

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: P971445

Luminaire Tested: **NAV-SB6D-740-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P971445
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-SB6D-740-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 66677.3 lumens
Efficiency: N/A
Efficacy: 151.5 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): 440.1
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



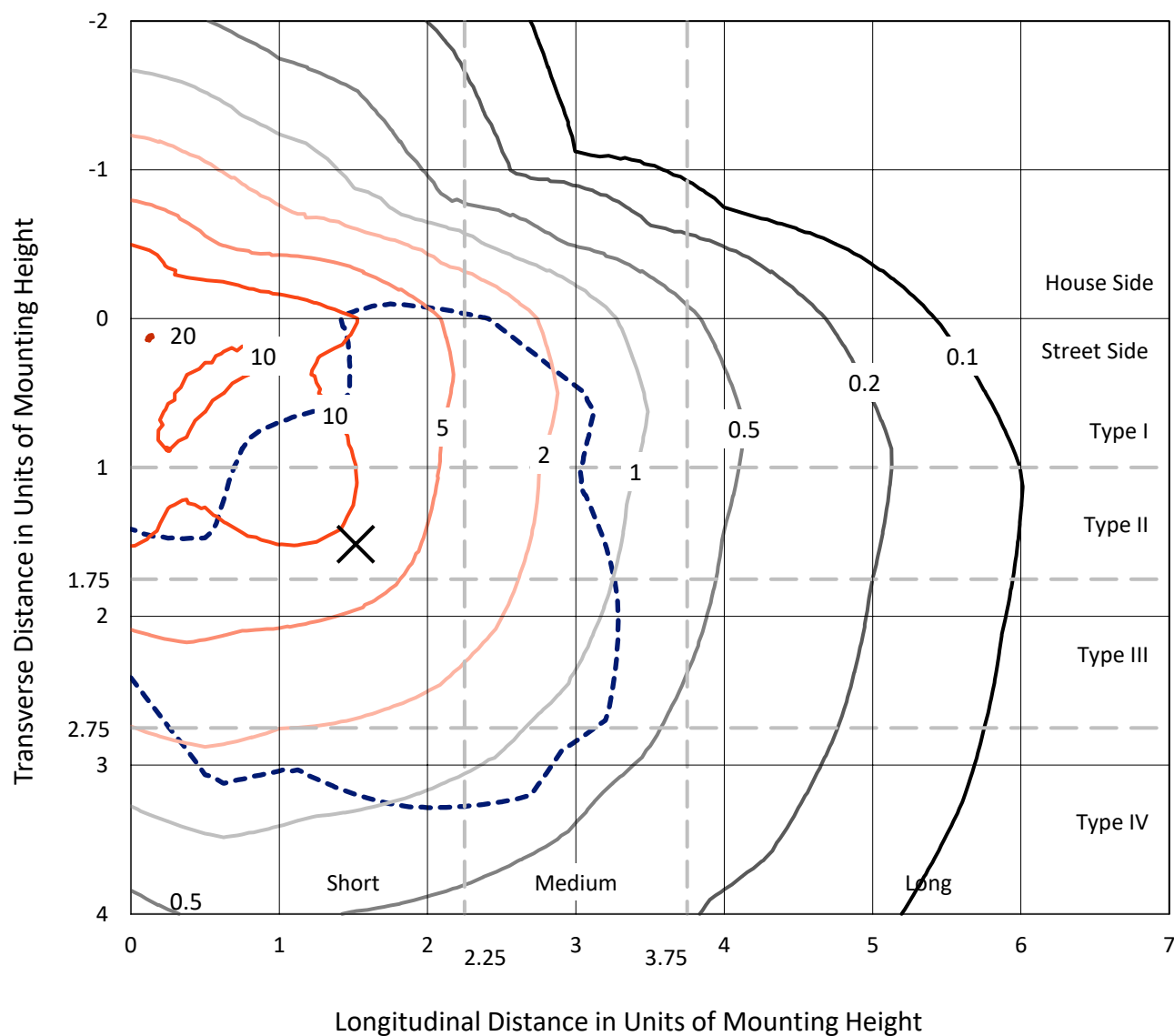
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

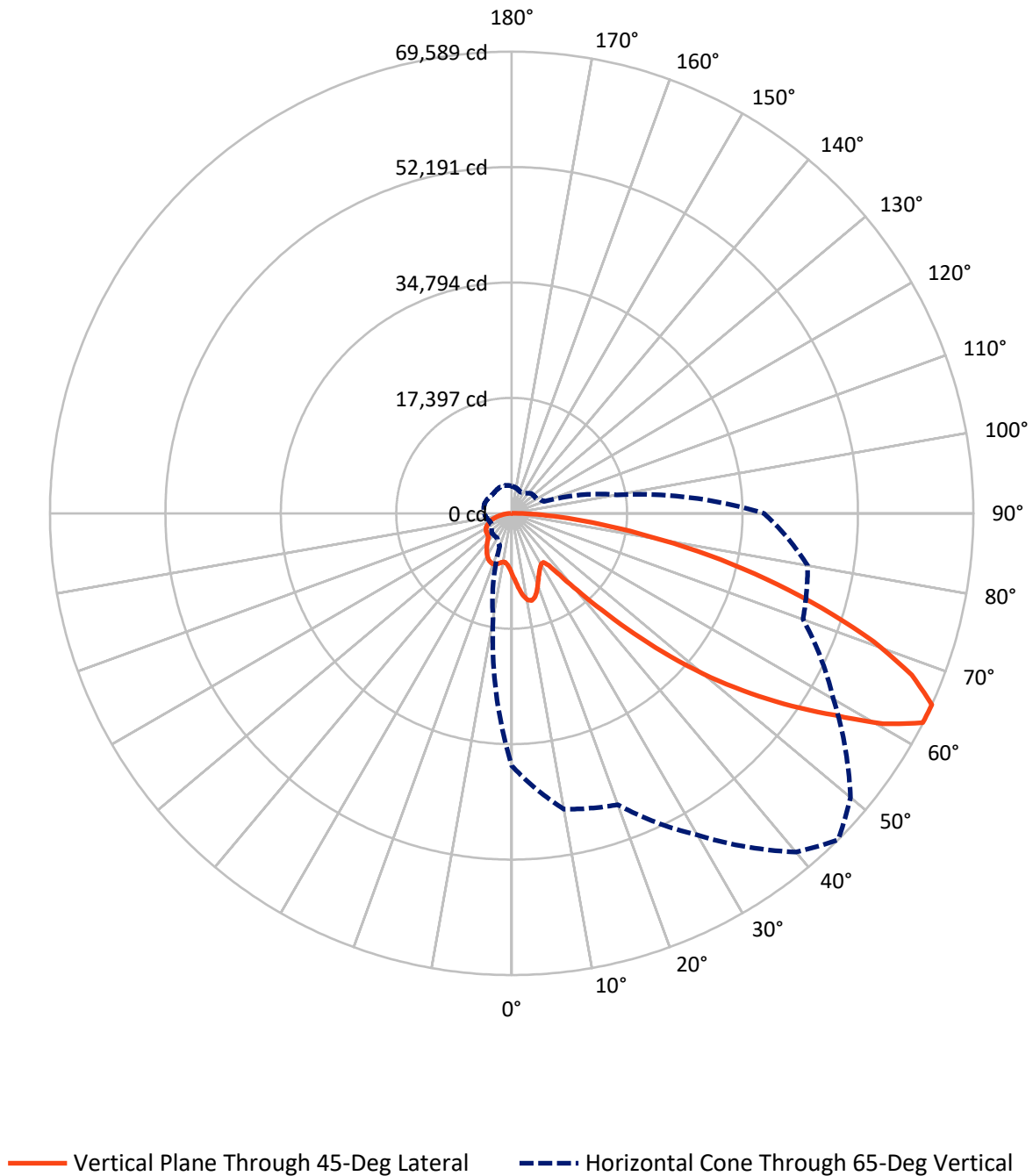


Based on 25 foot mounting height. Maximum calculated value = 20.3 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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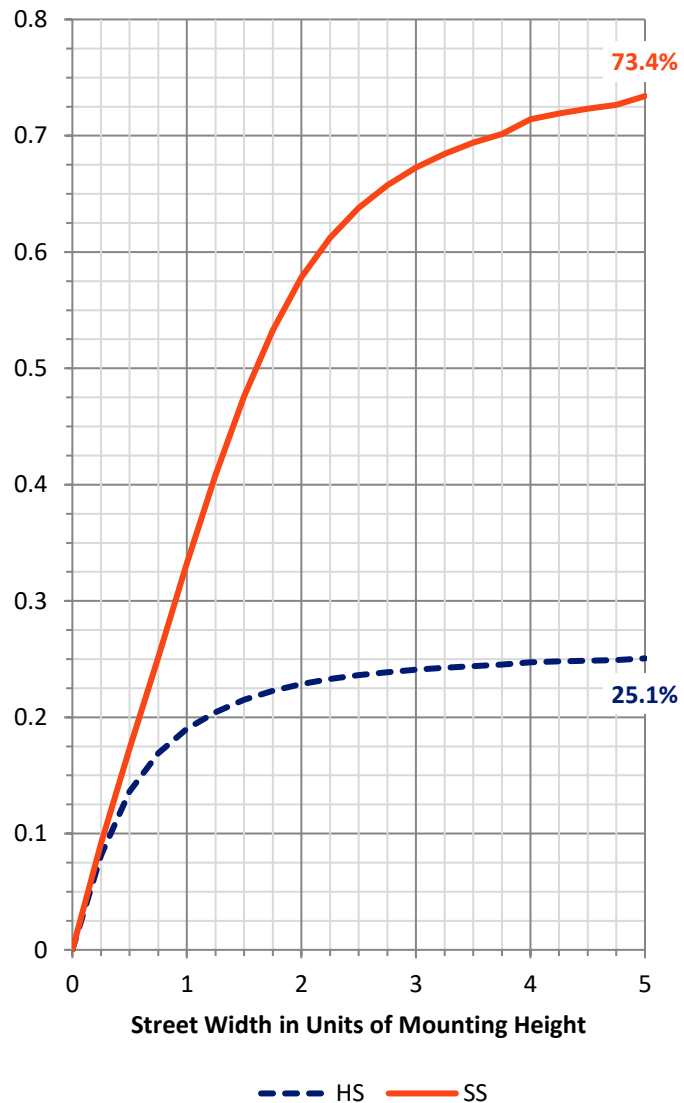
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16946.0	0.0	16946.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	49731.3	0.0	49731.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	66677.3	0.0	66677.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	909.5	1.4
10°-20°	2855.2	4.3
20°-30°	4410.3	6.6
30°-40°	5588.9	8.4
40°-50°	8429.5	12.6
50°-60°	13619.2	20.4
60°-70°	16978.5	25.5
70°-80°	11133.6	16.7
80°-90°	2752.5	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°	66677.3	100.0
0°-180°	66677.3	100.0

Coefficient of Utilization



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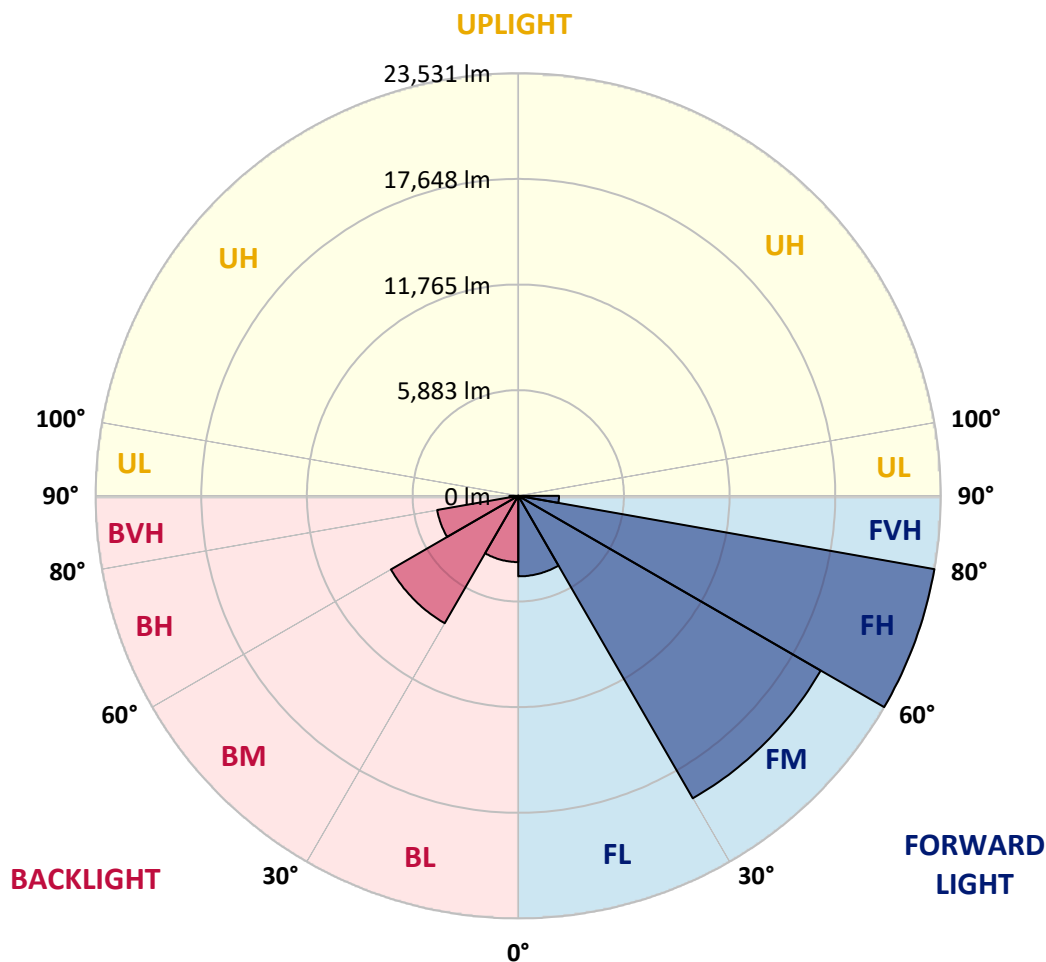
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4484.8	6.7			
FM	(30°-60°)	19448.3	29.2			
FH	(60°-80°)	23530.7	35.3			G5
FVH	(80°-90°)	2267.5	3.4			G5
BL	(0°-30°)	3690.2	5.5	B4/5000		
BM	(30°-60°)	8189.3	12.3	B4/8500		
BH	(60°-80°)	4581.4	6.9	B4/5000		G4/5000
BVH	(80°-90°)	485.0	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°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	9860.1	9897.3	9935.0	9988.1	10041.2	10072.9	10104.6	10120.4	10136.2	10129.2	10136.2
5°	10602.4	10733.0	10863.8	10993.3	11123.1	11193.5	11263.8	11306.5	11349.3	11381.7	11349.3
7.5°	11348.3	11560.8	11772.9	11964.0	12155.1	12270.1	12385.2	12447.4	12509.3	12539.2	12509.3
10°	11920.0	12171.3	12422.4	12646.6	12870.6	13006.4	13141.5	13202.1	13262.3	13285.1	13262.3
12.5°	12270.1	12542.4	12814.3	13017.0	13219.0	13317.5	13416.0	13449.0	13482.1	13485.6	13482.1
15°	12483.0	12718.0	12952.6	13079.6	13207.0	13210.5	13214.1	13178.8	13143.7	13102.2	13143.7
17.5°	12602.6	12761.2	12919.9	12922.4	12924.5	12782.0	12639.5	12509.0	12378.1	12286.0	12378.1
20°	12734.5	12789.7	12845.3	12678.2	12511.0	12196.6	11882.0	11653.0	11423.9	11283.2	11423.9
22.5°	12887.5	12815.1	12742.6	12396.3	12050.2	11587.5	11124.8	10838.5	10552.1	10396.6	10552.1
25°	13084.5	12855.9	12627.2	12101.6	11575.9	11014.0	10452.1	10151.0	9850.6	9703.5	9850.6
27.5°	13352.0	12943.1	12534.0	11837.7	11141.7	10519.1	9896.3	9600.0	9304.1	9165.1	9304.1
