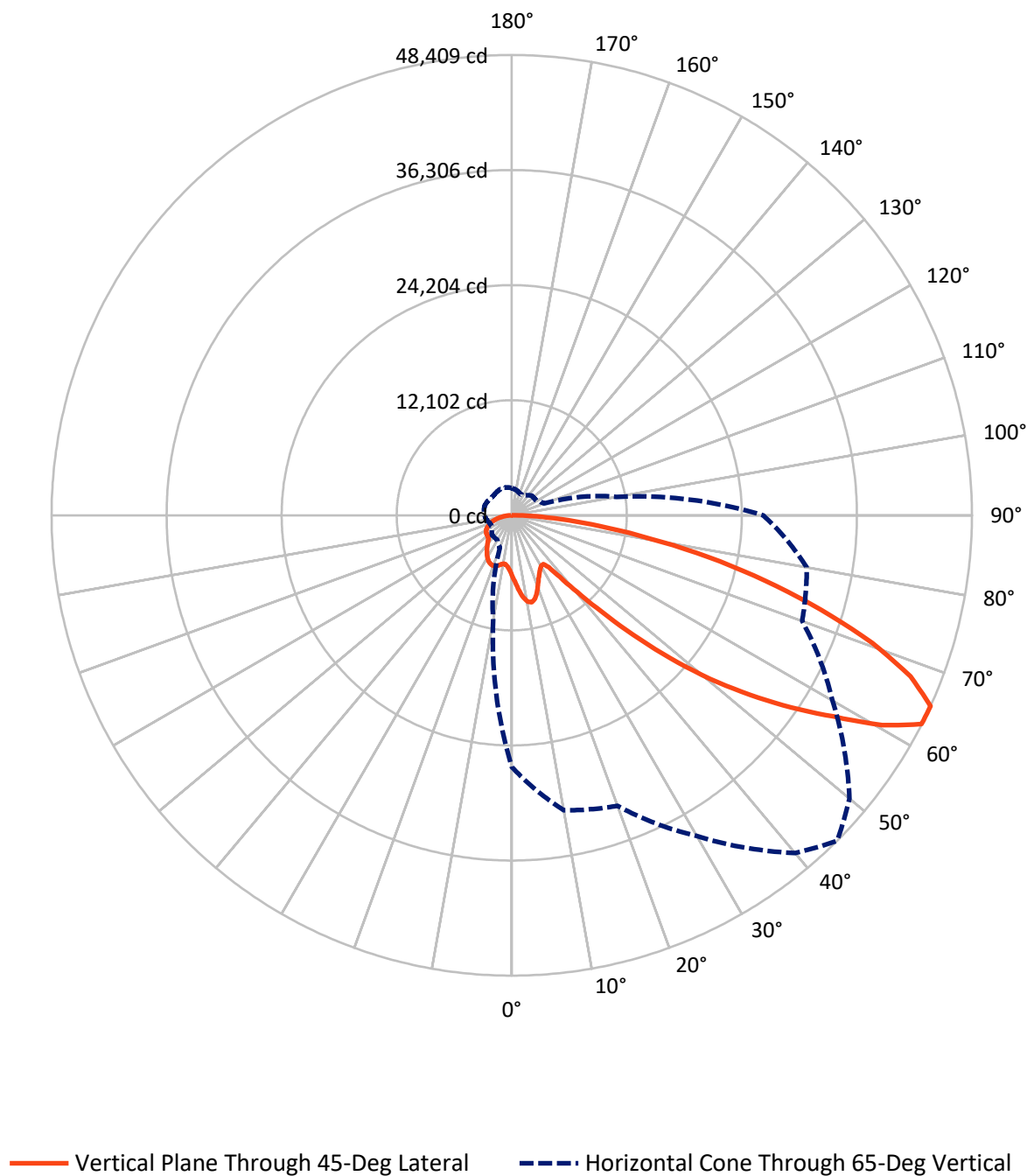


Based on 25 foot mounting height. Maximum calculated value = 14.1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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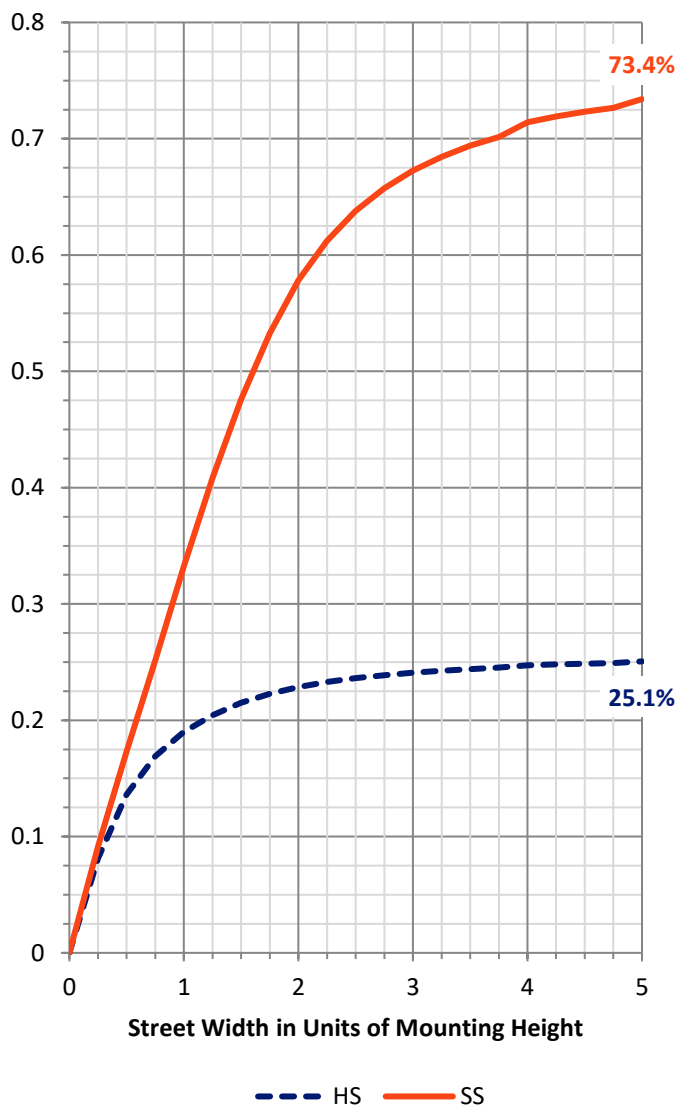
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11788.3	0.0	11788.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	34595.0	0.0	34595.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	46383.3	0.0	46383.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	632.7	1.4
10°-20°	1986.2	4.3
20°-30°	3068.0	6.6
30°-40°	3887.9	8.4
40°-50°	5863.9	12.6
50°-60°	9474.0	20.4
60°-70°	11810.9	25.5
70°-80°	7745.0	16.7
80°-90°	1914.7	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°	46383.3	100.0
0°-180°	46383.3	100.0

Coefficient of Utilization



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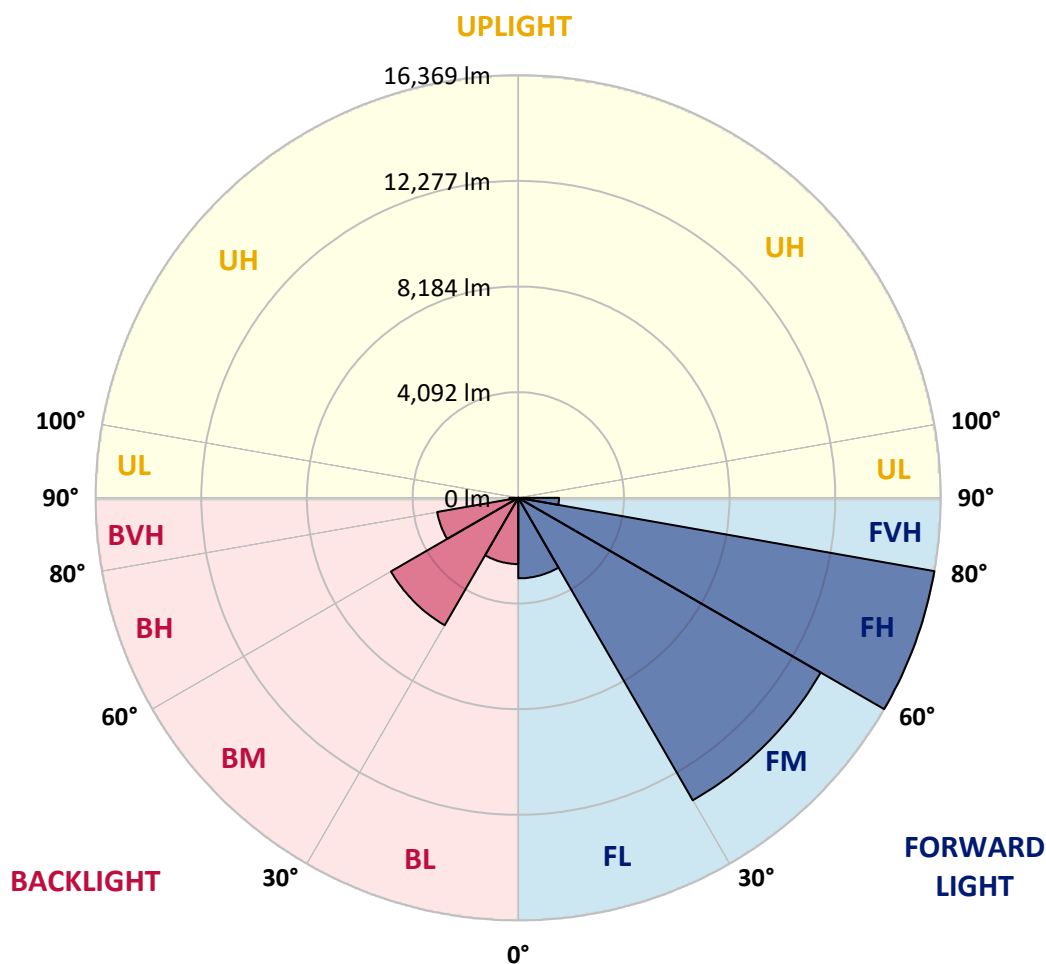
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3119.8	6.7			
FM	(30°-60°)	13529.0	29.2			
FH	(60°-80°)	16368.9	35.3			G5
FVH	(80°-90°)	1577.3	3.4			G5
BL	(0°-30°)	2567.0	5.5	B4/5000		
BM	(30°-60°)	5696.8	12.3	B4/8500		
BH	(60°-80°)	3187.0	6.9	B4/5000		G4/5000
BVH	(80°-90°)	337.4	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°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	6859.0	6884.9	6911.2	6948.2	6985.1	7007.1	7029.1	7040.1	7051.2	7046.3	7051.2
5°	7375.5	7466.2	7557.3	7647.3	7737.6	7786.6	7835.6	7865.2	7895.1	7917.5	7895.1
7.5°	7894.3	8042.2	8189.7	8322.6	8455.5	8535.6	8615.5	8658.9	8701.9	8722.8	8701.9
10°	8292.0	8466.8	8641.6	8797.5	8953.4	9047.8	9141.8	9183.9	9225.7	9241.6	9225.7
12.5°	8535.6	8725.0	8914.2	9055.2	9195.6	9264.2	9332.7	9355.7	9378.8	9381.1	9378.8
15°	8683.6	8847.1	9010.4	9098.7	9187.3	9189.7	9192.2	9167.7	9143.2	9114.4	9143.2
17.5°	8766.8	8877.2	8987.6	8989.4	8990.8	8891.7	8792.6	8701.7	8610.7	8546.6	8610.7
20°	8858.6	8897.0	8935.7	8819.4	8703.2	8484.4	8265.6	8106.2	7946.9	7849.0	7946.9
22.5°	8965.1	8914.6	8864.2	8623.4	8382.6	8060.7	7738.9	7539.7	7340.4	7232.3	7340.4
25°	9102.1	8943.0	8783.9	8418.3	8052.7	7661.8	7270.9	7061.4	6852.4	6750.1	6852.4
27.5°	9288.1	9003.7	8719.1	8234.7	7750.6	7317.5	6884.2	6678.2	6472.4	6375.7	6472.4
30°	9539.1	9114.8	8691.0	8094.7	7498.6	7047.3	6596.0	6404.8	6213.7	6123.6	6213.7
32.5°	9835.2	9254.4	8673.9	7999.3	7324.8	6900.6	6476.5	6326.5	6176.1	6111.4	6176.1
35°	10195.0	9484.2	8773.7	8070.7	7368.1	7073.4	6779.0	6744.0	6709.0	6703.6	6709.0
37.5°	10800.6	9964.6	9128.5	8489.8	7851.0	7831.9	7812.9	7972.9	8133.0	8216.2	8133.0
40°	11716.1	10806.8	9897.6	9422.5	8947.4	9282.8	9618.1	10007.2	10396.4	10590.2	10396.4
42.5°	12930.0	12027.9	11125.7	10852.1	10578.4	11309.7	12041.1	12748.8	13456.7	13872.2	13456.7
