

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: P970980

Luminaire Tested: **NAV-SB6C-760-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970980
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-760-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 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: 49071.9 lumens
Efficiency: N/A
Efficacy: 163.1 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

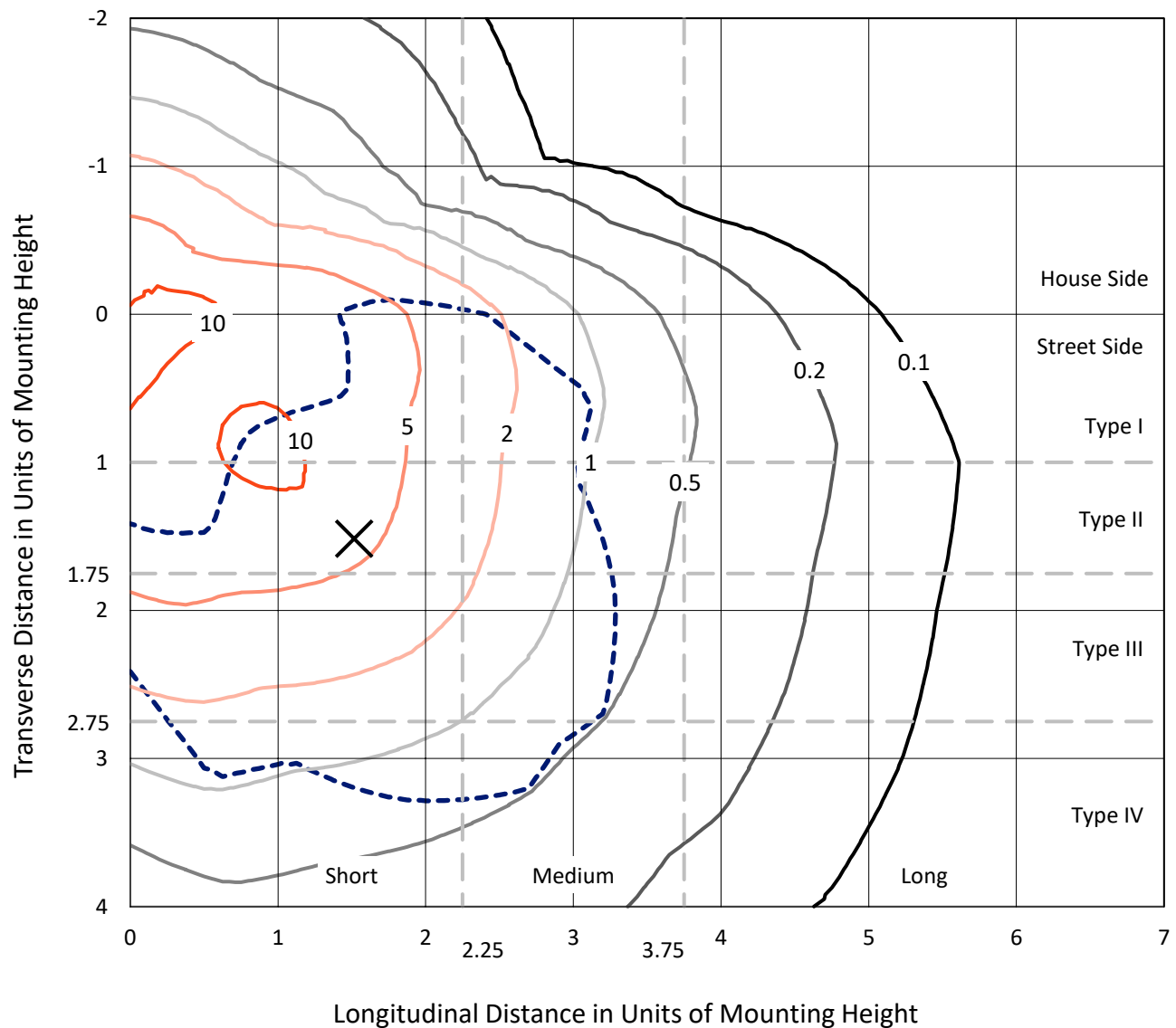


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

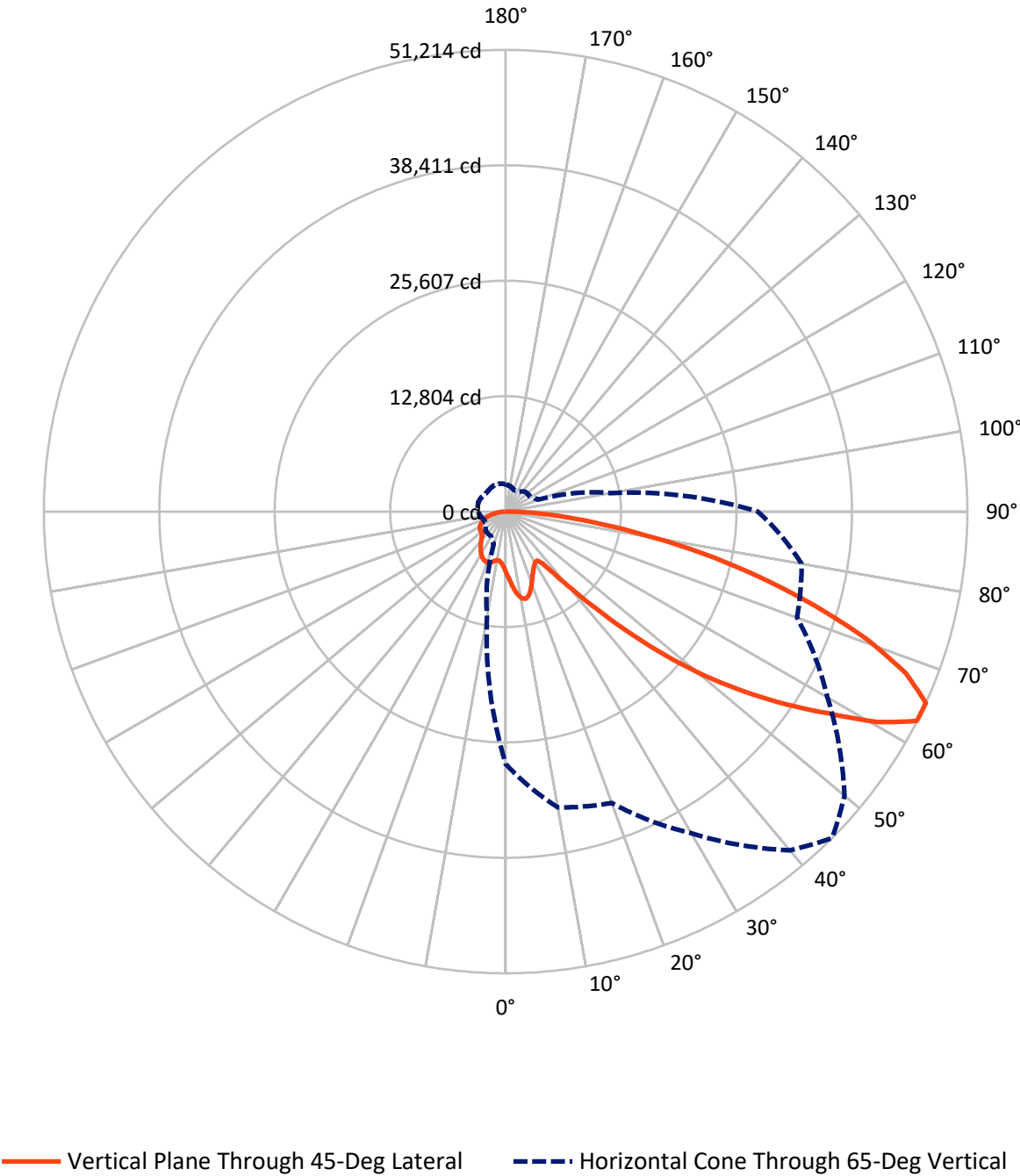


Based on 25 foot mounting height. Maximum calculated value = 14.9 fc

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	12471.6	0.0	12471.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	36600.3	0.0	36600.3
	% Fixture	74.6	0.0	74.6
Total	Lumens	49071.9	0.0	49071.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	669.4	1.4
10°-20°	2101.3	4.3
20°-30°	3245.8	6.6
30°-40°	4113.2	8.4
40°-50°	6203.8	12.6
50°-60°	10023.2	20.4
60°-70°	12495.5	25.5
70°-80°	8193.9	16.7
80°-90°	2025.7	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°	49071.9	100.0
0°-180°	49071.9	100.0

Coefficient of Utilization



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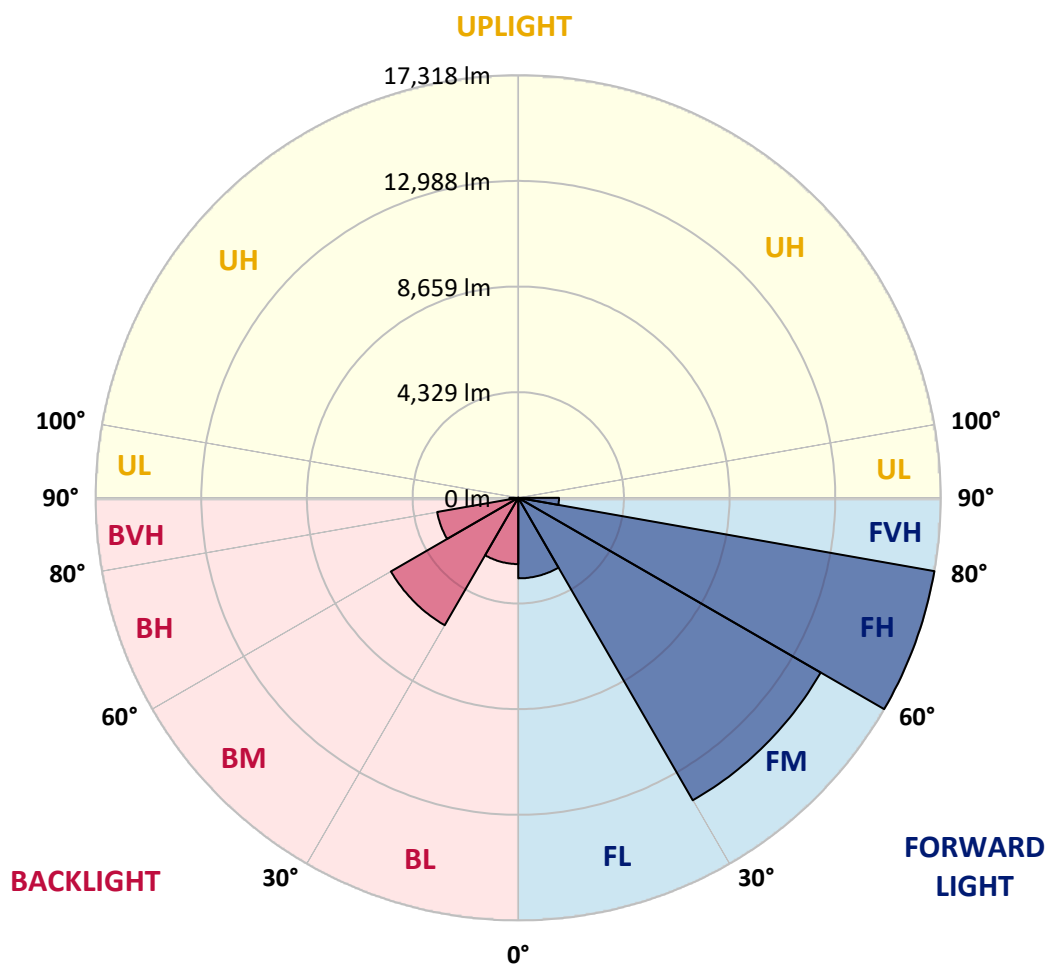
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3300.6	6.7			
FM	(30°-60°)	14313.2	29.2			
FH	(60°-80°)	17317.7	35.3			G5
FVH	(80°-90°)	1668.8	3.4			G5
BL	(0°-30°)	2715.8	5.5	B4/5000		
BM	(30°-60°)	6027.0	12.3	B4/8500		
BH	(60°-80°)	3371.7	6.9	B4/5000		G4/5000
BVH	(80°-90°)	357.0	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°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	7256.6	7284.1	7311.7	7350.9	7389.9	7413.3	7436.6	7448.3	7459.8	7454.7	7459.8
5°	7802.9	7899.1	7995.3	8090.6	8186.2	8237.9	8289.8	8321.1	8352.7	8376.5	8352.7
7.5°	8351.9	8508.3	8664.4	8805.1	8945.6	9030.4	9115.0	9160.8	9206.3	9228.4	9206.3
10°	8772.7	8957.6	9142.4	9307.4	9472.3	9572.3	9671.7	9716.2	9760.5	9777.4	9760.5
12.5°	9030.4	9230.7	9430.9	9580.1	9728.7	9801.2	9873.6	9898.0	9922.3	9924.9	9922.3
15°	9187.0	9359.9	9532.6	9626.1	9719.9	9722.4	9725.0	9699.2	9673.2	9642.7	9673.2
17.5°	9275.0	9391.8	9508.5	9510.4	9511.9	9407.0	9302.2	9206.1	9109.8	9041.9	9109.8
20°	9372.1	9412.8	9453.7	9330.7	9207.7	8976.2	8744.7	8576.2	8407.6	8304.0	8407.6
22.5°	9484.7	9431.4	9378.0	9123.2	8868.5	8528.0	8187.5	7976.7	7765.9	7651.5	7765.9
25°	9629.8	9461.5	9293.2	8906.2	8519.4	8105.9	7692.4	7470.7	7249.6	7141.4	7249.6
27.5°	9826.6	9525.6	9224.5	8712.1	8199.9	7741.6	7283.2	7065.2	6847.5	6745.2	6847.5
30°	10091.9	9643.2	9194.8	8564.0	7933.2	7455.7	6978.3	6776.1	6573.8	6478.5	6573.8
32.5°	10405.3	9790.8	9176.6	8463.0	7749.4	7300.7	6851.9	6693.1	6534.2	6465.6	6534.2
