

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: P971042

Luminaire Tested: **NAV-SB6C-830-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P971042
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-830-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41677.5 lumens
Efficiency: N/A
Efficacy: 138.5 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): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



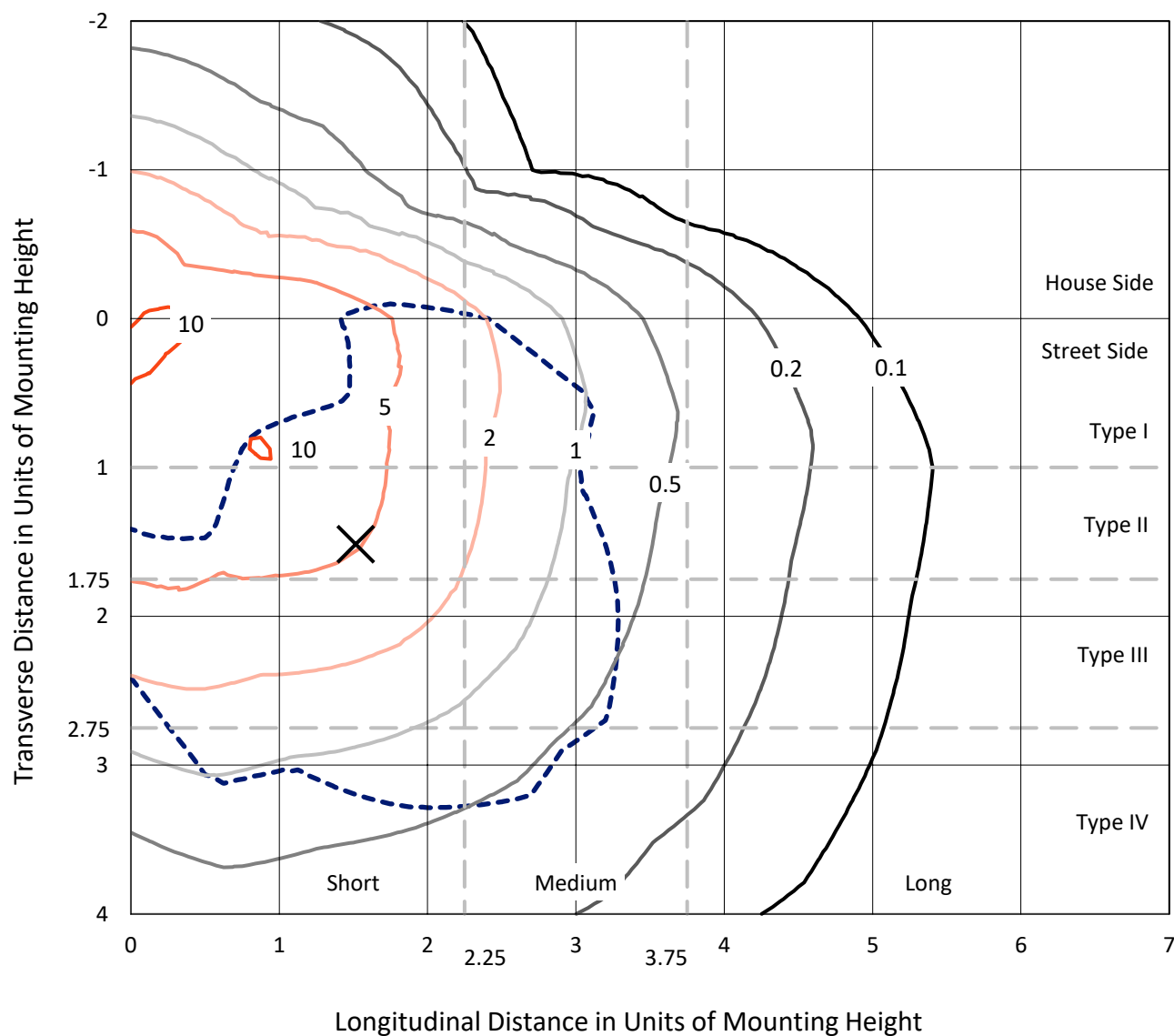
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

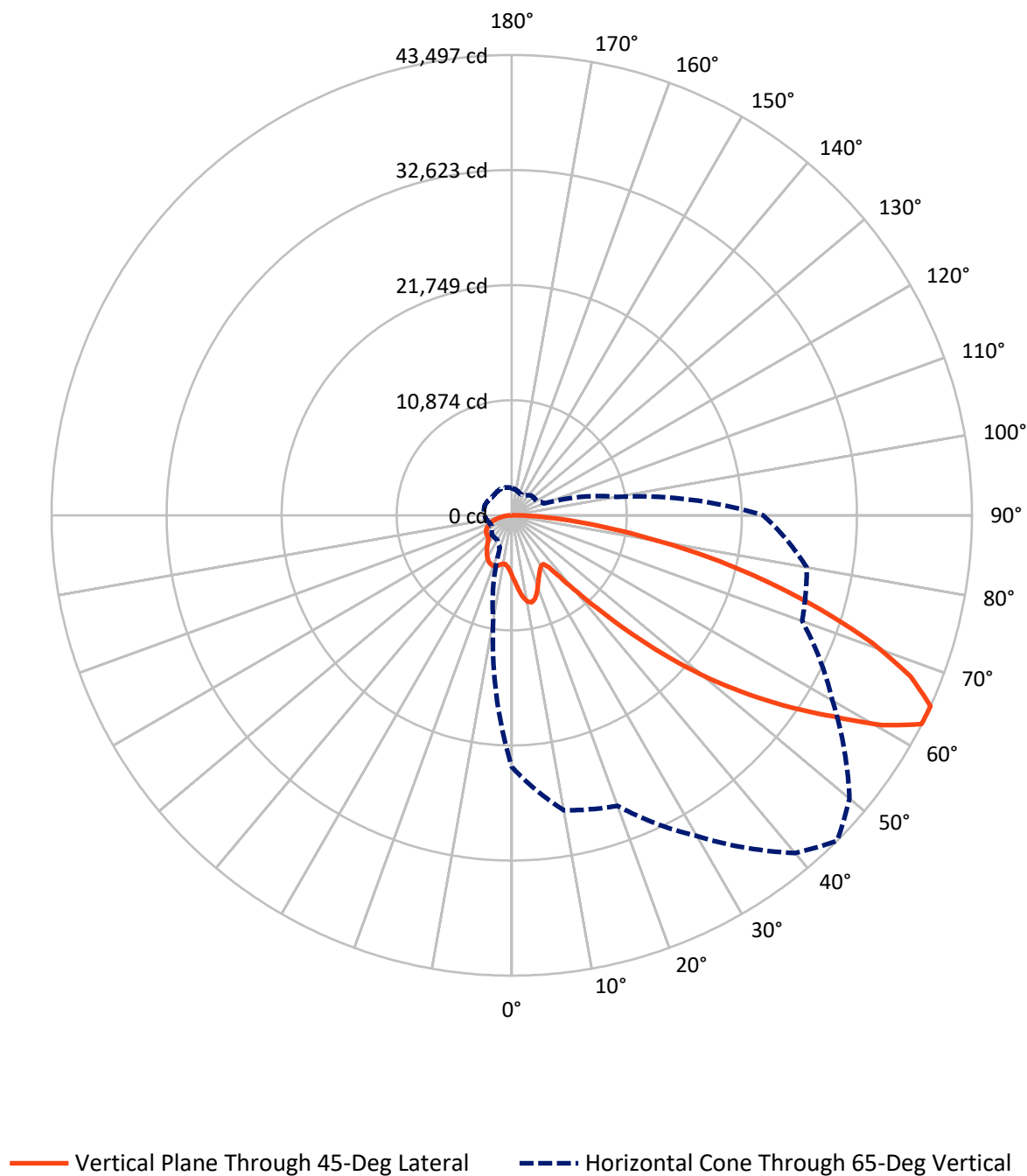


Based on 25 foot mounting height. Maximum calculated value = 12.7 fc

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	10592.3	0.0	10592.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	31085.2	0.0	31085.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	41677.5	0.0	41677.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	568.5	1.4
10°-20°	1784.7	4.3
20°-30°	2756.7	6.6
30°-40°	3493.4	8.4
40°-50°	5269.0	12.6
50°-60°	8512.8	20.4
60°-70°	10612.6	25.5
70°-80°	6959.2	16.7
80°-90°	1720.5	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°	41677.5	100.0
0°-180°	41677.5	100.0

Coefficient of Utilization



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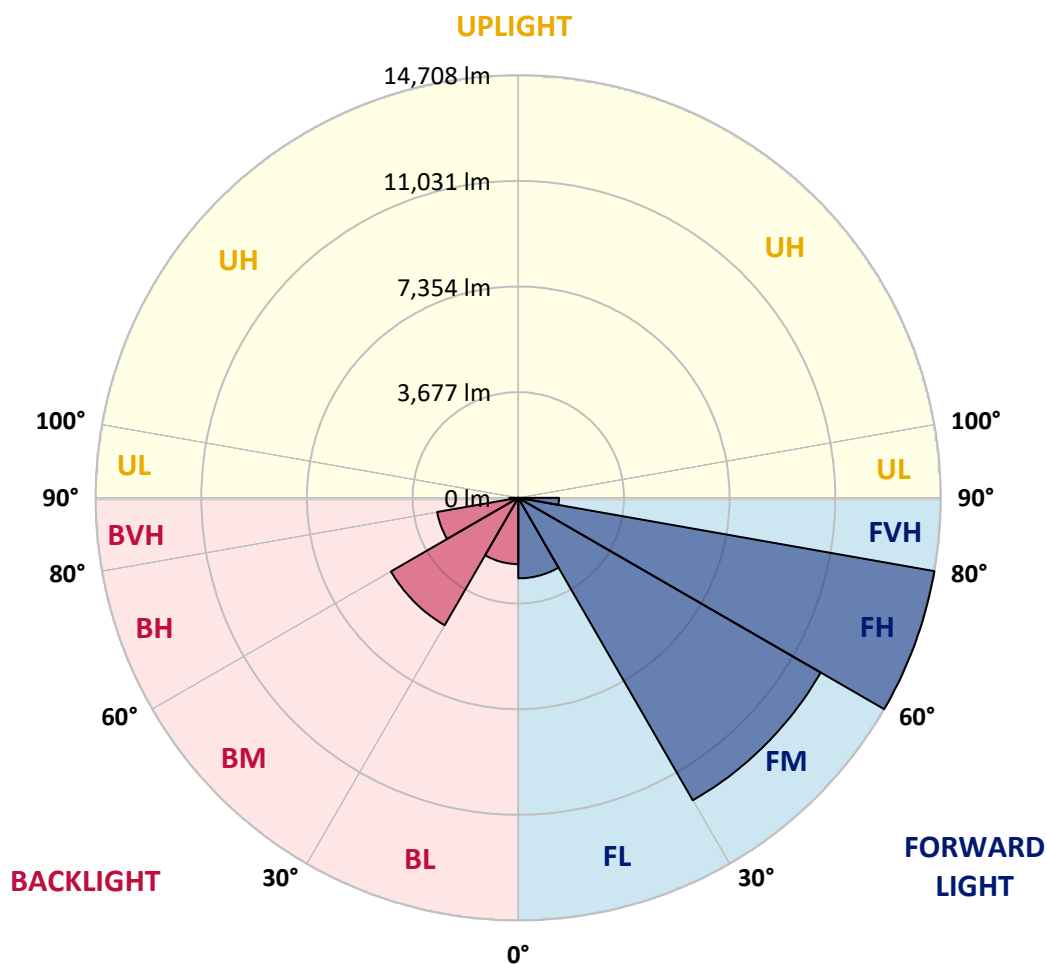
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2803.3	6.7			
FM	(30°-60°)	12156.4	29.2			
FH	(60°-80°)	14708.2	35.3			G5
FVH	(80°-90°)	1417.3	3.4			G5
BL	(0°-30°)	2306.6	5.5	B3/2500		
BM	(30°-60°)	5118.9	12.3	B4/8500		
BH	(60°-80°)	2863.7	6.9	B4/5000		G4/5000
BVH	(80°-90°)	303.2	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°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	6163.1	6186.5	6210.0	6243.2	6276.4	6296.2	6315.9	6325.9	6335.8	6331.4	6335.8
5°	6627.1	6708.7	6790.6	6871.5	6952.7	6996.6	7040.6	7067.3	7094.0	7114.3	7094.0
7.5°	7093.4	7226.2	7358.9	7478.3	7597.7	7669.6	7741.5	7780.5	7819.1	7837.9	7819.1
10°	7450.7	7607.8	7764.8	7904.9	8045.0	8129.9	8214.3	8252.2	8289.8	8304.0	8289.8
12.5°	7669.6	7839.8	8009.8	8136.4	8262.7	8324.2	8385.8	8406.5	8427.2	8429.4	8427.2
15°	7802.6	7949.5	8096.2	8175.6	8255.2	8257.4	8259.7	8237.6	8215.7	8189.6	8215.7
17.5°	7877.4	7976.6	8075.8	8077.3	8078.6	7989.6	7900.5	7818.9	7737.1	7679.5	7737.1
20°	7959.8	7994.4	8029.1	7924.7	7820.2	7623.6	7427.0	7283.9	7140.7	7052.7	7140.7
22.5°	8055.6	8010.3	7965.0	7748.5	7532.1	7243.0	6953.7	6774.7	6595.8	6498.5	6595.8
25°	8178.7	8035.7	7892.8	7564.2	7235.7	6884.5	6533.2	6345.1	6157.2	6065.3	6157.2
27.5°	8345.9	8090.3	7834.5	7399.3	6964.3	6575.1	6185.8	6000.7	5815.6	5728.8	5815.6
30°	8571.3	8190.2	7809.3	7273.5	6737.8	6332.2	5926.8	5755.0	5583.3	5502.3	5583.3
32.5°	8837.3	8315.5	7793.8	7187.7	6581.6	6200.5	5819.4	5684.6	5549.6	5491.3	5549.6