45°	14429.0	13618.7	12808.1	12687.4	12566.5	13738.2	14910.0	16073.0	17236.3	17942.4	17236.3
47.5°	16303.9	15515.5	14726.9	14702.4	14678.0	16368.2	18057.9	19760.7	21463.1	22462.9	21463.1
50°	18761.1	17787.2	16813.6	16817.8	16822.0	19000.2	21178.4	23426.0	25673.5	27032.3	25673.5
52.5°	21581.8	20402.6	19223.7	19104.5	18985.0	21586.9	24188.9	26969.6	29750.2	31379.0	29750.2
55°	24584.8	23419.8	22254.8	21790.1	21325.3	24221.2	27116.7	30431.8	33746.9	35684.0	33746.9
57.5°	27316.1	26681.8	26047.2	25115.0	24182.9	27106.9	30031.0	33785.8	37540.5	39942.7	37540.5
60°	28967.0	29952.3	30938.0	29780.4	28622.6	31389.8	34156.9	38177.0	42197.3	44793.5	42197.3
62.5°	28128.8	30821.2	33513.7	33383.2	33252.5	35787.4	38322.5	42147.4	45972.1	48371.8	45972.1
65°	26451.0	28978.0	31505.0	32005.0	32504.8	35726.2	38947.7	42656.7	46365.4	48408.5	46365.4
67.5°	24203.0	26606.4	29009.9	29244.3	29478.5	32835.0	36191.2	39916.0	43640.8	45241.4	43640.8
70°	21502.2	24116.4	26730.8	26835.5	26940.5	29942.1	32943.4	36148.9	39354.1	40243.8	39354.1
72.5°	18283.8	21283.7	24283.8	24359.1	24434.3	26782.6	29131.0	31531.8	33932.2	34022.3	33932.2
75°	14212.4	17317.3	20422.2	20700.9	20979.7	22806.8	24633.7	26323.7	28013.8	27560.9	28013.8
77.5°	10154.6	13052.9	15951.4	16350.3	16749.2	18138.2	19527.2	20725.7	21924.4	21146.2	21924.4
80°	6646.1	9084.5	11522.6	12018.5	12514.4	13563.4	14611.9	15241.3	15870.6	14618.8	15870.6
82.5°	3863.3	5530.3	7197.6	7751.4	8305.5	9027.5	9749.5	10012.1	10274.5	9290.6	10274.5
85°	1699.8	2584.5	3469.3	3940.4	4411.6	5004.9	5597.8	5746.9	5895.9	5107.9	5895.9
87.5°	526.2	823.6	1120.9	1383.7	1646.7	1943.3	2239.9	2252.6	2265.1	1901.7	2265.1
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	7040.1	7029.1	7007.1	6985.1	6948.2	6911.2	6884.9	6859.0	6806.4	6753.8	6697.8
5°	7865.2	7835.6	7786.6	7737.6	7647.3	7557.3	7466.2	7375.5	7259.2	7142.9	7026.9
7.5°	8658.9	8615.5	8535.6	8455.5	8322.6	8189.7	8042.2	7894.3	7702.5	7510.8	7333.6
10°	9183.9	9141.8	9047.8	8953.4	8797.5	8641.6	8466.8	8292.0	8049.5	7806.9	7572.7
12.5°	9355.7	9332.7	9264.2	9195.6	9055.2	8914.2	8725.0	8535.6	8269.0	8002.7	7737.4
15°	9167.7	9192.2	9189.7	9187.3	9098.7	9010.4	8847.1	8683.6	8405.8	8128.0	7840.2
17.5°	8701.7	8792.6	8891.7	8990.8	8989.4	8987.6	8877.2	8766.8	8485.2	8203.4	7889.4
20°	8106.2	8265.6	8484.4	8703.2	8819.4	8935.7	8897.0	8858.6	8565.9	8273.0	7927.9
22.5°	7539.7	7738.9	8060.7	8382.6	8623.4	8864.2	8914.6	8965.1	8666.0	8366.7	7979.7
25°	7061.4	7270.9	7661.8	8052.7	8418.3	8783.9	8943.0	9102.1	8809.0	8516.0	8073.7
27.5°	6678.2	6884.2	7317.5	7750.6	8234.7	8719.1	9003.7	9288.1	9008.6	8728.9	8220.6
30°	6404.8	6596.0	7047.3	7498.6	8094.7	8691.0	9114.8	9539.1	9268.8	8998.9	8410.7