35°	10785.9	10033.9	9282.2	8538.6	7795.2	7483.4	7171.9	7134.9	7097.9	7092.2	7097.9
37.5°	11426.7	10542.2	9657.7	8981.9	8306.1	8285.9	8265.7	8435.0	8604.4	8692.4	8604.4
40°	12395.1	11433.2	10471.3	9968.6	9466.1	9820.8	10175.6	10587.2	10999.0	11204.1	10999.0
42.5°	13679.4	12725.1	11770.6	11481.1	11191.7	11965.3	12739.0	13487.9	14236.6	14676.4	14236.6
45°	15265.4	14408.1	13550.5	13422.9	13295.0	14534.5	15774.2	17004.6	18235.4	18982.4	18235.4
47.5°	17248.8	16414.9	15580.5	15554.7	15528.7	17317.0	19104.7	20906.0	22707.1	23764.9	22707.1
50°	19848.5	18818.3	17788.3	17792.6	17797.0	20101.5	22406.0	24783.8	27161.6	28599.2	27161.6
52.5°	22832.8	21585.2	20337.9	20211.9	20085.5	22838.2	25590.9	28532.9	31474.7	33197.9	31474.7
55°	26009.9	24777.3	23544.9	23053.1	22561.4	25625.1	28688.5	32195.8	35703.0	37752.5	35703.0
57.5°	28899.6	28228.4	27557.0	26570.7	25584.7	28678.2	31771.6	35744.2	39716.5	42258.0	39716.5
60°	30646.1	31688.5	32731.2	31506.6	30281.8	33209.3	36136.8	40390.0	44643.3	47390.0	44643.3
62.5°	29759.2	32607.7	35456.3	35318.2	35179.9	37861.8	40543.8	44590.4	48636.8	51175.6	48636.8
65°	27984.2	30657.7	33331.3	33860.2	34389.0	37797.1	41205.4	45129.2	49052.9	51214.4	49052.9
67.5°	25605.9	28148.7	30691.4	30939.4	31187.3	34738.3	38289.0	42229.7	46170.4	47863.8	46170.4
70°	22748.6	25514.3	28280.2	28391.1	28502.1	31677.6	34853.0	38244.2	41635.2	42576.4	41635.2
72.5°	19343.6	22517.4	25691.4	25771.2	25850.6	28335.1	30819.6	33359.4	35899.1	35994.3	35899.1
75°	15036.2	18321.1	21606.0	21900.9	22195.8	24128.7	26061.6	27849.6	29637.6	29158.5	29637.6
77.5°	10743.1	13809.4	16876.0	17298.0	17720.1	19189.5	20659.0	21927.0	23195.2	22371.9	23195.2
80°	7031.3	9611.1	12190.6	12715.2	13239.8	14349.6	15458.8	16124.8	16790.5	15466.1	16790.5
82.5°	4087.3	5850.9	7614.7	8200.7	8786.9	9550.7	10314.6	10592.5	10870.0	9829.1	10870.0
85°	1798.3	2734.3	3670.4	4168.8	4667.2	5294.9	5922.3	6080.0	6237.7	5403.9	6237.7
87.5°	556.7	871.4	1185.9	1464.0	1742.1	2055.9	2369.8	2383.2	2396.4	2011.9	2396.4
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	7448.3	7436.6	7413.3	7389.9	7350.9	7311.7	7284.1	7256.6	7200.9	7145.3	7085.9
5°	8321.1	8289.8	8237.9	8186.2	8090.6	7995.3	7899.1	7802.9	7679.9	7557.0	7434.2
7.5°	9160.8	9115.0	9030.4	8945.6	8805.1	8664.4	8508.3	8351.9	8148.9	7946.1	7758.6
10°	9716.2	9671.7	9572.3	9472.3	9307.4	9142.4	8957.6	8772.7	8516.1	8259.4	8011.7
12.5°	9898.0	9873.6	9801.2	9728.7	9580.1	9430.9	9230.7	9030.4	8748.4	8466.6	8186.0
15°	9699.2	9725.0	9722.4	9719.9	9626.1	9532.6	9359.9	9187.0	8893.1	8599.1	8294.7
17.5°	9206.1	9302.2	9407.0	9511.9	9510.4	9508.5	9391.8	9275.0	8976.9	8678.9	8346.7
20°	8576.2	8744.7	8976.2	9207.7	9330.7	9453.7	9412.8	9372.1	9062.4	8752.5	8387.4