30°	13712.6	13102.9	12493.5	11636.4	10779.4	10130.6	9481.9	9207.1	8932.3	8802.8	8932.3
32.5°	14138.3	13303.4	12468.8	11499.3	10529.6	9919.8	9310.2	9094.4	8878.4	8785.2	8878.4
35°	14655.4	13633.7	12612.4	11602.0	10591.8	10168.2	9745.0	9694.7	9644.3	9636.6	9644.3
37.5°	15526.3	14324.4	13122.6	12204.3	11286.0	11258.6	11231.1	11461.2	11691.4	11811.0	11691.4
40°	16842.1	15535.1	14228.0	13545.1	12862.2	13344.3	13826.2	14385.7	14945.0	15223.7	14945.0
42.5°	18587.2	17290.3	15993.5	15600.2	15206.8	16258.0	17309.4	18326.8	19344.3	19941.8	19344.3
45°	20742.2	19577.3	18412.0	18238.5	18064.7	19749.0	21433.5	23105.4	24777.6	25792.7	24777.6
47.5°	23437.1	22303.9	21170.4	21135.2	21099.9	23529.7	25958.7	28406.4	30853.7	32291.0	30853.7
50°	26969.6	25569.6	24170.0	24176.1	24182.0	27313.3	30444.5	33675.5	36906.3	38859.7	36906.3
52.5°	31024.4	29329.2	27634.5	27463.1	27291.4	31031.8	34772.1	38769.6	42766.7	45108.2	42766.7
55°	35341.4	33666.6	31991.9	31323.8	30655.7	34818.5	38981.1	43746.6	48512.1	51296.8	48512.1
57.5°	39267.8	38355.8	37443.6	36103.5	34763.7	38967.0	43170.3	48568.1	53965.5	57418.8	53965.5
60°	41640.9	43057.4	44474.1	42810.0	41145.9	45123.7	49101.5	54880.7	60659.8	64392.0	60659.8
62.5°	40435.8	44306.3	48176.8	47989.3	47801.4	51445.4	55089.6	60588.0	66086.1	69535.8	66086.1
65°	38024.1	41656.7	45289.3	46008.1	46726.6	51357.4	55988.6	61320.2	66651.4	69588.5	66651.4
67.5°	34792.5	38247.5	41702.4	42039.6	42376.2	47201.2	52025.8	57380.3	62734.9	65035.8	62734.9
70°	30910.1	34668.0	38426.2	38576.8	38727.7	43042.6	47357.0	51965.0	56572.5	57851.5	56572.5
72.5°	26283.5	30595.8	34908.6	35017.0	35125.0	38500.8	41876.6	45327.8	48778.4	48908.0	48778.4
75°	20430.8	24894.1	29357.4	29758.2	30158.9	32785.3	35411.7	37841.2	40270.5	39619.6	40270.5
77.5°	14597.4	18763.9	22930.6	23504.1	24077.6	26074.2	28070.8	29793.7	31517.0	30398.1	31517.0
80°	9553.9	13059.2	16564.2	17277.0	17989.8	19497.8	21005.0	21909.9	22814.4	21014.9	22814.4
82.5°	5553.7	7950.0	10346.7	11142.8	11939.4	12977.2	14015.1	14392.6	14769.8	13355.4	14769.8
85°	2443.5	3715.3	4987.2	5664.5	6341.8	7194.6	8047.1	8261.3	8475.6	7342.7	8475.6
87.5°	756.4	1183.9	1611.4	1989.2	2367.1	2793.5	3219.9	3238.3	3256.2	2733.7	3256.2
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°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	10120.4	10104.6	10072.9	10041.2	9988.1	9935.0	9897.3	9860.1	9784.4	9708.8	9628.2
5°	11306.5	11263.8	11193.5	11123.1	10993.3	10863.8	10733.0	10602.4	10435.3	10268.1	10101.4
7.5°	12447.4	12385.2	12270.1	12155.1	11964.0	11772.9	11560.8	11348.3	11072.5	10796.9	10542.2
10°	13202.1	13141.5	13006.4	12870.6	12646.6	12422.4	12171.3	11920.0	11571.3	11222.7	10886.0
12.5°	13449.0	13416.0	13317.5	13219.0	13017.0	12814.3	12542.4	12270.1	11886.9	11504.2	11122.8