32.5°	6326.5	6476.5	6900.6	7324.8	7999.3	8673.9	9254.4	9835.2	9567.7	9300.3	8609.2
35°	6744.0	6779.0	7073.4	7368.1	8070.7	8773.7	9484.2	10195.0	9938.9	9682.7	8835.4
37.5°	7972.9	7812.9	7831.9	7851.0	8489.8	9128.5	9964.6	10800.6	10474.2	10147.7	9088.7
40°	10007.2	9618.1	9282.8	8947.4	9422.5	9897.6	10806.8	11716.1	11240.3	10764.4	9410.3
42.5°	12748.8	12041.1	11309.7	10578.4	10852.1	11125.7	12027.9	12930.0	12243.2	11556.5	9831.0
45°	16073.0	14910.0	13738.2	12566.5	12687.4	12808.1	13618.7	14429.0	13502.7	12576.3	10384.6
47.5°	19760.7	18057.9	16368.2	14678.0	14702.4	14726.9	15515.5	16303.9	15000.1	13696.0	10974.5
50°	23426.0	21178.4	19000.2	16822.0	16817.8	16813.6	17787.2	18761.1	16795.5	14829.7	11521.7
52.5°	26969.6	24188.9	21586.9	18985.0	19104.5	19223.7	20402.6	21581.8	18681.5	15781.3	11877.1
55°	30431.8	27116.7	24221.2	21325.3	21790.1	22254.8	23419.8	24584.8	20353.6	16122.7	11798.8
57.5°	33785.8	30031.0	27106.9	24182.9	25115.0	26047.2	26681.8	27316.1	21538.7	15761.2	11247.6
60°	38177.0	34156.9	31389.8	28622.6	29780.4	30938.0	29952.3	28967.0	21834.9	14702.4	10221.8
62.5°	42147.4	38322.5	35787.4	33252.5	33383.2	33513.7	30821.2	28128.8	20587.8	13046.9	8834.9
65°	42656.7	38947.7	35726.2	32504.8	32005.0	31505.0	28978.0	26451.0	18823.5	11196.0	7419.8
67.5°	39916.0	36191.2	32835.0	29478.5	29244.3	29009.9	26606.4	24203.0	16723.8	9244.6	6033.5
70°	36148.9	32943.4	29942.1	26940.5	26835.5	26730.8	24116.4	21502.2	14432.7	7363.2	4750.6
72.5°	31531.8	29131.0	26782.6	24434.3	24359.1	24283.8	21283.7	18283.8	11949.0	5614.5	3631.8
75°	26323.7	24633.7	22806.8	20979.7	20700.9	20422.2	17317.3	14212.4	9101.9	3991.3	2635.9
77.5°	20725.7	19527.2	18138.2	16749.2	16350.3	15951.4	13052.9	10154.6	6370.5	2586.5	1786.2
80°	15241.3	14611.9	13563.4	12514.4	12018.5	11522.6	9084.5	6646.1	4104.4	1562.7	1150.8
82.5°	10012.1	9749.5	9027.5	8305.5	7751.4	7197.6	5530.3	3863.3	2375.5	888.0	707.8
85°	5746.9	5597.8	5004.9	4411.6	3940.4	3469.3	2584.5	1699.8	1068.6	437.6	378.3
87.5°	2252.6	2239.9	1943.3	1646.7	1383.7	1120.9	823.6	526.2	350.0	173.7	156.9
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°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	6641.9	6585.6	6529.4	6475.5	6421.6	6369.6	6311.5	6264.5	6217.8	6175.4	6133.4
5°	6911.2	6794.4	6677.9	6569.0	6460.1	6357.3	6255.8	6167.1	6078.2	6003.8	5929.7
7.5°	7156.4	6983.8	6811.3	6659.3	6507.3	6367.1	6235.7	6117.7	5999.9	5902.1	5804.2
10°	7338.7	7129.2	6919.5	6739.9	6559.7	6386.7	6245.4	6121.1	5996.8	5898.9	5801.0
12.5°	7472.1	7224.9	6977.7	6774.3	6571.0	6389.1	6257.7	6155.8	6054.6	5989.5	5924.8
15°	7552.4	7267.8	6983.1	6747.7	6512.2	6310.8	6205.6	6156.9	6108.4	6117.2	6126.0