22.5°	7976.7	8187.5	8528.0	8868.5	9123.2	9378.0	9431.4	9484.7	9168.3	8851.6	8442.3
25°	7470.7	7692.4	8105.9	8519.4	8906.2	9293.2	9461.5	9629.8	9319.5	9009.5	8541.7
27.5°	7065.2	7283.2	7741.6	8199.9	8712.1	9224.5	9525.6	9826.6	9530.9	9234.8	8697.0
30°	6776.1	6978.3	7455.7	7933.2	8564.0	9194.8	9643.2	10091.9	9806.1	9520.5	8898.2
32.5°	6693.1	6851.9	7300.7	7749.4	8463.0	9176.6	9790.8	10405.3	10122.2	9839.5	9108.3
35°	7134.9	7171.9	7483.4	7795.2	8538.6	9282.2	10033.9	10785.9	10515.1	10244.0	9347.5
37.5°	8435.0	8265.7	8285.9	8306.1	8981.9	9657.7	10542.2	11426.7	11081.3	10735.8	9615.5
40°	10587.2	10175.6	9820.8	9466.1	9968.6	10471.3	11433.2	12395.1	11891.7	11388.4	9955.7
42.5°	13487.9	12739.0	11965.3	11191.7	11481.1	11770.6	12725.1	13679.4	12952.9	12226.3	10400.9
45°	17004.6	15774.2	14534.5	13295.0	13422.9	13550.5	14408.1	15265.4	14285.3	13305.3	10986.6
47.5°	20906.0	19104.7	17317.0	15528.7	15554.7	15580.5	16414.9	17248.8	15869.6	14489.9	11610.6
50°	24783.8	22406.0	20101.5	17797.0	17792.6	17788.3	18818.3	19848.5	17769.1	15689.3	12189.5
52.5°	28532.9	25590.9	22838.2	20085.5	20211.9	20337.9	21585.2	22832.8	19764.4	16696.0	12565.5
55°	32195.8	28688.5	25625.1	22561.4	23053.1	23544.9	24777.3	26009.9	21533.4	17057.2	12482.7
57.5°	35744.2	31771.6	28678.2	25584.7	26570.7	27557.0	28228.4	28899.6	22787.2	16674.8	11899.5
60°	40390.0	36136.8	33209.3	30281.8	31506.6	32731.2	31688.5	30646.1	23100.5	15554.7	10814.4
62.5°	44590.4	40543.8	37861.8	35179.9	35318.2	35456.3	32607.7	29759.2	21781.2	13803.3	9347.0
65°	45129.2	41205.4	37797.1	34389.0	33860.2	33331.3	30657.7	27984.2	19914.5	11844.9	7849.9
67.5°	42229.7	38289.0	34738.3	31187.3	30939.4	30691.4	28148.7	25605.9	17693.1	9780.4	6383.2
70°	38244.2	34853.0	31677.6	28502.1	28391.1	28280.2	25514.3	22748.6	15269.3	7790.0	5025.9
72.5°	33359.4	30819.6	28335.1	25850.6	25771.2	25691.4	22517.4	19343.6	12641.6	5940.0	3842.3
75°	27849.6	26061.6	24128.7	22195.8	21900.9	21606.0	18321.1	15036.2	9629.5	4222.7	2788.7
77.5°	21927.0	20659.0	19189.5	17720.1	17298.0	16876.0	13809.4	10743.1	6739.8	2736.4	1889.7
80°	16124.8	15458.8	14349.6	13239.8	12715.2	12190.6	9611.1	7031.3	4342.3	1653.3	1217.5
82.5°	10592.5	10314.6	9550.7	8786.9	8200.7	7614.7	5850.9	4087.3	2513.2	939.4	748.9
85°	6080.0	5922.3	5294.9	4667.2	4168.8	3670.4	2734.3	1798.3	1130.5	463.0	400.3
87.5°	2383.2	2369.8	2055.9	1742.1	1464.0	1185.9	871.4	556.7	370.2	183.9	165.9
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°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	7026.9	6967.3	6907.8	6850.9	6793.9	6738.8	6677.4	6627.6	6578.2	6533.5	6488.9
5°	7311.7	7188.2	7065.0	6949.8	6834.6	6725.8	6618.3	6524.6	6430.6	6351.9	6273.4
7.5°	7571.3	7388.7	7206.2	7045.3	6884.5	6736.2	6597.1	6472.3	6347.7	6244.2	6140.6