15°	13178.8	13214.1	13210.5	13207.0	13079.6	12952.6	12718.0	12483.0	12083.6	11684.3	11270.5
17.5°	12509.0	12639.5	12782.0	12924.5	12922.4	12919.9	12761.2	12602.6	12197.6	11792.6	11341.2
20°	11653.0	11882.0	12196.6	12511.0	12678.2	12845.3	12789.7	12734.5	12313.7	11892.6	11396.5
22.5°	10838.5	11124.8	11587.5	12050.2	12396.3	12742.6	12815.1	12887.5	12457.6	12027.3	11471.1
25°	10151.0	10452.1	11014.0	11575.9	12101.6	12627.2	12855.9	13084.5	12663.1	12242.0	11606.2
27.5°	9600.0	9896.3	10519.1	11141.7	11837.7	12534.0	12943.1	13352.0	12950.2	12548.0	11817.3
30°	9207.1	9481.9	10130.6	10779.4	11636.4	12493.5	13102.9	13712.6	13324.2	12936.1	12090.7
32.5°	9094.4	9310.2	9919.8	10529.6	11499.3	12468.8	13303.4	14138.3	13753.8	13369.6	12376.0
35°	9694.7	9745.0	10168.2	10591.8	11602.0	12612.4	13633.7	14655.4	14287.5	13919.1	12701.1
37.5°	11461.2	11231.1	11258.6	11286.0	12204.3	13122.6	14324.4	15526.3	15056.9	14587.6	13065.3
40°	14385.7	13826.2	13344.3	12862.2	13545.1	14228.0	15535.1	16842.1	16158.2	15474.2	13527.5
42.5°	18326.8	17309.4	16258.0	15206.8	15600.2	15993.5	17290.3	18587.2	17600.0	16612.7	14132.3
45°	23105.4	21433.5	19749.0	18064.7	18238.5	18412.0	19577.3	20742.2	19410.5	18078.8	14928.2
47.5°	28406.4	25958.7	23529.7	21099.9	21135.2	21170.4	22303.9	23437.1	21563.0	19688.4	15776.1
50°	33675.5	30444.5	27313.3	24182.0	24176.1	24170.0	25569.6	26969.6	24144.0	21318.2	16562.8
52.5°	38769.6	34772.1	31031.8	27291.4	27463.1	27634.5	29329.2	31024.4	26855.2	22686.0	17073.6
55°	43746.6	38981.1	34818.5	30655.7	31323.8	31991.9	33666.6	35341.4	29258.9	23176.8	16961.1
57.5°	48568.1	43170.3	38967.0	34763.7	36103.5	37443.6	38355.8	39267.8	30962.5	22657.2	16168.8
60°	54880.7	49101.5	45123.7	41145.9	42810.0	44474.1	43057.4	41640.9	31388.2	21135.2	14694.2
62.5°	60588.0	55089.6	51445.4	47801.4	47989.3	48176.8	44306.3	40435.8	29595.6	18755.3	12700.4
65°	61320.2	55988.6	51357.4	46726.6	46008.1	45289.3	41656.7	38024.1	27059.3	16094.4	10666.0
67.5°	57380.3	52025.8	47201.2	42376.2	42039.6	41702.4	38247.5	34792.5	24041.0	13289.3	8673.3
70°	51965.0	47357.0	43042.6	38727.7	38576.8	38426.2	34668.0	30910.1	20747.4	10584.9	6829.1
72.5°	45327.8	41876.6	38500.8	35125.0	35017.0	34908.6	30595.8	26283.5	17177.1	8071.0	5220.8
75°	37841.2	35411.7	32785.3	30158.9	29758.2	29357.4	24894.1	20430.8	13084.2	5737.6	3789.2
77.5°	29793.7	28070.8	26074.2	24077.6	23504.1	22930.6	18763.9	14597.4	9157.8	3718.2	2567.6
80°	21909.9	21005.0	19497.8	17989.8	17277.0	16564.2	13059.2	9553.9	5900.2	2246.4	1654.4
82.5°	14392.6	14015.1	12977.2	11939.4	11142.8	10346.7	7950.0	5553.7	3414.9	1276.4	1017.5
85°	8261.3	8047.1	7194.6	6341.8	5664.5	4987.2	3715.3	2443.5	1536.1	629.0	544.0
87.5°	3238.3	3219.9	2793.5	2367.1	1989.2	1611.4	1183.9	756.4	503.1	249.8	225.5
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°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	9548.0	9467.0	9386.1	9308.7	9231.4	9156.4	9073.0	9005.4	8938.2	8877.4	8816.8
