

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: P970825

Luminaire Tested: **NAV-SB6C-727-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970825
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-727-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2700K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43022.3 lumens
Efficiency: N/A
Efficacy: 143.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

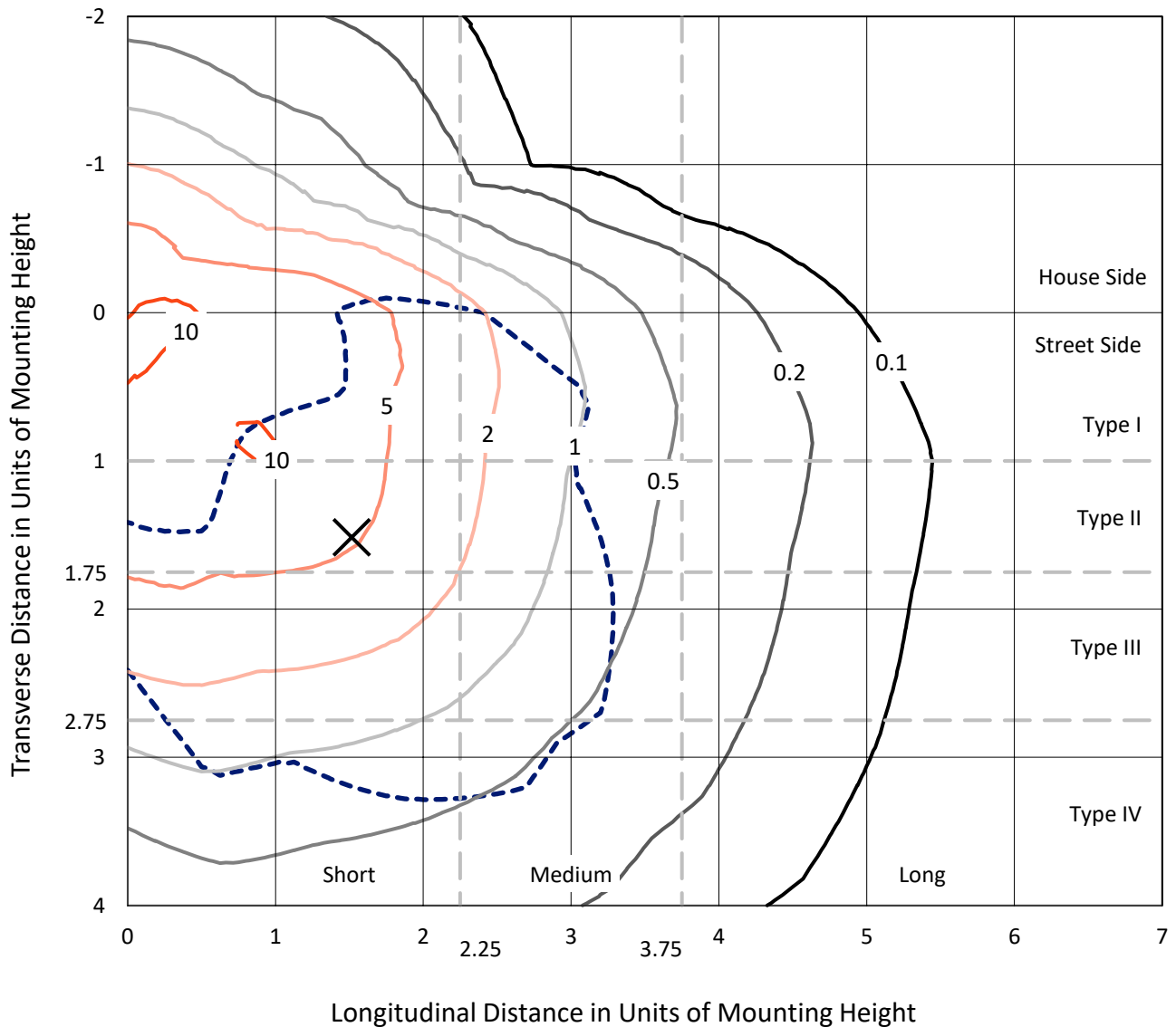
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