10°	7764.2	7542.5	7320.6	7130.5	6940.0	6756.9	6607.5	6476.0	6344.3	6240.8	6137.3
12.5°	7905.2	7643.7	7382.2	7167.0	6951.9	6759.5	6620.4	6512.6	6405.5	6336.7	6268.3
15°	7990.2	7689.0	7387.9	7138.8	6889.7	6676.6	6565.2	6513.8	6462.4	6471.7	6481.1
17.5°	8014.5	7664.9	7315.4	7015.8	6716.2	6465.6	6396.9	6415.9	6434.5	6547.4	6660.2
20°	8022.3	7598.6	7175.0	6803.7	6432.4	6140.6	6122.5	6210.5	6298.5	6494.6	6690.8
22.5°	8032.6	7517.4	7002.1	6554.9	6107.8	5775.5	5811.0	5941.2	6071.5	6295.1	6519.4
25°	8073.5	7437.1	6800.9	6277.1	5753.5	5413.0	5508.8	5659.0	5809.2	6010.4	6211.8
27.5°	8159.0	7383.5	6608.0	6023.0	5438.1	5128.2	5244.7	5389.7	5534.7	5700.1	5865.4
30°	8276.1	7358.4	6440.2	5810.7	5181.3	4921.0	5012.5	5127.4	5242.9	5380.1	5517.4
32.5°	8377.0	7327.3	6277.1	5627.7	4978.0	4768.3	4808.9	4877.1	4945.1	5054.7	5164.5
35°	8451.0	7268.8	6087.0	5447.7	4808.4	4633.6	4616.8	4635.5	4654.3	4738.0	4821.3
37.5°	8495.1	7168.5	5842.1	5235.9	4629.7	4477.0	4415.3	4394.6	4373.9	4433.9	4493.8
40°	8522.8	7030.6	5538.6	4983.1	4427.8	4289.2	4194.7	4147.9	4101.0	4144.3	4187.4
42.5°	8575.4	6888.1	5201.5	4704.3	4207.1	4079.5	3960.4	3898.3	3836.1	3871.3	3906.8
45°	8667.8	6755.9	4844.2	4408.1	3972.1	3842.6	3727.3	3666.7	3606.5	3636.0	3666.0
47.5°	8731.3	6646.6	4561.9	4173.7	3785.6	3618.6	3519.4	3468.7	3418.0	3445.8	3473.6
50°	8689.8	6527.4	4365.1	4018.1	3671.1	3451.6	3336.4	3291.3	3246.5	3290.0	3333.8
52.5°	8434.7	6326.3	4218.0	3915.6	3613.4	3361.0	3199.9	3155.4	3111.1	3176.6	3241.9
55°	7907.9	5992.8	4077.7	3841.3	3604.8	3370.0	3127.4	3057.0	2986.7	3079.7	3172.5
57.5°	7124.6	5522.5	3920.2	3753.2	3586.3	3379.1	3083.9	2981.3	2878.8	2978.8	3078.7
60°	6074.0	4912.0	3749.9	3618.6	3487.4	3350.6	3043.0	2910.2	2777.0	2864.9	2952.4
62.5°	4890.7	4181.3	3471.8	3384.6	3297.5	3280.7	2995.4	2829.1	2663.2	2718.8	2774.5
65°	3855.0	3523.8	3192.7	3151.5	3110.3	3112.4	2894.9	2718.3	2541.4	2562.9	2584.1
67.5°	2986.0	2892.0	2797.7	2820.8	2843.7	2837.9	2715.7	2568.6	2421.6	2414.8	2408.0
70°	2261.8	2288.7	2315.4	2422.1	2528.5	2528.5	2488.4	2383.7	2279.1	2255.8	2232.6
72.5°	1744.7	1825.7	1907.0	2058.3	2209.2	2234.6	2235.1	2163.4	2091.6	2057.5	2023.6
75°	1354.7	1428.2	1501.8	1671.2	1840.5	1957.5	1947.7	1892.6	1837.1	1804.5	1771.6
77.5°	1042.9	1093.0	1143.2	1307.6	1472.0	1664.9	1659.8	1615.5	1571.2	1538.1	1504.9
80°	782.0	802.7	823.4	962.7	1101.8	1332.2	1331.5	1294.4	1257.2	1229.4	1201.4
82.5°	558.7	562.4	566.5	669.1	771.6	968.4	979.3	961.1	943.0	923.3	903.6
85°	337.9	336.1	334.0	409.1	484.2	630.5	644.7	625.4	605.9	583.9	561.9
87.5°	148.1	146.3	144.5	175.1	205.8	266.7	284.8	277.1	269.3	265.2	261.0
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: P970980

CATALOG NUMBER: NAV-SB6C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	6449.8	6410.7	6371.3	6332.2	6301.9	6271.4	6246.8	6222.2	6203.0	6183.8	6166.2