17.5°	7575.4	7245.0	6914.5	6631.4	6348.2	6111.4	6046.5	6064.3	6081.9	6188.6	6295.3
20°	7582.7	7182.4	6781.9	6431.0	6080.0	5804.2	5787.0	5870.3	5953.5	6138.7	6324.2
22.5°	7592.6	7105.5	6618.4	6195.8	5773.1	5459.0	5492.6	5615.7	5738.9	5950.3	6162.2
25°	7631.2	7029.7	6428.3	5933.1	5438.2	5116.4	5207.0	5349.0	5490.9	5681.1	5871.5
27.5°	7712.0	6978.9	6245.9	5693.1	5140.2	4847.2	4957.3	5094.5	5231.5	5387.8	5544.0
30°	7822.6	6955.2	6087.4	5492.4	4897.3	4651.4	4737.9	4846.5	4955.7	5085.3	5215.1
32.5°	7918.0	6925.8	5933.1	5319.3	4705.3	4507.0	4545.5	4609.8	4674.2	4777.7	4881.5
35°	7988.0	6870.6	5753.5	5149.2	4545.0	4379.7	4363.8	4381.5	4399.3	4478.3	4557.2
37.5°	8029.6	6775.9	5522.0	4949.0	4376.0	4231.7	4173.4	4153.8	4134.2	4191.0	4247.6
40°	8055.9	6645.4	5235.1	4710.2	4185.2	4054.2	3964.9	3920.6	3876.3	3917.1	3958.0
42.5°	8105.5	6510.8	4916.5	4446.6	3976.7	3855.9	3743.4	3684.7	3625.9	3659.2	3692.8
45°	8192.9	6385.6	4578.7	4166.5	3754.4	3632.1	3523.1	3465.8	3408.8	3436.7	3465.1
47.5°	8252.9	6282.4	4312.0	3945.1	3578.2	3420.3	3326.6	3278.7	3230.7	3257.0	3283.3
50°	8213.7	6169.8	4125.9	3797.9	3470.0	3262.5	3153.5	3111.0	3068.6	3109.7	3151.2
52.5°	7972.7	5979.6	3986.9	3701.1	3415.4	3176.8	3024.6	2982.4	2940.6	3002.5	3064.2
55°	7474.6	5664.5	3854.3	3630.9	3407.4	3185.4	2956.1	2889.5	2823.2	2911.0	2998.6
57.5°	6734.2	5219.9	3705.5	3547.6	3389.8	3193.9	2914.9	2818.0	2721.1	2815.6	2910.1
60°	5741.2	4642.8	3544.4	3420.3	3296.3	3167.0	2876.3	2750.7	2624.9	2707.8	2790.6
62.5°	4622.8	3952.2	3281.5	3199.1	3116.8	3100.9	2831.3	2674.1	2517.2	2569.9	2622.5
65°	3643.8	3330.7	3017.7	2978.9	2939.9	2941.9	2736.2	2569.4	2402.2	2422.5	2442.6
67.5°	2822.4	2733.6	2644.5	2666.2	2687.9	2682.4	2566.9	2427.9	2288.8	2282.5	2276.1
70°	2137.8	2163.4	2188.5	2289.3	2390.0	2390.0	2352.1	2253.2	2154.2	2132.2	2110.2
72.5°	1649.1	1725.7	1802.6	1945.4	2088.1	2112.1	2112.6	2044.9	1977.0	1944.7	1912.6
75°	1280.5	1350.0	1419.5	1579.6	1739.6	1850.3	1841.0	1788.8	1736.5	1705.6	1674.5
77.5°	985.8	1033.1	1080.6	1235.9	1391.3	1573.7	1568.9	1526.9	1485.1	1453.8	1422.5
80°	739.1	758.7	778.3	910.0	1041.4	1259.2	1258.5	1223.4	1188.3	1162.0	1135.6
82.5°	528.2	531.6	535.5	632.4	729.4	915.3	925.7	908.5	891.3	872.8	854.1
85°	319.4	317.6	315.7	386.7	457.7	595.9	609.5	591.0	572.7	551.9	531.1
87.5°	140.0	138.3	136.5	165.4	194.5	252.0	269.3	261.9	254.5	250.6	246.7
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: P970887

CATALOG NUMBER: NAV-SB6C-735-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	6096.4	6059.5	6022.3	5985.3	5956.7	5927.8	5904.5	5881.2	5863.2	5845.1	5828.4
5°	5864.1	5798.5	5739.1	5679.3	5633.6	5587.6	5555.5	5523.4	5500.7	5477.9	5460.6
7.5°	5721.7	5638.9	5566.1	5493.4	5438.8	5384.4	5346.3	5308.1	5281.9	5255.9	5240.3