5°	9935.0	9767.1	9599.7	9443.1	9286.6	9138.8	8992.7	8865.4	8737.7	8630.7	8524.1
7.5°	10287.5	10039.5	9791.4	9573.0	9354.5	9152.8	8963.9	8794.4	8625.2	8484.4	8343.7
10°	10549.6	10248.5	9946.9	9688.7	9429.8	9181.0	8978.0	8799.3	8620.6	8479.8	8339.1
12.5°	10741.4	10386.0	10030.6	9738.3	9446.0	9184.5	8995.6	8849.2	8703.6	8610.0	8517.1
15°	10856.8	10447.6	10038.4	9700.0	9361.5	9072.0	8920.7	8850.7	8781.0	8793.7	8806.3
17.5°	10889.8	10414.9	9939.9	9532.8	9125.8	8785.2	8692.0	8717.6	8742.9	8896.4	9049.8
20°	10900.4	10324.8	9749.2	9244.7	8740.2	8343.7	8319.0	8438.6	8558.2	8824.6	9091.3
22.5°	10914.5	10214.3	9514.2	8906.6	8299.0	7847.6	7895.8	8072.8	8249.7	8553.7	8858.4
25°	10970.1	10105.3	9240.8	8529.0	7817.7	7355.0	7485.2	7689.2	7893.3	8166.7	8440.4
27.5°	11086.2	10032.4	8978.7	8183.9	7389.1	6968.0	7126.3	7323.3	7520.4	7745.2	7969.7
30°	11245.2	9998.4	8750.7	7895.5	7040.1	6686.6	6810.7	6966.9	7123.9	7310.3	7496.8
32.5°	11382.4	9956.1	8529.0	7646.7	6764.0	6478.9	6534.2	6626.7	6719.3	6868.1	7017.3
35°	11483.1	9876.6	8270.8	7402.1	6533.5	6296.0	6273.1	6298.4	6324.1	6437.8	6551.1
37.5°	11542.8	9740.5	7938.0	7114.3	6290.7	6083.2	5999.4	5971.2	5943.2	6024.7	6106.0
40°	11580.4	9552.9	7525.7	6770.9	6016.3	5828.0	5699.6	5636.0	5572.3	5631.0	5689.8
42.5°	11651.9	9359.4	7067.6	6392.1	5716.5	5543.1	5381.2	5296.8	5212.3	5260.2	5308.4
45°	11777.6	9179.6	6582.0	5989.6	5397.0	5221.1	5064.6	4982.3	4900.3	4940.4	4981.2
47.5°	11863.8	9031.2	6198.6	5671.1	5143.8	4916.8	4782.0	4713.2	4644.2	4682.2	4719.8
50°	11807.4	8869.3	5931.2	5459.7	4988.3	4689.9	4533.4	4472.1	4411.3	4470.3	4529.8
52.5°	11460.8	8596.0	5731.3	5320.4	4909.8	4566.8	4347.9	4287.4	4227.2	4316.3	4404.9
55°	10744.9	8142.8	5540.6	5219.4	4898.2	4579.1	4249.4	4153.7	4058.4	4184.7	4310.6
57.5°	9680.6	7503.8	5326.7	5099.8	4872.8	4591.4	4190.3	4051.0	3911.6	4047.4	4183.2
60°	8253.2	6674.2	5095.2	4916.8	4738.5	4552.6	4134.7	3954.2	3773.3	3892.6	4011.5
62.5°	6645.4	5681.4	4717.4	4598.8	4480.6	4457.7	4070.0	3844.1	3618.6	3694.2	3769.8
65°	5238.1	4788.1	4338.1	4282.1	4226.2	4229.0	3933.4	3693.5	3453.2	3482.4	3511.2
67.5°	4057.3	3929.5	3801.5	3832.9	3863.8	3856.0	3690.0	3490.1	3290.4	3281.1	3272.0
70°	3073.3	3109.8	3146.0	3291.1	3435.6	3435.6	3381.1	3239.0	3096.8	3065.2	3033.5
72.5°	2370.6	2480.7	2591.2	2796.7	3001.8	3036.3	3037.0	2939.5	2842.1	2795.7	2749.6
75°	1840.8	1940.7	2040.6	2270.7	2500.8	2659.9	2646.4	2571.5	2496.3	2451.9	2407.2
77.5°	1417.2	1485.1	1553.3	1776.7	2000.2	2262.3	2255.2	2195.0	2134.9	2089.9	2044.9
80°	1062.5	1090.7	1118.8	1308.1	1497.0	1810.2	1809.1	1758.8	1708.2	1670.4	1632.5
82.5°	759.2	764.1	769.8	909.2	1048.5	1315.9	1330.7	1306.0	1281.4	1254.6	1227.8
85°	459.1	456.6	453.9	555.9	657.9	856.7	876.1	849.6	823.3	793.3	763.5