5°	6204.0	6134.6	6071.7	6008.5	5960.2	5911.5	5877.6	5843.6	5819.5	5795.5	5777.1
7.5°	6053.3	5965.8	5888.6	5811.7	5754.0	5696.5	5656.2	5615.8	5588.0	5560.6	5544.0
10°	6043.3	5949.0	5862.3	5775.5	5706.6	5637.5	5592.4	5546.9	5520.8	5494.6	5480.6
12.5°	6194.2	6120.7	6030.8	5941.2	5853.2	5765.1	5706.9	5648.7	5619.4	5590.3	5578.5
15°	6461.9	6442.7	6364.8	6286.9	6161.6	6036.2	5947.7	5859.1	5818.5	5778.1	5762.5
17.5°	6720.3	6780.2	6717.2	6654.6	6488.7	6322.6	6192.1	6061.6	6001.6	5941.2	5921.5
20°	6816.5	6942.0	6913.0	6883.7	6694.0	6504.4	6344.3	6184.6	6107.8	6030.6	6006.0
22.5°	6682.8	6846.2	6863.8	6881.1	6699.9	6518.7	6354.0	6189.1	6108.0	6026.7	5999.5
25°	6372.6	6533.5	6593.5	6653.3	6504.6	6356.3	6209.8	6063.7	5993.3	5923.1	5897.4
27.5°	5994.3	6123.2	6190.1	6257.1	6151.2	6045.6	5931.9	5818.2	5771.1	5723.7	5712.1
30°	5624.3	5731.5	5785.8	5840.2	5759.7	5678.9	5597.6	5515.8	5491.7	5467.3	5467.3
32.5°	5267.0	5369.8	5430.1	5490.7	5416.6	5342.3	5277.3	5212.3	5196.5	5180.8	5182.8
35°	4922.9	5024.7	5097.1	5169.6	5116.8	5064.2	5004.2	4944.3	4920.2	4896.4	4891.3
37.5°	4595.1	4696.5	4786.1	4875.7	4851.4	4827.0	4771.9	4716.4	4672.7	4629.2	4606.1
40°	4285.3	4383.2	4486.3	4589.6	4595.6	4601.2	4554.4	4507.5	4443.8	4380.6	4337.7
42.5°	3999.4	4092.4	4203.8	4315.1	4344.9	4374.7	4335.0	4295.7	4216.7	4137.7	4075.4
45°	3754.1	3842.0	3957.5	4073.0	4115.8	4158.4	4122.8	4087.3	3996.9	3906.8	3833.5
47.5°	3559.8	3645.8	3759.7	3873.7	3922.9	3972.1	3947.2	3922.4	3842.0	3761.7	3693.9
50°	3415.1	3496.1	3598.2	3700.1	3763.3	3826.5	3825.0	3824.0	3759.7	3695.5	3632.8
52.5°	3316.4	3390.7	3485.7	3581.0	3655.9	3730.7	3744.2	3757.6	3705.4	3653.0	3596.8
55°	3252.7	3333.0	3416.3	3499.5	3578.7	3658.2	3676.9	3695.5	3649.9	3604.3	3555.1
57.5°	3173.0	3267.2	3349.6	3432.2	3512.2	3591.9	3610.9	3629.7	3583.6	3537.6	3488.9
60°	3060.5	3168.8	3252.4	3336.4	3416.6	3496.9	3517.6	3538.3	3493.3	3448.5	3398.3
62.5°	2900.5	3026.9	3116.3	3205.6	3279.2	3352.7	3372.6	3392.5	3351.9	3311.3	3258.4
65°	2719.3	2854.7	2940.2	3025.6	3090.4	3155.2	3175.6	3195.7	3156.7	3117.5	3066.3
67.5°	2532.9	2657.9	2739.0	2819.8	2875.7	2931.6	2951.6	2971.3	2935.3	2899.5	2851.9
70°	2342.3	2452.1	2522.0	2591.9	2642.4	2692.9	2712.0	2731.2	2702.0	2672.7	2627.2
72.5°	2110.1	2196.3	2259.4	2322.6	2372.1	2421.6	2444.3	2467.1	2442.8	2418.5	2374.9
75°	1835.9	1900.0	1957.2	2014.5	2059.5	2104.6	2128.4	2152.3	2140.3	2128.4	2091.9
77.5°	1557.2	1609.2	1658.4	1707.6	1755.0	1802.2	1824.4	1846.7	1830.1	1813.0	1776.3
80°	1245.0	1288.2	1329.6	1371.0	1407.0	1442.8	1472.3	1501.8	1494.6	1487.6	1438.1
82.5°	900.1	896.5	881.9	867.5	944.0	1020.7	1070.9	1121.1	1118.1	1114.7	1073.0
85°	543.2	524.4	484.2	444.0	515.8	587.7	650.0	712.1	706.8	701.7	669.1