10°	5712.1	5623.0	5541.0	5459.0	5394.0	5328.7	5286.0	5243.0	5218.3	5193.6	5180.3
12.5°	5854.8	5785.3	5700.4	5615.7	5532.5	5449.3	5394.3	5339.1	5311.4	5284.1	5272.8
15°	6107.9	6089.8	6016.1	5942.4	5823.9	5705.6	5621.8	5538.2	5499.7	5461.5	5446.8
17.5°	6352.1	6408.7	6349.3	6290.0	6133.1	5976.3	5852.9	5729.5	5672.8	5615.7	5597.1
20°	6442.9	6561.6	6534.3	6506.6	6327.2	6148.1	5996.8	5845.8	5773.1	5700.1	5676.9
22.5°	6316.7	6471.1	6487.7	6504.1	6332.9	6161.5	6005.9	5850.0	5773.3	5696.4	5670.8
25°	6023.5	6175.4	6232.2	6288.8	6148.3	6008.0	5869.6	5731.5	5664.9	5598.5	5574.4
27.5°	5665.9	5787.8	5850.9	5914.4	5814.2	5714.4	5607.0	5499.4	5454.9	5410.2	5399.1
30°	5316.2	5417.4	5468.9	5520.2	5444.2	5367.8	5290.9	5213.6	5190.8	5167.8	5167.8
32.5°	4978.4	5075.6	5132.6	5189.9	5119.9	5049.7	4988.2	4926.8	4911.8	4896.9	4898.9
35°	4653.1	4749.3	4817.8	4886.4	4836.5	4786.8	4730.0	4673.5	4650.6	4628.2	4623.3
37.5°	4343.2	4439.2	4523.9	4608.6	4585.5	4562.6	4510.4	4458.0	4416.7	4375.6	4353.8
40°	4050.6	4143.0	4240.5	4338.1	4343.7	4349.2	4304.9	4260.5	4200.3	4140.6	4100.0
42.5°	3780.4	3868.2	3973.5	4078.7	4106.9	4135.0	4097.5	4060.3	3985.7	3911.1	3852.1
45°	3548.3	3631.6	3740.7	3849.9	3890.3	3930.7	3896.8	3863.3	3777.9	3692.8	3623.5
47.5°	3364.8	3446.0	3553.7	3661.4	3707.9	3754.4	3730.9	3707.4	3631.6	3555.7	3491.6
50°	3227.9	3304.6	3401.1	3497.4	3557.2	3616.9	3615.4	3614.5	3553.7	3493.0	3433.7
52.5°	3134.8	3205.0	3294.8	3384.9	3455.6	3526.3	3539.0	3551.7	3502.3	3452.9	3399.8
55°	3074.5	3150.3	3229.2	3307.8	3382.6	3457.7	3475.4	3493.0	3449.9	3406.9	3360.4
57.5°	2999.1	3088.2	3166.0	3244.1	3319.8	3395.1	3413.0	3430.9	3387.3	3343.8	3297.7
60°	2892.9	2995.3	3074.3	3153.5	3229.5	3305.3	3324.9	3344.5	3301.8	3259.5	3212.0
62.5°	2741.7	2861.1	2945.5	3030.0	3099.5	3169.0	3187.9	3206.7	3168.3	3129.8	3079.9
65°	2570.3	2698.3	2779.1	2859.9	2921.0	2982.2	3001.6	3020.7	2983.7	2946.8	2898.3
67.5°	2394.1	2512.4	2588.9	2665.3	2718.2	2771.0	2789.8	2808.5	2774.5	2740.6	2695.6
70°	2214.0	2317.7	2383.8	2450.0	2497.6	2545.4	2563.5	2581.6	2553.9	2526.3	2483.2
72.5°	1994.4	2075.9	2135.7	2195.3	2242.1	2288.8	2310.5	2332.0	2308.9	2286.0	2244.9
75°	1735.2	1795.9	1850.0	1904.1	1946.7	1989.3	2011.9	2034.3	2023.0	2011.9	1977.3
77.5°	1471.9	1521.1	1567.6	1614.1	1658.9	1703.4	1724.5	1745.6	1729.9	1713.7	1679.0
80°	1176.7	1217.6	1256.8	1295.9	1329.9	1363.8	1391.6	1419.5	1412.7	1406.1	1359.4
82.5°	850.7	847.3	833.6	819.9	892.4	964.8	1012.3	1059.7	1056.8	1053.6	1014.2
85°	513.5	495.6	457.7	419.7	487.5	555.6	614.3	673.0	668.2	663.3	632.4
87.5°	246.0	245.3	216.4	187.3	215.7	244.3	268.0	291.7	285.9	279.5	263.8
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: P970887