35°	9160.6	8522.0	7883.6	7252.0	6620.6	6355.8	6091.3	6059.8	6028.3	6023.5	6028.3
37.5°	9704.9	8953.7	8202.5	7628.5	7054.5	7037.3	7020.1	7164.0	7307.8	7382.6	7307.8
40°	10527.4	9710.4	8893.4	8466.6	8039.7	8340.9	8642.3	8991.9	9341.6	9515.8	9341.6
42.5°	11618.2	10807.6	9996.9	9751.1	9505.2	10162.4	10819.5	11455.4	12091.4	12464.8	12091.4
45°	12965.1	12237.1	11508.7	11400.3	11291.6	12344.4	13397.3	14442.4	15487.6	16122.0	15487.6
47.5°	14649.7	13941.3	13232.9	13210.8	13188.8	14707.5	16225.9	17755.9	19285.6	20183.9	19285.6
50°	16857.7	15982.6	15107.8	15111.6	15115.3	17072.5	19029.8	21049.3	23068.8	24289.7	23068.8
52.5°	19392.2	18332.6	17273.3	17166.2	17058.9	19396.8	21734.8	24233.5	26731.9	28195.5	26731.9
55°	22090.6	21043.8	19997.0	19579.3	19161.8	21763.8	24365.6	27344.4	30323.2	32063.8	30323.2
57.5°	24544.9	23974.9	23404.5	22566.9	21729.5	24356.9	26984.2	30358.1	33731.8	35890.4	33731.8
60°	26028.2	26913.5	27799.2	26759.0	25718.8	28205.1	30691.5	34303.9	37916.2	40249.1	37916.2
62.5°	25275.0	27694.3	30113.6	29996.3	29879.0	32156.6	34434.5	37871.4	41308.0	43464.3	41308.0
65°	23767.5	26038.1	28308.8	28758.0	29207.1	32101.7	34996.4	38329.0	41661.4	43497.2	41661.4
67.5°	21747.5	23907.1	26066.7	26277.3	26487.8	29503.7	32519.5	35866.4	39213.3	40651.5	39213.3
70°	19320.7	21669.6	24018.8	24112.9	24207.3	26904.3	29601.2	32481.4	35361.5	36160.9	35361.5
72.5°	16428.8	19124.3	21820.1	21887.8	21955.3	24065.5	26175.5	28332.7	30489.6	30570.5	30489.6
75°	12770.6	15560.4	18350.3	18600.8	18851.2	20492.9	22134.6	23653.1	25171.6	24764.8	25171.6
77.5°	9124.3	11728.6	14333.1	14691.5	15050.0	16298.0	17546.1	18622.9	19700.1	19000.7	19700.1
80°	5971.9	8162.9	10353.6	10799.2	11244.8	12187.4	13129.4	13695.0	14260.5	13135.6	14260.5
82.5°	3471.4	4969.2	6467.3	6965.0	7462.8	8111.6	8760.4	8996.3	9232.1	8348.0	9232.1
85°	1527.4	2322.3	3117.3	3540.7	3964.0	4497.1	5029.9	5163.8	5297.8	4589.6	5297.8
87.5°	472.8	740.0	1007.3	1243.4	1479.6	1746.1	2012.7	2024.1	2035.3	1708.8	2035.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	6325.9	6315.9	6296.2	6276.4	6243.2	6210.0	6186.5	6163.1	6115.9	6068.6	6018.2
5°	7067.3	7040.6	6996.6	6952.7	6871.5	6790.6	6708.7	6627.1	6522.7	6418.2	6314.0
7.5°	7780.5	7741.5	7669.6	7597.7	7478.3	7358.9	7226.2	7093.4	6921.0	6748.8	6589.6
10°	8252.2	8214.3	8129.9	8045.0	7904.9	7764.8	7607.8	7450.7	7232.8	7014.9	6804.5
12.5°	8406.5	8385.8	8324.2	8262.7	8136.4	8009.8	7839.8	7669.6	7430.1	7190.8	6952.5
15°	8237.6	8259.7	8257.4	8255.2	8175.6	8096.2	7949.5	7802.6	7553.0	7303.4	7044.8
17.5°	7818.9	7900.5	7989.6	8078.6	8077.3	8075.8	7976.6	7877.4	7624.3	7371.2	7089.0
20°	7283.9	7427.0	7623.6	7820.2	7924.7	8029.1	7994.4	7959.8	7696.8	7433.6	7123.5