87.5°	201.2	198.7	196.3	237.8	279.7	362.3	387.0	376.5	365.9	360.3	354.6
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: P971445

CATALOG NUMBER: NAV-SB6D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	8763.8	8710.7	8657.2	8604.1	8562.8	8521.3	8487.9	8454.5	8428.5	8402.4	8378.5
5°	8429.8	8335.6	8250.0	8164.2	8098.4	8032.3	7986.2	7940.1	7907.4	7874.7	7849.7
7.5°	8225.1	8106.2	8001.4	7896.8	7818.4	7740.3	7685.3	7630.5	7592.9	7555.6	7533.0
10°	8211.4	8083.3	7965.5	7847.6	7754.0	7660.0	7598.8	7536.9	7501.4	7465.8	7446.8
12.5°	8416.5	8316.5	8194.5	8072.8	7953.1	7833.5	7754.3	7675.2	7635.4	7596.0	7579.9
15°	8780.3	8754.2	8648.3	8542.5	8372.2	8201.8	8081.5	7961.2	7906.0	7851.1	7830.0
17.5°	9131.4	9212.7	9127.2	9042.0	8816.5	8591.0	8413.7	8236.4	8154.7	8072.8	8046.0
20°	9261.9	9432.6	9393.2	9353.4	9095.5	8838.0	8620.6	8403.5	8299.0	8194.2	8160.7
22.5°	9080.4	9302.4	9326.3	9349.8	9103.6	8857.3	8633.6	8409.4	8299.3	8188.8	8151.9
25°	8658.9	8877.4	8959.0	9040.3	8838.4	8636.8	8437.6	8239.2	8143.4	8048.1	8013.2
27.5°	8144.9	8320.1	8410.8	8502.0	8358.1	8214.6	8060.1	7905.6	7841.6	7777.2	7761.4
30°	7642.1	7787.7	7861.6	7935.6	7826.1	7716.3	7605.9	7494.7	7462.0	7428.9	7428.9
32.5°	7156.6	7296.3	7378.3	7460.6	7359.9	7258.9	7170.7	7082.3	7060.9	7039.4	7042.3
35°	6689.0	6827.2	6925.8	7024.3	6952.5	6881.1	6799.4	6718.2	6685.5	6653.1	6646.1
37.5°	6243.6	6381.5	6503.2	6625.0	6591.9	6558.9	6483.8	6408.6	6349.2	6290.0	6258.8
40°	5822.8	5955.8	6095.8	6236.2	6244.3	6252.0	6188.3	6124.7	6038.1	5952.3	5893.9
42.5°	5434.3	5560.7	5711.9	5863.2	5903.7	5944.2	5890.4	5836.9	5729.5	5622.2	5537.5
45°	5100.8	5220.4	5377.4	5534.3	5592.3	5650.4	5601.8	5553.7	5430.9	5308.4	5208.8
47.5°	4837.0	4953.7	5108.6	5263.4	5330.2	5397.0	5363.3	5329.5	5220.4	5111.4	5019.2
50°	4640.3	4750.4	4889.0	5027.6	5113.5	5199.3	5197.3	5195.8	5108.6	5021.4	4936.2
52.5°	4506.2	4607.2	4736.3	4865.8	4967.5	5069.1	5087.5	5105.7	5034.7	4963.7	4887.3
55°	4419.7	4528.8	4642.0	4755.0	4862.6	4970.6	4996.0	5021.4	4959.4	4897.4	4830.6
57.5°	4311.4	4439.4	4551.3	4663.5	4772.2	4880.6	4906.3	4932.0	4869.4	4806.7	4740.5
60°	4158.6	4305.7	4419.4	4533.4	4642.4	4751.5	4779.6	4807.8	4746.6	4685.7	4617.4
62.5°	3941.2	4112.9	4234.3	4355.6	4455.6	4555.5	4582.6	4609.7	4554.5	4499.2	4427.4
65°	3694.9	3878.9	3995.0	4111.2	4199.1	4287.1	4314.8	4342.3	4289.2	4236.0	4166.4
67.5°	3441.6	3611.6	3721.7	3831.4	3907.4	3983.5	4010.5	4037.3	3988.4	3939.8	3875.0
70°	3182.6	3331.9	3426.8	3521.8	3590.5	3659.0	3685.1	3711.1	3671.3	3631.6	3569.7
72.5°	2867.0	2984.2	3070.1	3155.9	3223.1	3290.4	3321.3	3352.3	3319.2	3286.0	3227.0
75°	2494.4	2581.8	2659.5	2737.3	2798.5	2859.6	2892.0	2924.4	2908.2	2892.0	2842.4
77.5°	2115.9	2186.6	2253.5	2320.3	2384.7	2448.7	2479.0	2509.3	2486.8	2463.5	2413.6
80°	1691.6	1750.4	1806.7	1862.9	1911.8	1960.4	2000.5	2040.6	2030.7	2021.3	1954.1