CATALOG NUMBER: NAV-SB6C-735-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	5811.5	5790.7	5811.5	5828.4	5845.1	5863.2	5881.2	5904.5	5927.8	5956.7	5985.3
5°	5443.2	5426.0	5443.2	5460.6	5477.9	5500.7	5523.4	5555.5	5587.6	5633.6	5679.3
7.5°	5224.8	5213.2	5224.8	5240.3	5255.9	5281.9	5308.1	5346.3	5384.4	5438.8	5493.4
10°	5167.1	5161.7	5167.1	5180.3	5193.6	5218.3	5243.0	5286.0	5328.7	5394.0	5459.0
12.5°	5261.5	5259.6	5261.5	5272.8	5284.1	5311.4	5339.1	5394.3	5449.3	5532.5	5615.7
15°	5432.2	5431.0	5432.2	5446.8	5461.5	5499.7	5538.2	5621.8	5705.6	5823.9	5942.4
17.5°	5578.3	5575.3	5578.3	5597.1	5615.7	5672.8	5729.5	5852.9	5976.3	6133.1	6290.0
20°	5653.7	5646.3	5653.7	5676.9	5700.1	5773.1	5845.8	5996.8	6148.1	6327.2	6506.6
22.5°	5645.1	5634.1	5645.1	5670.8	5696.4	5773.3	5850.0	6005.9	6161.5	6332.9	6504.1
25°	5550.4	5536.1	5550.4	5574.4	5598.5	5664.9	5731.5	5869.6	6008.0	6148.3	6288.8
27.5°	5388.1	5384.4	5388.1	5399.1	5410.2	5454.9	5499.4	5607.0	5714.4	5814.2	5914.4
30°	5167.8	5171.5	5167.8	5167.8	5167.8	5190.8	5213.6	5290.9	5367.8	5444.2	5520.2
32.5°	4901.0	4904.7	4901.0	4898.9	4896.9	4911.8	4926.8	4988.2	5049.7	5119.9	5189.9
35°	4618.3	4615.9	4618.3	4623.3	4628.2	4650.6	4673.5	4730.0	4786.8	4836.5	4886.4
37.5°	4332.1	4319.8	4332.1	4353.8	4375.6	4416.7	4458.0	4510.4	4562.6	4585.5	4608.6
40°	4059.8	4035.8	4059.8	4100.0	4140.6	4200.3	4260.5	4304.9	4349.2	4343.7	4338.1
42.5°	3793.1	3754.4	3793.1	3852.1	3911.1	3985.7	4060.3	4097.5	4135.0	4106.9	4078.7
45°	3554.2	3509.7	3554.2	3623.5	3692.8	3777.9	3863.3	3896.8	3930.7	3890.3	3849.9
47.5°	3427.7	3384.9	3427.7	3491.6	3555.7	3631.6	3707.4	3730.9	3754.4	3707.9	3661.4
50°	3374.6	3333.4	3374.6	3433.7	3493.0	3553.7	3614.5	3615.4	3616.9	3557.2	3497.4
52.5°	3346.9	3309.0	3346.9	3399.8	3452.9	3502.3	3551.7	3539.0	3526.3	3455.6	3384.9
55°	3313.8	3279.6	3313.8	3360.4	3406.9	3449.9	3493.0	3475.4	3457.7	3382.6	3307.8
57.5°	3251.5	3215.9	3251.5	3297.7	3343.8	3387.3	3430.9	3413.0	3395.1	3319.8	3244.1
60°	3164.6	3127.9	3164.6	3212.0	3259.5	3301.8	3344.5	3324.9	3305.3	3229.5	3153.5
62.5°	3030.0	2985.9	3030.0	3079.9	3129.8	3168.3	3206.7	3187.9	3169.0	3099.5	3030.0
65°	2850.1	2812.2	2850.1	2898.3	2946.8	2983.7	3020.7	3001.6	2982.2	2921.0	2859.9
67.5°	2650.6	2616.3	2650.6	2695.6	2740.6	2774.5	2808.5	2789.8	2771.0	2718.2	2665.3
70°	2440.1	2401.0	2440.1	2483.2	2526.3	2553.9	2581.6	2563.5	2545.4	2497.6	2450.0
72.5°	2204.0	2166.0	2204.0	2244.9	2286.0	2308.9	2332.0	2310.5	2288.8	2242.1	2195.3
75°	1942.8	1906.6	1942.8	1977.3	2011.9	2023.0	2034.3	2011.9	1989.3	1946.7	1904.1
77.5°	1644.2	1615.3	1644.2	1679.0	1713.7	1729.9	1745.6	1724.5	1703.4	1658.9	1614.1
80°	1312.3	1258.0	1312.3	1359.4	1406.1	1412.7	1419.5	1391.6	1363.8	1329.9	1295.9