22.5°	6774.7	6953.7	7243.0	7532.1	7748.5	7965.0	8010.3	8055.6	7786.8	7517.9	7170.2
25°	6345.1	6533.2	6884.5	7235.7	7564.2	7892.8	8035.7	8178.7	7915.3	7652.0	7254.6
27.5°	6000.7	6185.8	6575.1	6964.3	7399.3	7834.5	8090.3	8345.9	8094.6	7843.3	7386.6
30°	5755.0	5926.8	6332.2	6737.8	7273.5	7809.3	8190.2	8571.3	8328.4	8085.9	7557.4
32.5°	5684.6	5819.4	6200.5	6581.6	7187.7	7793.8	8315.5	8837.3	8597.0	8356.8	7735.8
35°	6059.8	6091.3	6355.8	6620.6	7252.0	7883.6	8522.0	9160.6	8930.6	8700.3	7938.9
37.5°	7164.0	7020.1	7037.3	7054.5	7628.5	8202.5	8953.7	9704.9	9411.6	9118.2	8166.6
40°	8991.9	8642.3	8340.9	8039.7	8466.6	8893.4	9710.4	10527.4	10099.8	9672.3	8455.5
42.5°	11455.4	10819.5	10162.4	9505.2	9751.1	9996.9	10807.6	11618.2	11001.1	10384.0	8833.6
45°	14442.4	13397.3	12344.4	11291.6	11400.3	11508.7	12237.1	12965.1	12132.8	11300.4	9331.1
47.5°	17755.9	16225.9	14707.5	13188.8	13210.8	13232.9	13941.3	14649.7	13478.2	12306.6	9861.0
50°	21049.3	19029.8	17072.5	15115.3	15111.6	15107.8	15982.6	16857.7	15091.5	13325.2	10352.8
52.5°	24233.5	21734.8	19396.8	17058.9	17166.2	17273.3	18332.6	19392.2	16786.2	14180.2	10672.1
55°	27344.4	24365.6	21763.8	19161.8	19579.3	19997.0	21043.8	22090.6	18288.7	14486.9	10601.7
57.5°	30358.1	26984.2	24356.9	21729.5	22566.9	23404.5	23974.9	24544.9	19353.5	14162.2	10106.5
60°	34303.9	30691.5	28205.1	25718.8	26759.0	27799.2	26913.5	26028.2	19619.6	13210.8	9184.8
62.5°	37871.4	34434.5	32156.6	29879.0	29996.3	30113.6	27694.3	25275.0	18499.1	11723.3	7938.5
65°	38329.0	34996.4	32101.7	29207.1	28758.0	28308.8	26038.1	23767.5	16913.7	10060.1	6667.0
67.5°	35866.4	32519.5	29503.7	26487.8	26277.3	26066.7	23907.1	21747.5	15027.1	8306.7	5421.3
70°	32481.4	29601.2	26904.3	24207.3	24112.9	24018.8	21669.6	19320.7	12968.5	6616.2	4268.6
72.5°	28332.7	26175.5	24065.5	21955.3	21887.8	21820.1	19124.3	16428.8	10736.8	5044.8	3263.3
75°	23653.1	22134.6	20492.9	18851.2	18600.8	18350.3	15560.4	12770.6	8178.5	3586.4	2368.5
77.5°	18622.9	17546.1	16298.0	15050.0	14691.5	14333.1	11728.6	9124.3	5724.2	2324.1	1604.9
80°	13695.0	13129.4	12187.4	11244.8	10799.2	10353.6	8162.9	5971.9	3688.0	1404.1	1034.0
82.5°	8996.3	8760.4	8111.6	7462.8	6965.0	6467.3	4969.2	3471.4	2134.5	797.9	636.0
85°	5163.8	5029.9	4497.1	3964.0	3540.7	3117.3	2322.3	1527.4	960.1	393.2	340.0
87.5°	2024.1	2012.7	1746.1	1479.6	1243.4	1007.3	740.0	472.8	314.5	156.1	140.9
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°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	5968.1	5917.5	5866.9	5818.5	5770.1	5723.3	5671.2	5629.0	5587.0	5548.9	5511.1
5°	6210.0	6105.1	6000.5	5902.6	5804.7	5712.3	5621.1	5541.5	5461.6	5394.8	5328.2
7.5°	6430.3	6275.4	6120.3	5983.7	5847.1	5721.1	5603.1	5497.1	5391.3	5303.2	5215.3
10°	6594.2	6405.9	6217.4	6056.0	5894.2	5738.7	5611.9	5500.2	5388.4	5300.4	5212.4