87.5°	260.2	259.4	228.9	198.1	228.2	258.4	283.5	308.6	302.5	295.7	279.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P970980

CATALOG NUMBER: NAV-SB6C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	6148.4	6126.3	6148.4	6166.2	6183.8	6203.0	6222.2	6246.8	6271.4	6301.9	6332.2
5°	5758.7	5740.5	5758.7	5777.1	5795.5	5819.5	5843.6	5877.6	5911.5	5960.2	6008.5
7.5°	5527.7	5515.3	5527.7	5544.0	5560.6	5588.0	5615.8	5656.2	5696.5	5754.0	5811.7
10°	5466.6	5460.9	5466.6	5480.6	5494.6	5520.8	5546.9	5592.4	5637.5	5706.6	5775.5
12.5°	5566.6	5564.5	5566.6	5578.5	5590.3	5619.4	5648.7	5706.9	5765.1	5853.2	5941.2
15°	5747.1	5745.7	5747.1	5762.5	5778.1	5818.5	5859.1	5947.7	6036.2	6161.6	6286.9
17.5°	5901.6	5898.5	5901.6	5921.5	5941.2	6001.6	6061.6	6192.1	6322.6	6488.7	6654.6
20°	5981.4	5973.6	5981.4	6006.0	6030.6	6107.8	6184.6	6344.3	6504.4	6694.0	6883.7
22.5°	5972.3	5960.7	5972.3	5999.5	6026.7	6108.0	6189.1	6354.0	6518.7	6699.9	6881.1
25°	5872.1	5857.1	5872.1	5897.4	5923.1	5993.3	6063.7	6209.8	6356.3	6504.6	6653.3
27.5°	5700.4	5696.5	5700.4	5712.1	5723.7	5771.1	5818.2	5931.9	6045.6	6151.2	6257.1
30°	5467.3	5471.2	5467.3	5467.3	5467.3	5491.7	5515.8	5597.6	5678.9	5759.7	5840.2
32.5°	5185.2	5189.1	5185.2	5182.8	5180.8	5196.5	5212.3	5277.3	5342.3	5416.6	5490.7
35°	4886.1	4883.5	4886.1	4891.3	4896.4	4920.2	4944.3	5004.2	5064.2	5116.8	5169.6
37.5°	4583.1	4570.2	4583.1	4606.1	4629.2	4672.7	4716.4	4771.9	4827.0	4851.4	4875.7
40°	4295.2	4269.8	4295.2	4337.7	4380.6	4443.8	4507.5	4554.4	4601.2	4595.6	4589.6
42.5°	4013.0	3972.1	4013.0	4075.4	4137.7	4216.7	4295.7	4335.0	4374.7	4344.9	4315.1
45°	3760.2	3713.1	3760.2	3833.5	3906.8	3996.9	4087.3	4122.8	4158.4	4115.8	4073.0
47.5°	3626.3	3581.0	3626.3	3693.9	3761.7	3842.0	3922.4	3947.2	3972.1	3922.9	3873.7
50°	3570.2	3526.7	3570.2	3632.8	3695.5	3759.7	3824.0	3825.0	3826.5	3763.3	3700.1
52.5°	3541.0	3500.8	3541.0	3596.8	3653.0	3705.4	3757.6	3744.2	3730.7	3655.9	3581.0
55°	3505.9	3469.7	3505.9	3555.1	3604.3	3649.9	3695.5	3676.9	3658.2	3578.7	3499.5
57.5°	3439.9	3402.4	3439.9	3488.9	3537.6	3583.6	3629.7	3610.9	3591.9	3512.2	3432.2
60°	3348.1	3309.2	3348.1	3398.3	3448.5	3493.3	3538.3	3517.6	3496.9	3416.6	3336.4
62.5°	3205.6	3158.9	3205.6	3258.4	3311.3	3351.9	3392.5	3372.6	3352.7	3279.2	3205.6
65°	3015.2	2975.2	3015.2	3066.3	3117.5	3156.7	3195.7	3175.6	3155.2	3090.4	3025.6
67.5°	2804.3	2768.0	2804.3	2851.9	2899.5	2935.3	2971.3	2951.6	2931.6	2875.7	2819.8
70°	2581.6	2540.2	2581.6	2627.2	2672.7	2702.0	2731.2	2712.0	2692.9	2642.4	2591.9
72.5°	2331.7	2291.6	2331.7	2374.9	2418.5	2442.8	2467.1	2444.3	2421.6	2372.1	2322.6
75°	2055.4	2017.1	2055.4	2091.9	2128.4	2140.3	2152.3	2128.4	2104.6	2059.5	2014.5
77.5°	1739.5	1709.0	1739.5	1776.3	1813.0	1830.1	1846.7	1824.4	1802.2	1755.0	1707.6