82.5°	974.6	939.8	974.6	1014.2	1053.6	1056.8	1059.7	1012.3	964.8	892.4	819.9
85°	601.6	570.3	601.6	632.4	663.3	668.2	673.0	614.3	555.6	487.5	419.7
87.5°	247.6	232.5	247.6	263.8	279.5	285.9	291.7	268.0	244.3	215.7	187.3
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: P970887

CATALOG NUMBER: NAV-SB6C-735-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	6022.3	6059.5	6096.4	6133.4	6175.4	6217.8	6264.5	6311.5	6369.6	6421.6	6475.5
5°	5739.1	5798.5	5864.1	5929.7	6003.8	6078.2	6167.1	6255.8	6357.3	6460.1	6569.0
7.5°	5566.1	5638.9	5721.7	5804.2	5902.1	5999.9	6117.7	6235.7	6367.1	6507.3	6659.3
10°	5541.0	5623.0	5712.1	5801.0	5898.9	5996.8	6121.1	6245.4	6386.7	6559.7	6739.9
12.5°	5700.4	5785.3	5854.8	5924.8	5989.5	6054.6	6155.8	6257.7	6389.1	6571.0	6774.3
15°	6016.1	6089.8	6107.9	6126.0	6117.2	6108.4	6156.9	6205.6	6310.8	6512.2	6747.7
17.5°	6349.3	6408.7	6352.1	6295.3	6188.6	6081.9	6064.3	6046.5	6111.4	6348.2	6631.4
20°	6534.3	6561.6	6442.9	6324.2	6138.7	5953.5	5870.3	5787.0	5804.2	6080.0	6431.0
22.5°	6487.7	6471.1	6316.7	6162.2	5950.3	5738.9	5615.7	5492.6	5459.0	5773.1	6195.8
25°	6232.2	6175.4	6023.5	5871.5	5681.1	5490.9	5349.0	5207.0	5116.4	5438.2	5933.1
27.5°	5850.9	5787.8	5665.9	5544.0	5387.8	5231.5	5094.5	4957.3	4847.2	5140.2	5693.1
30°	5468.9	5417.4	5316.2	5215.1	5085.3	4955.7	4846.5	4737.9	4651.4	4897.3	5492.4
32.5°	5132.6	5075.6	4978.4	4881.5	4777.7	4674.2	4609.8	4545.5	4507.0	4705.3	5319.3
35°	4817.8	4749.3	4653.1	4557.2	4478.3	4399.3	4381.5	4363.8	4379.7	4545.0	5149.2
37.5°	4523.9	4439.2	4343.2	4247.6	4191.0	4134.2	4153.8	4173.4	4231.7	4376.0	4949.0
40°	4240.5	4143.0	4050.6	3958.0	3917.1	3876.3	3920.6	3964.9	4054.2	4185.2	4710.2
42.5°	3973.5	3868.2	3780.4	3692.8	3659.2	3625.9	3684.7	3743.4	3855.9	3976.7	4446.6
45°	3740.7	3631.6	3548.3	3465.1	3436.7	3408.8	3465.8	3523.1	3632.1	3754.4	4166.5
47.5°	3553.7	3446.0	3364.8	3283.3	3257.0	3230.7	3278.7	3326.6	3420.3	3578.2	3945.1
50°	3401.1	3304.6	3227.9	3151.2	3109.7	3068.6	3111.0	3153.5	3262.5	3470.0	3797.9
52.5°	3294.8	3205.0	3134.8	3064.2	3002.5	2940.6	2982.4	3024.6	3176.8	3415.4	3701.1
55°	3229.2	3150.3	3074.5	2998.6	2911.0	2823.2	2889.5	2956.1	3185.4	3407.4	3630.9
57.5°	3166.0	3088.2	2999.1	2910.1	2815.6	2721.1	2818.0	2914.9	3193.9	3389.8	3547.6
60°	3074.3	2995.3	2892.9	2790.6	2707.8	2624.9	2750.7	2876.3	3167.0	3296.3	3420.3
62.5°	2945.5	2861.1	2741.7	2622.5	2569.9	2517.2	2674.1	2831.3	3100.9	3116.8	3199.1
65°	2779.1	2698.3	2570.3	2442.6	2422.5	2402.2	2569.4	2736.2	2941.9	2939.9	2978.9
67.5°	2588.9	2512.4	2394.1	2276.1	2282.5	2288.8	2427.9	2566.9	2682.4	2687.9	2666.2
70°	2383.8	2317.7	2214.0	2110.2	2132.2	2154.2	2253.2	2352.1	2390.0	2390.0	2289.3