12.5°	6714.1	6491.9	6269.8	6087.1	5904.3	5740.9	5622.8	5531.3	5440.3	5381.8	5323.7
15°	6786.2	6530.4	6274.6	6063.1	5851.5	5670.5	5576.0	5532.2	5488.7	5496.6	5504.5
17.5°	6806.8	6510.0	6213.0	5958.6	5704.2	5491.3	5433.0	5449.1	5464.9	5560.8	5656.7
20°	6813.5	6453.7	6093.8	5778.5	5463.1	5215.3	5199.9	5274.6	5349.5	5515.9	5682.6
22.5°	6822.2	6384.6	5946.9	5567.2	5187.4	4905.2	4935.4	5046.0	5156.6	5346.6	5537.0
25°	6856.9	6316.5	5776.1	5331.2	4886.6	4597.3	4678.7	4806.2	4933.8	5104.7	5275.8
27.5°	6929.5	6271.0	5612.3	5115.5	4618.6	4355.4	4454.4	4577.5	4700.8	4841.3	4981.5
30°	7028.9	6249.6	5469.7	4935.2	4400.5	4179.5	4257.1	4354.8	4452.9	4569.4	4686.0
32.5°	7114.7	6223.2	5331.2	4779.7	4227.9	4049.8	4084.3	4142.1	4199.9	4293.0	4386.2
35°	7177.7	6173.5	5169.8	4626.8	4083.8	3935.4	3921.1	3936.9	3953.0	4024.0	4094.9
37.5°	7215.0	6088.4	4961.7	4447.0	3932.1	3802.3	3750.0	3732.4	3714.8	3765.8	3816.7
40°	7238.6	5971.1	4704.0	4232.3	3760.5	3643.0	3562.7	3522.8	3483.1	3519.7	3556.4
42.5°	7283.1	5850.2	4417.6	3995.4	3573.2	3464.8	3363.6	3310.9	3258.1	3288.0	3318.1
45°	7361.7	5737.8	4114.1	3743.8	3373.5	3263.6	3165.7	3114.3	3063.0	3088.0	3113.5
47.5°	7415.6	5645.0	3874.5	3544.9	3215.2	3073.4	2989.1	2946.0	2902.9	2926.7	2950.2
50°	7380.4	5543.9	3707.3	3412.6	3117.9	2931.5	2833.6	2795.4	2757.4	2794.3	2831.5
52.5°	7163.7	5372.9	3582.5	3325.6	3069.0	2854.5	2717.7	2679.9	2642.2	2697.9	2753.4
55°	6716.2	5089.7	3463.3	3262.5	3061.7	2862.2	2656.2	2596.3	2536.8	2615.7	2694.4
57.5°	6051.0	4690.4	3329.5	3187.6	3045.9	2869.9	2619.2	2532.2	2445.0	2529.9	2614.8
60°	5158.8	4171.9	3184.8	3073.4	2961.8	2845.7	2584.4	2471.7	2358.6	2433.1	2507.5
62.5°	4153.8	3551.2	2948.6	2874.5	2800.6	2786.4	2543.9	2402.8	2261.9	2309.1	2356.4
65°	3274.2	2992.8	2711.5	2676.6	2641.6	2643.4	2458.7	2308.7	2158.4	2176.7	2194.7
67.5°	2536.1	2456.2	2376.2	2395.7	2415.1	2410.3	2306.5	2181.6	2056.7	2050.9	2045.2
70°	1921.0	1943.8	1966.5	2057.1	2147.5	2147.5	2113.3	2024.6	1935.7	1915.9	1896.1
72.5°	1481.8	1550.6	1619.7	1748.1	1876.4	1897.9	1898.3	1837.4	1776.5	1747.4	1718.6
75°	1150.6	1213.1	1275.5	1419.3	1563.1	1662.6	1654.2	1607.4	1560.3	1532.6	1504.7
77.5°	885.8	928.2	970.9	1110.6	1250.2	1414.1	1409.7	1372.1	1334.4	1306.3	1278.2
80°	664.1	681.7	699.4	817.6	935.7	1131.5	1130.8	1099.3	1067.7	1044.2	1020.4
82.5°	474.6	477.6	481.1	568.3	655.4	822.5	831.7	816.3	800.9	784.2	767.5
85°	287.0	285.5	283.7	347.5	411.2	535.5	547.6	531.1	514.7	495.9	477.2
87.5°	125.8	124.2	122.7	148.6	174.9	226.5	241.9	235.3	228.7	225.2	221.7
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: P971042

CATALOG NUMBER: NAV-SB6C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	5477.9	5444.7	5411.3	5378.1	5352.3	5326.4	5305.5	5284.6	5268.3	5252.0	5237.1