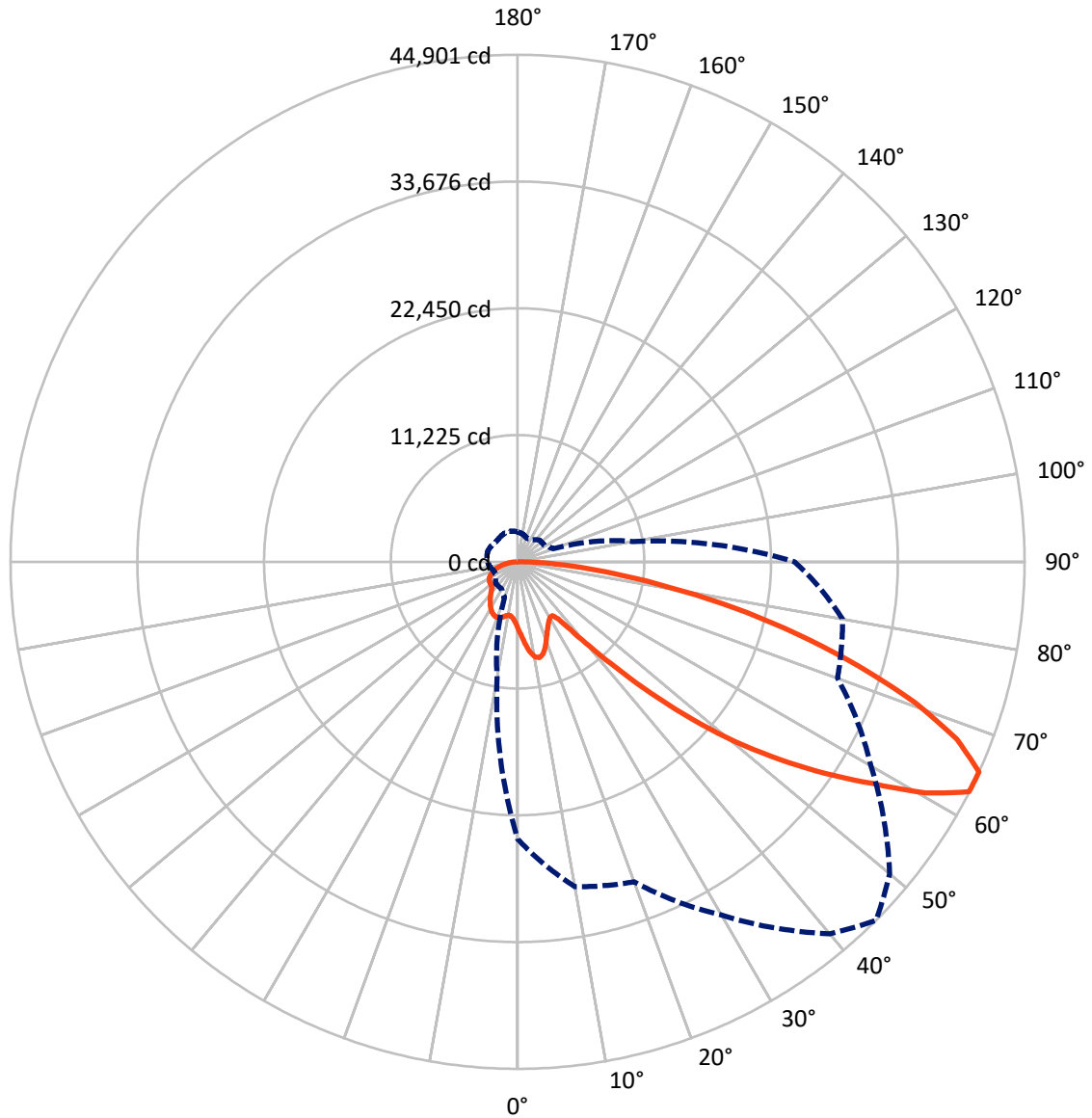
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10934.1	0.0	10934.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	32088.2	0.0	32088.2
	% Fixture	74.6	0.0	74.6
Total	Lumens	43022.3	0.0	43022.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	586.9	1.4
10°-20°	1842.3	4.3
20°-30°	2845.7	6.6
30°-40°	3606.2	8.4
40°-50°	5439.0	12.6
50°-60°	8787.5	20.4
60°-70°	10955.0	25.5
70°-80°	7183.8	16.7
80°-90°	1776.0	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°	43022.3	100.0
0°-180°	43022.3	100.0