82.5°	1222.9	1218.0	1198.3	1178.6	1282.8	1386.9	1455.2	1523.5	1519.2	1514.6	1458.0
85°	738.1	712.5	657.9	603.4	700.9	798.7	883.1	967.5	960.5	953.5	909.2
87.5°	353.6	352.5	311.0	269.2	310.0	351.2	385.3	419.4	410.9	401.8	379.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P971445

CATALOG NUMBER: NAV-SB6D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	8354.3	8324.3	8354.3	8378.5	8402.4	8428.5	8454.5	8487.9	8521.3	8562.8	8604.1
5°	7824.7	7800.0	7824.7	7849.7	7874.7	7907.4	7940.1	7986.2	8032.3	8098.4	8164.2
7.5°	7510.9	7494.0	7510.9	7533.0	7555.6	7592.9	7630.5	7685.3	7740.3	7818.4	7896.8
10°	7427.9	7420.1	7427.9	7446.8	7465.8	7501.4	7536.9	7598.8	7660.0	7754.0	7847.6
12.5°	7563.7	7560.8	7563.7	7579.9	7596.0	7635.4	7675.2	7754.3	7833.5	7953.1	8072.8
15°	7808.9	7807.1	7808.9	7830.0	7851.1	7906.0	7961.2	8081.5	8201.8	8372.2	8542.5
17.5°	8018.9	8014.7	8018.9	8046.0	8072.8	8154.7	8236.4	8413.7	8591.0	8816.5	9042.0
20°	8127.3	8116.8	8127.3	8160.7	8194.2	8299.0	8403.5	8620.6	8838.0	9095.5	9353.4
22.5°	8114.9	8099.1	8114.9	8151.9	8188.8	8299.3	8409.4	8633.6	8857.3	9103.6	9349.8
25°	7978.8	7958.4	7978.8	8013.2	8048.1	8143.4	8239.2	8437.6	8636.8	8838.4	9040.3
27.5°	7745.5	7740.3	7745.5	7761.4	7777.2	7841.6	7905.6	8060.1	8214.6	8358.1	8502.0
30°	7428.9	7434.2	7428.9	7428.9	7428.9	7462.0	7494.7	7605.9	7716.3	7826.1	7935.6
32.5°	7045.4	7050.7	7045.4	7042.3	7039.4	7060.9	7082.3	7170.7	7258.9	7359.9	7460.6
35°	6639.0	6635.5	6639.0	6646.1	6653.1	6685.5	6718.2	6799.4	6881.1	6952.5	7024.3
37.5°	6227.4	6209.8	6227.4	6258.8	6290.0	6349.2	6408.6	6483.8	6558.9	6591.9	6625.0
40°	5836.1	5801.7	5836.1	5893.9	5952.3	6038.1	6124.7	6188.3	6252.0	6244.3	6236.2
42.5°	5452.7	5397.0	5452.7	5537.5	5622.2	5729.5	5836.9	5890.4	5944.2	5903.7	5863.2
45°	5109.3	5045.3	5109.3	5208.8	5308.4	5430.9	5553.7	5601.8	5650.4	5592.3	5534.3
47.5°	4927.4	4865.8	4927.4	5019.2	5111.4	5220.4	5329.5	5363.3	5397.0	5330.2	5263.4
50°	4851.0	4792.0	4851.0	4936.2	5021.4	5108.6	5195.8	5197.3	5199.3	5113.5	5027.6
52.5°	4811.2	4756.7	4811.2	4887.3	4963.7	5034.7	5105.7	5087.5	5069.1	4967.5	4865.8
55°	4763.8	4714.5	4763.8	4830.6	4897.4	4959.4	5021.4	4996.0	4970.6	4862.6	4755.0
57.5°	4674.1	4623.1	4674.1	4740.5	4806.7	4869.4	4932.0	4906.3	4880.6	4772.2	4663.5
60°	4549.2	4496.4	4549.2	4617.4	4685.7	4746.6	4807.8	4779.6	4751.5	4642.4	4533.4
62.5°	4355.6	4292.3	4355.6	4427.4	4499.2	4554.5	4609.7	4582.6	4555.5	4455.6	4355.6
65°	4097.0	4042.5	4097.0	4166.4	4236.0	4289.2	4342.3	4314.8	4287.1	4199.1	4111.2
67.5°	3810.3	3761.0	3810.3	3875.0	3939.8	3988.4	4037.3	4010.5	3983.5	3907.4	3831.4
70°	3507.8	3451.5	3507.8	3569.7	3631.6	3671.3	3711.1	3685.1	3659.0	3590.5	3521.8
72.5°	3168.3	3113.7	3168.3	3227.0	3286.0	3319.2	3352.3	3321.3	3290.4	3223.1	3155.9
75°	2792.8	2740.7	2792.8	2842.4	2892.0	2908.2	2924.4	2892.0	2859.6	2798.5	2737.3