5°	5269.2	5210.3	5156.8	5103.2	5062.1	5020.7	4991.9	4963.0	4942.7	4922.2	4906.6
7.5°	5141.2	5066.9	5001.4	4936.0	4887.0	4838.2	4803.9	4769.5	4746.1	4722.7	4708.6
10°	5132.6	5052.5	4978.9	4905.2	4846.7	4788.0	4749.7	4711.0	4688.9	4666.6	4654.7
12.5°	5260.8	5198.4	5122.0	5046.0	4971.2	4896.4	4846.9	4797.5	4772.6	4748.0	4737.9
15°	5488.3	5472.0	5405.7	5339.5	5233.1	5126.6	5051.5	4976.3	4941.7	4907.4	4894.3
17.5°	5707.7	5758.6	5705.0	5651.8	5510.9	5369.9	5259.1	5148.3	5097.2	5046.0	5029.3
20°	5789.3	5896.0	5871.3	5846.5	5685.3	5524.3	5388.4	5252.7	5187.4	5121.8	5100.9
22.5°	5675.8	5814.6	5829.6	5844.2	5690.3	5536.4	5396.5	5256.4	5187.6	5118.5	5095.5
25°	5412.4	5548.9	5600.0	5650.7	5524.5	5398.5	5274.0	5150.0	5090.2	5030.6	5008.8
27.5°	5091.1	5200.5	5257.3	5314.3	5224.3	5134.6	5038.1	4941.5	4901.4	4861.3	4851.3
30°	4776.8	4867.8	4914.1	4960.2	4891.8	4823.2	4754.2	4684.7	4664.2	4643.6	4643.6
32.5°	4473.3	4560.6	4611.9	4663.3	4600.4	4537.3	4482.1	4426.9	4413.5	4400.1	4401.9
35°	4181.1	4267.5	4329.1	4390.6	4345.8	4301.1	4250.1	4199.3	4178.8	4158.6	4154.2
37.5°	3902.6	3988.9	4064.9	4141.0	4120.4	4099.7	4052.8	4005.8	3968.6	3931.7	3912.1
40°	3639.6	3722.7	3810.2	3898.0	3903.1	3907.9	3868.1	3828.3	3774.2	3720.5	3684.1
42.5°	3396.8	3475.8	3570.4	3664.9	3690.2	3715.5	3681.8	3648.4	3581.4	3514.2	3461.2
45°	3188.4	3263.1	3361.2	3459.3	3495.6	3531.8	3501.5	3471.4	3394.6	3318.1	3255.8
47.5°	3023.4	3096.4	3193.2	3289.9	3331.8	3373.5	3352.4	3331.2	3263.1	3194.9	3137.3
50°	2900.4	2969.3	3055.9	3142.6	3196.3	3250.0	3248.6	3247.7	3193.2	3138.7	3085.5
52.5°	2816.7	2879.8	2960.5	3041.5	3105.0	3168.6	3180.0	3191.4	3147.0	3102.6	3054.8
55°	2762.6	2830.7	2901.6	2972.2	3039.4	3107.0	3122.8	3138.7	3099.9	3061.3	3019.4
57.5°	2694.8	2774.9	2844.9	2915.0	2983.0	3050.7	3066.7	3082.8	3043.6	3004.5	2963.2
60°	2599.4	2691.3	2762.4	2833.6	2901.8	2969.9	2987.6	3005.2	2966.9	2928.8	2886.2
62.5°	2463.5	2570.8	2646.7	2722.6	2785.0	2847.4	2864.4	2881.4	2846.8	2812.3	2767.4
65°	2309.5	2424.5	2497.1	2569.7	2624.7	2679.7	2697.1	2714.2	2681.0	2647.8	2604.2
67.5°	2151.3	2257.5	2326.2	2394.9	2442.4	2489.9	2506.8	2523.5	2493.0	2462.7	2422.2
70°	1989.3	2082.6	2141.9	2201.4	2244.2	2287.1	2303.4	2319.7	2294.9	2270.0	2231.2
72.5°	1792.1	1865.3	1919.0	1972.6	2014.6	2056.7	2076.0	2095.4	2074.7	2054.0	2017.1
75°	1559.2	1613.8	1662.3	1710.9	1749.3	1787.5	1807.7	1828.0	1817.8	1807.7	1776.7
77.5°	1322.6	1366.7	1408.6	1450.4	1490.6	1530.6	1549.5	1568.5	1554.4	1539.9	1508.6
80°	1057.4	1094.1	1129.2	1164.5	1195.0	1225.4	1250.4	1275.5	1269.4	1263.4	1221.4
82.5°	764.4	761.4	749.1	736.8	801.9	866.9	909.6	952.2	949.6	946.7	911.3
85°	461.4	445.4	411.2	377.2	438.1	499.2	552.0	604.8	600.3	595.9	568.3