80°	1388.4	1331.0	1388.4	1438.1	1487.6	1494.6	1501.8	1472.3	1442.8	1407.0	1371.0
82.5°	1031.0	994.4	1031.0	1073.0	1114.7	1118.1	1121.1	1070.9	1020.7	944.0	867.5
85°	636.4	603.3	636.4	669.1	701.7	706.8	712.1	650.0	587.7	515.8	444.0
87.5°	262.0	246.0	262.0	279.1	295.7	302.5	308.6	283.5	258.4	228.2	198.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P970980

CATALOG NUMBER: NAV-SB6C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	6371.3	6410.7	6449.8	6488.9	6533.5	6578.2	6627.6	6677.4	6738.8	6793.9	6850.9
5°	6071.7	6134.6	6204.0	6273.4	6351.9	6430.6	6524.6	6618.3	6725.8	6834.6	6949.8
7.5°	5888.6	5965.8	6053.3	6140.6	6244.2	6347.7	6472.3	6597.1	6736.2	6884.5	7045.3
10°	5862.3	5949.0	6043.3	6137.3	6240.8	6344.3	6476.0	6607.5	6756.9	6940.0	7130.5
12.5°	6030.8	6120.7	6194.2	6268.3	6336.7	6405.5	6512.6	6620.4	6759.5	6951.9	7167.0
15°	6364.8	6442.7	6461.9	6481.1	6471.7	6462.4	6513.8	6565.2	6676.6	6889.7	7138.8
17.5°	6717.2	6780.2	6720.3	6660.2	6547.4	6434.5	6415.9	6396.9	6465.6	6716.2	7015.8
20°	6913.0	6942.0	6816.5	6690.8	6494.6	6298.5	6210.5	6122.5	6140.6	6432.4	6803.7
22.5°	6863.8	6846.2	6682.8	6519.4	6295.1	6071.5	5941.2	5811.0	5775.5	6107.8	6554.9
25°	6593.5	6533.5	6372.6	6211.8	6010.4	5809.2	5659.0	5508.8	5413.0	5753.5	6277.1
27.5°	6190.1	6123.2	5994.3	5865.4	5700.1	5534.7	5389.7	5244.7	5128.2	5438.1	6023.0
30°	5785.8	5731.5	5624.3	5517.4	5380.1	5242.9	5127.4	5012.5	4921.0	5181.3	5810.7
32.5°	5430.1	5369.8	5267.0	5164.5	5054.7	4945.1	4877.1	4808.9	4768.3	4978.0	5627.7
35°	5097.1	5024.7	4922.9	4821.3	4738.0	4654.3	4635.5	4616.8	4633.6	4808.4	5447.7
37.5°	4786.1	4696.5	4595.1	4493.8	4433.9	4373.9	4394.6	4415.3	4477.0	4629.7	5235.9
40°	4486.3	4383.2	4285.3	4187.4	4144.3	4101.0	4147.9	4194.7	4289.2	4427.8	4983.1
42.5°	4203.8	4092.4	3999.4	3906.8	3871.3	3836.1	3898.3	3960.4	4079.5	4207.1	4704.3
45°	3957.5	3842.0	3754.1	3666.0	3636.0	3606.5	3666.7	3727.3	3842.6	3972.1	4408.1
47.5°	3759.7	3645.8	3559.8	3473.6	3445.8	3418.0	3468.7	3519.4	3618.6	3785.6	4173.7
50°	3598.2	3496.1	3415.1	3333.8	3290.0	3246.5	3291.3	3336.4	3451.6	3671.1	4018.1
52.5°	3485.7	3390.7	3316.4	3241.9	3176.6	3111.1	3155.4	3199.9	3361.0	3613.4	3915.6
55°	3416.3	3333.0	3252.7	3172.5	3079.7	2986.7	3057.0	3127.4	3370.0	3604.8	3841.3
57.5°	3349.6	3267.2	3173.0	3078.7	2978.8	2878.8	2981.3	3083.9	3379.1	3586.3	3753.2
60°	3252.4	3168.8	3060.5	2952.4	2864.9	2777.0	2910.2	3043.0	3350.6	3487.4	3618.6
62.5°	3116.3	3026.9	2900.5	2774.5	2718.8	2663.2	2829.1	2995.4	3280.7	3297.5	3384.6
65°	2940.2	2854.7	2719.3	2584.1	2562.9	2541.4	2718.3	2894.9	3112.4	3110.3	3151.5
67.5°	2739.0	2657.9	2532.9	2408.0	2414.8	2421.6	2568.6	2715.7	2837.9	2843.7	2820.8
70°	2522.0	2452.1	2342.3	2232.6	2255.8	2279.1	2383.7	2488.4	2528.5	2528.5	2422.1