77.5°	2363.5	2322.0	2363.5	2413.6	2463.5	2486.8	2509.3	2479.0	2448.7	2384.7	2320.3
80°	1886.5	1808.4	1886.5	1954.1	2021.3	2030.7	2040.6	2000.5	1960.4	1911.8	1862.9
82.5°	1401.0	1351.1	1401.0	1458.0	1514.6	1519.2	1523.5	1455.2	1386.9	1282.8	1178.6
85°	864.8	819.8	864.8	909.2	953.5	960.5	967.5	883.1	798.7	700.9	603.4
87.5°	356.1	334.3	356.1	379.2	401.8	410.9	419.4	385.3	351.2	310.0	269.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P971445

CATALOG NUMBER: NAV-SB6D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	8657.2	8710.7	8763.8	8816.8	8877.4	8938.2	9005.4	9073.0	9156.4	9231.4	9308.7
5°	8250.0	8335.6	8429.8	8524.1	8630.7	8737.7	8865.4	8992.7	9138.8	9286.6	9443.1
7.5°	8001.4	8106.2	8225.1	8343.7	8484.4	8625.2	8794.4	8963.9	9152.8	9354.5	9573.0
10°	7965.5	8083.3	8211.4	8339.1	8479.8	8620.6	8799.3	8978.0	9181.0	9429.8	9688.7
12.5°	8194.5	8316.5	8416.5	8517.1	8610.0	8703.6	8849.2	8995.6	9184.5	9446.0	9738.3
15°	8648.3	8754.2	8780.3	8806.3	8793.7	8781.0	8850.7	8920.7	9072.0	9361.5	9700.0
17.5°	9127.2	9212.7	9131.4	9049.8	8896.4	8742.9	8717.6	8692.0	8785.2	9125.8	9532.8
20°	9393.2	9432.6	9261.9	9091.3	8824.6	8558.2	8438.6	8319.0	8343.7	8740.2	9244.7
22.5°	9326.3	9302.4	9080.4	8858.4	8553.7	8249.7	8072.8	7895.8	7847.6	8299.0	8906.6
25°	8959.0	8877.4	8658.9	8440.4	8166.7	7893.3	7689.2	7485.2	7355.0	7817.7	8529.0
27.5°	8410.8	8320.1	8144.9	7969.7	7745.2	7520.4	7323.3	7126.3	6968.0	7389.1	8183.9
30°	7861.6	7787.7	7642.1	7496.8	7310.3	7123.9	6966.9	6810.7	6686.6	7040.1	7895.5
32.5°	7378.3	7296.3	7156.6	7017.3	6868.1	6719.3	6626.7	6534.2	6478.9	6764.0	7646.7
35°	6925.8	6827.2	6689.0	6551.1	6437.8	6324.1	6298.4	6273.1	6296.0	6533.5	7402.1
37.5°	6503.2	6381.5	6243.6	6106.0	6024.7	5943.2	5971.2	5999.4	6083.2	6290.7	7114.3
40°	6095.8	5955.8	5822.8	5689.8	5631.0	5572.3	5636.0	5699.6	5828.0	6016.3	6770.9
42.5°	5711.9	5560.7	5434.3	5308.4	5260.2	5212.3	5296.8	5381.2	5543.1	5716.5	6392.1
45°	5377.4	5220.4	5100.8	4981.2	4940.4	4900.3	4982.3	5064.6	5221.1	5397.0	5989.6
47.5°	5108.6	4953.7	4837.0	4719.8	4682.2	4644.2	4713.2	4782.0	4916.8	5143.8	5671.1
50°	4889.0	4750.4	4640.3	4529.8	4470.3	4411.3	4472.1	4533.4	4689.9	4988.3	5459.7
52.5°	4736.3	4607.2	4506.2	4404.9	4316.3	4227.2	4287.4	4347.9	4566.8	4909.8	5320.4
55°	4642.0	4528.8	4419.7	4310.6	4184.7	4058.4	4153.7	4249.4	4579.1	4898.2	5219.4
57.5°	4551.3	4439.4	4311.4	4183.2	4047.4	3911.6	4051.0	4190.3	4591.4	4872.8	5099.8
60°	4419.4	4305.7	4158.6	4011.5	3892.6	3773.3	3954.2	4134.7	4552.6	4738.5	4916.8
62.5°	4234.3	4112.9	3941.2	3769.8	3694.2	3618.6	3844.1	4070.0	4457.7	4480.6	4598.8
65°	3995.0	3878.9	3694.9	3511.2	3482.4	3453.2	3693.5	3933.4	4229.0	4226.2	4282.1
67.5°	3721.7	3611.6	3441.6	3272.0	3281.1	3290.4	3490.1	3690.0	3856.0	3863.8	3832.9
70°	3426.8	3331.9	3182.6	3033.5	3065.2	3096.8	3239.0	3381.1	3435.6	3435.6	3291.1