87.5°	221.0	220.4	194.4	168.2	193.7	219.5	240.8	262.1	256.9	251.1	237.1
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: P971042

CATALOG NUMBER: NAV-SB6C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	5221.9	5203.2	5221.9	5237.1	5252.0	5268.3	5284.6	5305.5	5326.4	5352.3	5378.1
5°	4890.9	4875.5	4890.9	4906.6	4922.2	4942.7	4963.0	4991.9	5020.7	5062.1	5103.2
7.5°	4694.8	4684.2	4694.8	4708.6	4722.7	4746.1	4769.5	4803.9	4838.2	4887.0	4936.0
10°	4642.8	4638.0	4642.8	4654.7	4666.6	4688.9	4711.0	4749.7	4788.0	4846.7	4905.2
12.5°	4727.7	4726.0	4727.7	4737.9	4748.0	4772.6	4797.5	4846.9	4896.4	4971.2	5046.0
15°	4881.0	4879.9	4881.0	4894.3	4907.4	4941.7	4976.3	5051.5	5126.6	5233.1	5339.5
17.5°	5012.4	5009.7	5012.4	5029.3	5046.0	5097.2	5148.3	5259.1	5369.9	5510.9	5651.8
20°	5080.1	5073.4	5080.1	5100.9	5121.8	5187.4	5252.7	5388.4	5524.3	5685.3	5846.5
22.5°	5072.4	5062.5	5072.4	5095.5	5118.5	5187.6	5256.4	5396.5	5536.4	5690.3	5844.2
25°	4987.2	4974.5	4987.2	5008.8	5030.6	5090.2	5150.0	5274.0	5398.5	5524.5	5650.7
27.5°	4841.5	4838.2	4841.5	4851.3	4861.3	4901.4	4941.5	5038.1	5134.6	5224.3	5314.3
30°	4643.6	4646.8	4643.6	4643.6	4643.6	4664.2	4684.7	4754.2	4823.2	4891.8	4960.2
32.5°	4403.8	4407.1	4403.8	4401.9	4400.1	4413.5	4426.9	4482.1	4537.3	4600.4	4663.3
35°	4149.8	4147.7	4149.8	4154.2	4158.6	4178.8	4199.3	4250.1	4301.1	4345.8	4390.6
37.5°	3892.5	3881.6	3892.5	3912.1	3931.7	3968.6	4005.8	4052.8	4099.7	4120.4	4141.0
40°	3648.0	3626.4	3648.0	3684.1	3720.5	3774.2	3828.3	3868.1	3907.9	3903.1	3898.0
42.5°	3408.2	3373.5	3408.2	3461.2	3514.2	3581.4	3648.4	3681.8	3715.5	3690.2	3664.9
45°	3193.6	3153.6	3193.6	3255.8	3318.1	3394.6	3471.4	3501.5	3531.8	3495.6	3459.3
47.5°	3079.9	3041.5	3079.9	3137.3	3194.9	3263.1	3331.2	3352.4	3373.5	3331.8	3289.9
50°	3032.2	2995.3	3032.2	3085.5	3138.7	3193.2	3247.7	3248.6	3250.0	3196.3	3142.6
52.5°	3007.4	2973.2	3007.4	3054.8	3102.6	3147.0	3191.4	3180.0	3168.6	3105.0	3041.5
55°	2977.6	2946.9	2977.6	3019.4	3061.3	3099.9	3138.7	3122.8	3107.0	3039.4	2972.2
57.5°	2921.6	2889.7	2921.6	2963.2	3004.5	3043.6	3082.8	3066.7	3050.7	2983.0	2915.0
60°	2843.6	2810.5	2843.6	2886.2	2928.8	2966.9	3005.2	2987.6	2969.9	2901.8	2833.6
62.5°	2722.6	2682.9	2722.6	2767.4	2812.3	2846.8	2881.4	2864.4	2847.4	2785.0	2722.6
65°	2561.0	2526.8	2561.0	2604.2	2647.8	2681.0	2714.2	2697.1	2679.7	2624.7	2569.7
67.5°	2381.7	2350.9	2381.7	2422.2	2462.7	2493.0	2523.5	2506.8	2489.9	2442.4	2394.9
70°	2192.6	2157.4	2192.6	2231.2	2270.0	2294.9	2319.7	2303.4	2287.1	2244.2	2201.4
72.5°	1980.3	1946.3	1980.3	2017.1	2054.0	2074.7	2095.4	2076.0	2056.7	2014.6	1972.6
75°	1745.7	1713.2	1745.7	1776.7	1807.7	1817.8	1828.0	1807.7	1787.5	1749.3	1710.9
77.5°	1477.4	1451.4	1477.4	1508.6	1539.9	1554.4	1568.5	1549.5	1530.6	1490.6	1450.4