72.5°	2135.7	2075.9	1994.4	1912.6	1944.7	1977.0	2044.9	2112.6	2112.1	2088.1	1945.4
75°	1850.0	1795.9	1735.2	1674.5	1705.6	1736.5	1788.8	1841.0	1850.3	1739.6	1579.6
77.5°	1567.6	1521.1	1471.9	1422.5	1453.8	1485.1	1526.9	1568.9	1573.7	1391.3	1235.9
80°	1256.8	1217.6	1176.7	1135.6	1162.0	1188.3	1223.4	1258.5	1259.2	1041.4	910.0
82.5°	833.6	847.3	850.7	854.1	872.8	891.3	908.5	925.7	915.3	729.4	632.4
85°	457.7	495.6	513.5	531.1	551.9	572.7	591.0	609.5	595.9	457.7	386.7
87.5°	216.4	245.3	246.0	246.7	250.6	254.5	261.9	269.3	252.0	194.5	165.4
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: P970887

CATALOG NUMBER: NAV-SB6C-735-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1	6378.1
2.5°	6529.4	6585.6	6641.9	6697.8	6753.8	6806.4	6859.0
5°	6677.9	6794.4	6911.2	7026.9	7142.9	7259.2	7375.5
7.5°	6811.3	6983.8	7156.4	7333.6	7510.8	7702.5	7894.3
10°	6919.5	7129.2	7338.7	7572.7	7806.9	8049.5	8292.0
12.5°	6977.7	7224.9	7472.1	7737.4	8002.7	8269.0	8535.6
15°	6983.1	7267.8	7552.4	7840.2	8128.0	8405.8	8683.6
17.5°	6914.5	7245.0	7575.4	7889.4	8203.4	8485.2	8766.8
20°	6781.9	7182.4	7582.7	7927.9	8273.0	8565.9	8858.6
22.5°	6618.4	7105.5	7592.6	7979.7	8366.7	8666.0	8965.1
25°	6428.3	7029.7	7631.2	8073.7	8516.0	8809.0	9102.1
27.5°	6245.9	6978.9	7712.0	8220.6	8728.9	9008.6	9288.1
30°	6087.4	6955.2	7822.6	8410.7	8998.9	9268.8	9539.1
32.5°	5933.1	6925.8	7918.0	8609.2	9300.3	9567.7	9835.2
35°	5753.5	6870.6	7988.0	8835.4	9682.7	9938.9	10195.0
37.5°	5522.0	6775.9	8029.6	9088.7	10147.7	10474.2	10800.6
40°	5235.1	6645.4	8055.9	9410.3	10764.4	11240.3	11716.1
42.5°	4916.5	6510.8	8105.5	9831.0	11556.5	12243.2	12930.0
45°	4578.7	6385.6	8192.9	10384.6	12576.3	13502.7	14429.0
47.5°	4312.0	6282.4	8252.9	10974.5	13696.0	15000.1	16303.9
50°	4125.9	6169.8	8213.7	11521.7	14829.7	16795.5	18761.1
52.5°	3986.9	5979.6	7972.7	11877.1	15781.3	18681.5	21581.8
55°	3854.3	5664.5	7474.6	11798.8	16122.7	20353.6	24584.8
57.5°	3705.5	5219.9	6734.2	11247.6	15761.2	21538.7	27316.1
60°	3544.4	4642.8	5741.2	10221.8	14702.4	21834.9	28967.0
62.5°	3281.5	3952.2	4622.8	8834.9	13046.9	20587.8	28128.8
65°	3017.7	3330.7	3643.8	7419.8	11196.0	18823.5	26451.0
67.5°	2644.5	2733.6	2822.4	6033.5	9244.6	16723.8	24203.0
70°	2188.5	2163.4	2137.8	4750.6	7363.2	14432.7	21502.2
72.5°	1802.6	1725.7	1649.1	3631.8	5614.5	11949.0	18283.8
75°	1419.5	1350.0	1280.5	2635.9	3991.3	9101.9	14212.4
77.5°	1080.6	1033.1	985.8	1786.2	2586.5	6370.5	10154.6
80°	778.3	758.7	739.1	1150.8	1562.7	4104.4	6646.1
82.5°	535.5	531.6	528.2	707.8	888.0	2375.5	3863.3
85°	315.7	317.6	319.4	378.3	437.6	1068.6	1699.8
87.5°	136.5	138.3	140.0	156.9	173.7	350.0	526.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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