Coefficient of Utilization

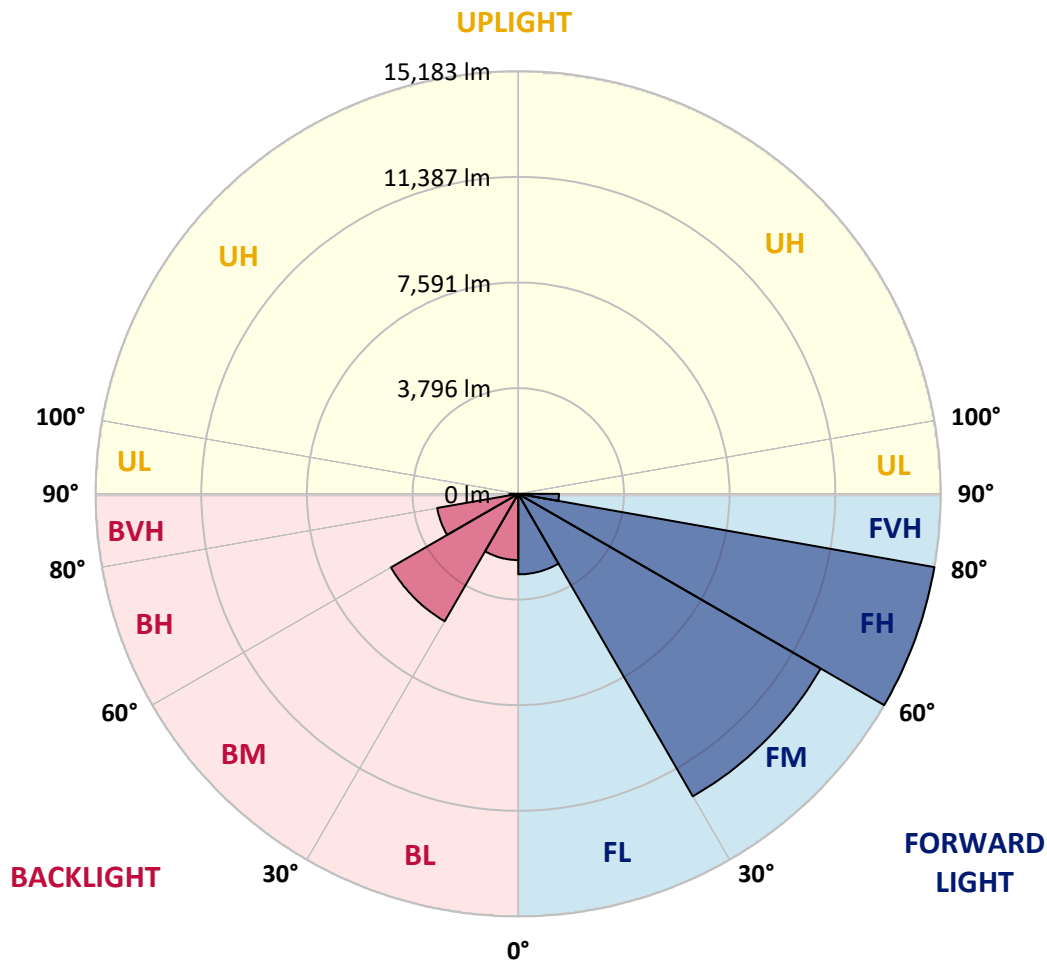


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2893.7	6.7			
FM (30°-60°)	12548.7	29.2			
FH (60°-80°)	15182.8	35.3			G5
FVH (80°-90°)	1463.0	3.4			G5
BL (0°-30°)	2381.0	5.5	B3/2500		
BM (30°-60°)	5284.0	12.3	B4/8500		
BH (60°-80°)	2956.1	6.9	B4/5000		G4/5000
BVH (80°-90°)	313.0	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°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	6362.0	6386.1	6410.3	6444.7	6478.9	6499.3	6519.8	6530.0	6540.2	6535.7	6540.2
5°	6841.1	6925.2	7009.7	7093.2	7176.9	7222.4	7267.8	7295.2	7323.0	7343.8	7323.0
7.5°	7322.3	7459.4	7596.3	7719.6	7842.8	7917.1	7991.3	8031.5	8071.5	8090.7	8071.5
10°	7691.2	7853.2	8015.4	8159.9	8304.6	8392.2	8479.3	8518.4	8557.2	8572.0	8557.2
12.5°	7917.1	8092.8	8268.3	8399.0	8529.3	8592.9	8656.4	8677.8	8699.1	8701.4	8699.1
15°	8054.3	8206.0	8357.4	8439.4	8521.5	8523.9	8526.2	8503.4	8480.7	8453.9	8480.7
17.5°	8131.5	8233.9	8336.3	8338.0	8339.3	8247.4	8155.4	8071.2	7986.7	7927.2	7986.7
20°	8216.7	8252.4	8288.3	8180.4	8072.6	7869.6	7666.7	7518.9	7371.1	7280.3	7371.1
22.5°	8315.4	8268.7	8221.9	7998.6	7775.1	7476.7	7178.2	6993.4	6808.6	6708.2	6808.6
25°	8442.6	8295.0	8147.5	7808.3	7469.2	7106.6	6744.1	6549.7	6355.9	6261.0	6355.9
27.5°	8615.1	8351.3	8087.4	7638.1	7189.0	6787.2	6385.4	6194.3	6003.3	5913.6	6003.3
30°	8847.8	8454.4	8061.2	7508.2	6955.2	6536.6	6118.0	5940.7	5763.4	5679.8	5763.4
32.5°	9122.5	8583.8	8045.3	7419.7	6794.0	6400.6	6007.2	5868.0	5728.6	5668.5	5728.6
35°	9456.2	8797.0	8138.0	7486.0	6834.2	6560.9	6287.8	6255.4	6222.9	6217.9	6222.9
37.5°	10018.0	9242.5	8467.1	7874.6	7282.1	7264.4	7246.6	7395.2	7543.6	7620.8	7543.6
40°	10867.0	10023.7	9180.4	8739.8	8299.1	8610.1	8921.1	9282.1	9643.0	9822.8	9643.0
42.5°	11993.0	11156.3	10319.5	10065.7	9811.9	10490.3	11168.5	11825.1	12481.6	12867.0	12481.6
45°	13383.5	12631.9	11880.1	11768.1	11656.0	12742.7	13829.6	14908.3	15987.3	16642.3	15987.3
47.5°	15122.4	14391.2	13659.8	13637.1	13614.4	15182.1	16749.4	18328.7	19907.9	20835.2	19907.9
50°	17401.6	16498.3	15595.3	15599.2	15603.0	17623.4	19643.8	21728.5	23813.1	25073.6	23813.1