80°	1179.2	1130.4	1179.2	1221.4	1263.4	1269.4	1275.5	1250.4	1225.4	1195.0	1164.5
82.5°	875.7	844.5	875.7	911.3	946.7	949.6	952.2	909.6	866.9	801.9	736.8
85°	540.6	512.4	540.6	568.3	595.9	600.3	604.8	552.0	499.2	438.1	377.2
87.5°	222.5	208.9	222.5	237.1	251.1	256.9	262.1	240.8	219.5	193.7	168.2
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: P971042

CATALOG NUMBER: NAV-SB6C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	5411.3	5444.7	5477.9	5511.1	5548.9	5587.0	5629.0	5671.2	5723.3	5770.1	5818.5
5°	5156.8	5210.3	5269.2	5328.2	5394.8	5461.6	5541.5	5621.1	5712.3	5804.7	5902.6
7.5°	5001.4	5066.9	5141.2	5215.3	5303.2	5391.3	5497.1	5603.1	5721.1	5847.1	5983.7
10°	4978.9	5052.5	5132.6	5212.4	5300.4	5388.4	5500.2	5611.9	5738.7	5894.2	6056.0
12.5°	5122.0	5198.4	5260.8	5323.7	5381.8	5440.3	5531.3	5622.8	5740.9	5904.3	6087.1
15°	5405.7	5472.0	5488.3	5504.5	5496.6	5488.7	5532.2	5576.0	5670.5	5851.5	6063.1
17.5°	5705.0	5758.6	5707.7	5656.7	5560.8	5464.9	5449.1	5433.0	5491.3	5704.2	5958.6
20°	5871.3	5896.0	5789.3	5682.6	5515.9	5349.5	5274.6	5199.9	5215.3	5463.1	5778.5
22.5°	5829.6	5814.6	5675.8	5537.0	5346.6	5156.6	5046.0	4935.4	4905.2	5187.4	5567.2
25°	5600.0	5548.9	5412.4	5275.8	5104.7	4933.8	4806.2	4678.7	4597.3	4886.6	5331.2
27.5°	5257.3	5200.5	5091.1	4981.5	4841.3	4700.8	4577.5	4454.4	4355.4	4618.6	5115.5
30°	4914.1	4867.8	4776.8	4686.0	4569.4	4452.9	4354.8	4257.1	4179.5	4400.5	4935.2
32.5°	4611.9	4560.6	4473.3	4386.2	4293.0	4199.9	4142.1	4084.3	4049.8	4227.9	4779.7
35°	4329.1	4267.5	4181.1	4094.9	4024.0	3953.0	3936.9	3921.1	3935.4	4083.8	4626.8
37.5°	4064.9	3988.9	3902.6	3816.7	3765.8	3714.8	3732.4	3750.0	3802.3	3932.1	4447.0
40°	3810.2	3722.7	3639.6	3556.4	3519.7	3483.1	3522.8	3562.7	3643.0	3760.5	4232.3
42.5°	3570.4	3475.8	3396.8	3318.1	3288.0	3258.1	3310.9	3363.6	3464.8	3573.2	3995.4
45°	3361.2	3263.1	3188.4	3113.5	3088.0	3063.0	3114.3	3165.7	3263.6	3373.5	3743.8
47.5°	3193.2	3096.4	3023.4	2950.2	2926.7	2902.9	2946.0	2989.1	3073.4	3215.2	3544.9
50°	3055.9	2969.3	2900.4	2831.5	2794.3	2757.4	2795.4	2833.6	2931.5	3117.9	3412.6
52.5°	2960.5	2879.8	2816.7	2753.4	2697.9	2642.2	2679.9	2717.7	2854.5	3069.0	3325.6
55°	2901.6	2830.7	2762.6	2694.4	2615.7	2536.8	2596.3	2656.2	2862.2	3061.7	3262.5
57.5°	2844.9	2774.9	2694.8	2614.8	2529.9	2445.0	2532.2	2619.2	2869.9	3045.9	3187.6
60°	2762.4	2691.3	2599.4	2507.5	2433.1	2358.6	2471.7	2584.4	2845.7	2961.8	3073.4
62.5°	2646.7	2570.8	2463.5	2356.4	2309.1	2261.9	2402.8	2543.9	2786.4	2800.6	2874.5
65°	2497.1	2424.5	2309.5	2194.7	2176.7	2158.4	2308.7	2458.7	2643.4	2641.6	2676.6
67.5°	2326.2	2257.5	2151.3	2045.2	2050.9	2056.7	2181.6	2306.5	2410.3	2415.1	2395.7
70°	2141.9	2082.6	1989.3	1896.1	1915.9	1935.7	2024.6	2113.3	2147.5	2147.5	2057.1