72.5°	3070.1	2984.2	2867.0	2749.6	2795.7	2842.1	2939.5	3037.0	3036.3	3001.8	2796.7
75°	2659.5	2581.8	2494.4	2407.2	2451.9	2496.3	2571.5	2646.4	2659.9	2500.8	2270.7
77.5°	2253.5	2186.6	2115.9	2044.9	2089.9	2134.9	2195.0	2255.2	2262.3	2000.2	1776.7
80°	1806.7	1750.4	1691.6	1632.5	1670.4	1708.2	1758.8	1809.1	1810.2	1497.0	1308.1
82.5°	1198.3	1218.0	1222.9	1227.8	1254.6	1281.4	1306.0	1330.7	1315.9	1048.5	909.2
85°	657.9	712.5	738.1	763.5	793.3	823.3	849.6	876.1	856.7	657.9	555.9
87.5°	311.0	352.5	353.6	354.6	360.3	365.9	376.5	387.0	362.3	279.7	237.8
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: P971445

CATALOG NUMBER: NAV-SB6D-740-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7	9168.7
2.5°	9386.1	9467.0	9548.0	9628.2	9708.8	9784.4	9860.1
5°	9599.7	9767.1	9935.0	10101.4	10268.1	10435.3	10602.4
7.5°	9791.4	10039.5	10287.5	10542.2	10796.9	11072.5	11348.3
10°	9946.9	10248.5	10549.6	10886.0	11222.7	11571.3	11920.0
12.5°	10030.6	10386.0	10741.4	11122.8	11504.2	11886.9	12270.1
15°	10038.4	10447.6	10856.8	11270.5	11684.3	12083.6	12483.0
17.5°	9939.9	10414.9	10889.8	11341.2	11792.6	12197.6	12602.6
20°	9749.2	10324.8	10900.4	11396.5	11892.6	12313.7	12734.5
22.5°	9514.2	10214.3	10914.5	11471.1	12027.3	12457.6	12887.5
25°	9240.8	10105.3	10970.1	11606.2	12242.0	12663.1	13084.5
27.5°	8978.7	10032.4	11086.2	11817.3	12548.0	12950.2	13352.0
30°	8750.7	9998.4	11245.2	12090.7	12936.1	13324.2	13712.6
32.5°	8529.0	9956.1	11382.4	12376.0	13369.6	13753.8	14138.3
35°	8270.8	9876.6	11483.1	12701.1	13919.1	14287.5	14655.4
37.5°	7938.0	9740.5	11542.8	13065.3	14587.6	15056.9	15526.3
40°	7525.7	9552.9	11580.4	13527.5	15474.2	16158.2	16842.1
42.5°	7067.6	9359.4	11651.9	14132.3	16612.7	17600.0	18587.2
45°	6582.0	9179.6	11777.6	14928.2	18078.8	19410.5	20742.2
47.5°	6198.6	9031.2	11863.8	15776.1	19688.4	21563.0	23437.1
50°	5931.2	8869.3	11807.4	16562.8	21318.2	24144.0	26969.6
52.5°	5731.3	8596.0	11460.8	17073.6	22686.0	26855.2	31024.4
55°	5540.6	8142.8	10744.9	16961.1	23176.8	29258.9	35341.4
57.5°	5326.7	7503.8	9680.6	16168.8	22657.2	30962.5	39267.8
60°	5095.2	6674.2	8253.2	14694.2	21135.2	31388.2	41640.9
62.5°	4717.4	5681.4	6645.4	12700.4	18755.3	29595.6	40435.8
65°	4338.1	4788.1	5238.1	10666.0	16094.4	27059.3	38024.1
67.5°	3801.5	3929.5	4057.3	8673.3	13289.3	24041.0	34792.5
70°	3146.0	3109.8	3073.3	6829.1	10584.9	20747.4	30910.1
72.5°	2591.2	2480.7	2370.6	5220.8	8071.0	17177.1	26283.5
75°	2040.6	1940.7	1840.8	3789.2	5737.6	13084.2	20430.8
77.5°	1553.3	1485.1	1417.2	2567.6	3718.2	9157.8	14597.4
80°	1118.8	1090.7	1062.5	1654.4	2246.4	5900.2	9553.9
82.5°	769.8	764.1	759.2	1017.5	1276.4	3414.9	5553.7
85°	453.9	456.6	459.1	544.0	629.0	1536.1	2443.5
87.5°	196.3	198.7	201.2	225.5	249.8	503.1	756.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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