72.5°	2259.4	2196.3	2110.1	2023.6	2057.5	2091.6	2163.4	2235.1	2234.6	2209.2	2058.3
75°	1957.2	1900.0	1835.9	1771.6	1804.5	1837.1	1892.6	1947.7	1957.5	1840.5	1671.2
77.5°	1658.4	1609.2	1557.2	1504.9	1538.1	1571.2	1615.5	1659.8	1664.9	1472.0	1307.6
80°	1329.6	1288.2	1245.0	1201.4	1229.4	1257.2	1294.4	1331.5	1332.2	1101.8	962.7
82.5°	881.9	896.5	900.1	903.6	923.3	943.0	961.1	979.3	968.4	771.6	669.1
85°	484.2	524.4	543.2	561.9	583.9	605.9	625.4	644.7	630.5	484.2	409.1
87.5°	228.9	259.4	260.2	261.0	265.2	269.3	277.1	284.8	266.7	205.8	175.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P970980

CATALOG NUMBER: NAV-SB6C-760-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8	6747.8
2.5°	6907.8	6967.3	7026.9	7085.9	7145.3	7200.9	7256.6
5°	7065.0	7188.2	7311.7	7434.2	7557.0	7679.9	7802.9
7.5°	7206.2	7388.7	7571.3	7758.6	7946.1	8148.9	8351.9
10°	7320.6	7542.5	7764.2	8011.7	8259.4	8516.1	8772.7
12.5°	7382.2	7643.7	7905.2	8186.0	8466.6	8748.4	9030.4
15°	7387.9	7689.0	7990.2	8294.7	8599.1	8893.1	9187.0
17.5°	7315.4	7664.9	8014.5	8346.7	8678.9	8976.9	9275.0
20°	7175.0	7598.6	8022.3	8387.4	8752.5	9062.4	9372.1
22.5°	7002.1	7517.4	8032.6	8442.3	8851.6	9168.3	9484.7
25°	6800.9	7437.1	8073.5	8541.7	9009.5	9319.5	9629.8
27.5°	6608.0	7383.5	8159.0	8697.0	9234.8	9530.9	9826.6
30°	6440.2	7358.4	8276.1	8898.2	9520.5	9806.1	10091.9
32.5°	6277.1	7327.3	8377.0	9108.3	9839.5	10122.2	10405.3
35°	6087.0	7268.8	8451.0	9347.5	10244.0	10515.1	10785.9
37.5°	5842.1	7168.5	8495.1	9615.5	10735.8	11081.3	11426.7
40°	5538.6	7030.6	8522.8	9955.7	11388.4	11891.7	12395.1
42.5°	5201.5	6888.1	8575.4	10400.9	12226.3	12952.9	13679.4
45°	4844.2	6755.9	8667.8	10986.6	13305.3	14285.3	15265.4
47.5°	4561.9	6646.6	8731.3	11610.6	14489.9	15869.6	17248.8
50°	4365.1	6527.4	8689.8	12189.5	15689.3	17769.1	19848.5
52.5°	4218.0	6326.3	8434.7	12565.5	16696.0	19764.4	22832.8
55°	4077.7	5992.8	7907.9	12482.7	17057.2	21533.4	26009.9
57.5°	3920.2	5522.5	7124.6	11899.5	16674.8	22787.2	28899.6
60°	3749.9	4912.0	6074.0	10814.4	15554.7	23100.5	30646.1
62.5°	3471.8	4181.3	4890.7	9347.0	13803.3	21781.2	29759.2
65°	3192.7	3523.8	3855.0	7849.9	11844.9	19914.5	27984.2
67.5°	2797.7	2892.0	2986.0	6383.2	9780.4	17693.1	25605.9
70°	2315.4	2288.7	2261.8	5025.9	7790.0	15269.3	22748.6
72.5°	1907.0	1825.7	1744.7	3842.3	5940.0	12641.6	19343.6
75°	1501.8	1428.2	1354.7	2788.7	4222.7	9629.5	15036.2
77.5°	1143.2	1093.0	1042.9	1889.7	2736.4	6739.8	10743.1
80°	823.4	802.7	782.0	1217.5	1653.3	4342.3	7031.3
82.5°	566.5	562.4	558.7	748.9	939.4	2513.2	4087.3
85°	334.0	336.1	337.9	400.3	463.0	1130.5	1798.3
87.5°	144.5	146.3	148.1	165.9	183.9	370.2	556.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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