72.5°	1919.0	1865.3	1792.1	1718.6	1747.4	1776.5	1837.4	1898.3	1897.9	1876.4	1748.1
75°	1662.3	1613.8	1559.2	1504.7	1532.6	1560.3	1607.4	1654.2	1662.6	1563.1	1419.3
77.5°	1408.6	1366.7	1322.6	1278.2	1306.3	1334.4	1372.1	1409.7	1414.1	1250.2	1110.6
80°	1129.2	1094.1	1057.4	1020.4	1044.2	1067.7	1099.3	1130.8	1131.5	935.7	817.6
82.5°	749.1	761.4	764.4	767.5	784.2	800.9	816.3	831.7	822.5	655.4	568.3
85°	411.2	445.4	461.4	477.2	495.9	514.7	531.1	547.6	535.5	411.2	347.5
87.5°	194.4	220.4	221.0	221.7	225.2	228.7	235.3	241.9	226.5	174.9	148.6
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: P971042

CATALOG NUMBER: NAV-SB6C-830-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0	5731.0
2.5°	5866.9	5917.5	5968.1	6018.2	6068.6	6115.9	6163.1
5°	6000.5	6105.1	6210.0	6314.0	6418.2	6522.7	6627.1
7.5°	6120.3	6275.4	6430.3	6589.6	6748.8	6921.0	7093.4
10°	6217.4	6405.9	6594.2	6804.5	7014.9	7232.8	7450.7
12.5°	6269.8	6491.9	6714.1	6952.5	7190.8	7430.1	7669.6
15°	6274.6	6530.4	6786.2	7044.8	7303.4	7553.0	7802.6
17.5°	6213.0	6510.0	6806.8	7089.0	7371.2	7624.3	7877.4
20°	6093.8	6453.7	6813.5	7123.5	7433.6	7696.8	7959.8
22.5°	5946.9	6384.6	6822.2	7170.2	7517.9	7786.8	8055.6
25°	5776.1	6316.5	6856.9	7254.6	7652.0	7915.3	8178.7
27.5°	5612.3	6271.0	6929.5	7386.6	7843.3	8094.6	8345.9
30°	5469.7	6249.6	7028.9	7557.4	8085.9	8328.4	8571.3
32.5°	5331.2	6223.2	7114.7	7735.8	8356.8	8597.0	8837.3
35°	5169.8	6173.5	7177.7	7938.9	8700.3	8930.6	9160.6
37.5°	4961.7	6088.4	7215.0	8166.6	9118.2	9411.6	9704.9
40°	4704.0	5971.1	7238.6	8455.5	9672.3	10099.8	10527.4
42.5°	4417.6	5850.2	7283.1	8833.6	10384.0	11001.1	11618.2
45°	4114.1	5737.8	7361.7	9331.1	11300.4	12132.8	12965.1
47.5°	3874.5	5645.0	7415.6	9861.0	12306.6	13478.2	14649.7
50°	3707.3	5543.9	7380.4	10352.8	13325.2	15091.5	16857.7
52.5°	3582.5	5372.9	7163.7	10672.1	14180.2	16786.2	19392.2
55°	3463.3	5089.7	6716.2	10601.7	14486.9	18288.7	22090.6
57.5°	3329.5	4690.4	6051.0	10106.5	14162.2	19353.5	24544.9
60°	3184.8	4171.9	5158.8	9184.8	13210.8	19619.6	26028.2
62.5°	2948.6	3551.2	4153.8	7938.5	11723.3	18499.1	25275.0
65°	2711.5	2992.8	3274.2	6667.0	10060.1	16913.7	23767.5
67.5°	2376.2	2456.2	2536.1	5421.3	8306.7	15027.1	21747.5
70°	1966.5	1943.8	1921.0	4268.6	6616.2	12968.5	19320.7
72.5°	1619.7	1550.6	1481.8	3263.3	5044.8	10736.8	16428.8
75°	1275.5	1213.1	1150.6	2368.5	3586.4	8178.5	12770.6
77.5°	970.9	928.2	885.8	1604.9	2324.1	5724.2	9124.3
80°	699.4	681.7	664.1	1034.0	1404.1	3688.0	5971.9
82.5°	481.1	477.6	474.6	636.0	797.9	2134.5	3471.4
85°	283.7	285.5	287.0	340.0	393.2	960.1	1527.4
87.5°	122.7	124.2	125.8	140.9	156.1	314.5	472.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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