52.5°	20017.9	18924.2	17830.7	17720.1	17609.3	20022.8	22436.1	25015.4	27594.4	29105.3	27594.4
55°	22803.4	21722.8	20642.3	20211.2	19780.0	22466.1	25151.9	28226.8	31301.6	33098.4	31301.6
57.5°	25336.9	24748.4	24159.8	23295.1	22430.6	25142.7	27854.9	31337.7	34820.3	37048.4	34820.3
60°	26868.0	27782.0	28696.2	27622.4	26548.6	29115.2	31681.8	35410.8	39139.6	41547.8	39139.6
62.5°	26090.6	28587.9	31085.3	30964.2	30843.1	33194.2	35545.6	39093.3	42640.8	44866.7	42640.8
65°	24534.4	26878.3	29222.1	29685.9	30149.5	33137.4	36125.6	39565.7	43005.6	44900.7	43005.6
67.5°	22449.2	24678.5	26907.8	27125.3	27342.5	30455.7	33568.8	37023.6	40478.6	41963.2	40478.6
70°	19944.1	22368.9	24793.8	24891.0	24988.4	27772.5	30556.3	33529.5	36502.4	37327.6	36502.4
72.5°	16958.9	19741.4	22524.2	22594.1	22663.8	24842.0	27020.1	29246.9	31473.4	31557.0	31473.4
75°	13182.6	16062.5	18942.4	19200.9	19459.5	21154.2	22848.8	24416.3	25983.9	25563.8	25983.9
77.5°	9418.7	12107.0	14795.6	15165.6	15535.6	16823.8	18112.2	19223.9	20335.8	19613.9	20335.8
80°	6164.6	8426.2	10687.8	11147.7	11607.6	12580.5	13553.1	14137.0	14720.6	13559.4	14720.6
82.5°	3583.4	5129.6	6675.9	7189.7	7703.7	8373.3	9043.1	9286.6	9529.9	8617.4	9529.9
85°	1576.6	2397.3	3217.9	3654.9	4091.9	4642.2	5192.2	5330.5	5468.7	4737.8	5468.7
87.5°	488.1	763.9	1039.8	1283.5	1527.4	1802.5	2077.6	2089.5	2101.0	1763.9	2101.0
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°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	6530.0	6519.8	6499.3	6478.9	6444.7	6410.3	6386.1	6362.0	6313.2	6264.4	6212.4
5°	7295.2	7267.8	7222.4	7176.9	7093.2	7009.7	6925.2	6841.1	6733.2	6625.4	6517.8
7.5°	8031.5	7991.3	7917.1	7842.8	7719.6	7596.3	7459.4	7322.3	7144.4	6966.5	6802.2
10°	8518.4	8479.3	8392.2	8304.6	8159.9	8015.4	7853.2	7691.2	7466.2	7241.2	7024.0
12.5°	8677.8	8656.4	8592.9	8529.3	8399.0	8268.3	8092.8	7917.1	7669.9	7422.8	7176.7
15°	8503.4	8526.2	8523.9	8521.5	8439.4	8357.4	8206.0	8054.3	7796.8	7539.1	7272.1
17.5°	8071.2	8155.4	8247.4	8339.3	8338.0	8336.3	8233.9	8131.5	7870.3	7609.0	7317.8
20°	7518.9	7666.7	7869.6	8072.6	8180.4	8288.3	8252.4	8216.7	7945.2	7673.5	7353.4
22.5°	6993.4	7178.2	7476.7	7775.1	7998.6	8221.9	8268.7	8315.4	8038.0	7760.4	7401.5
25°	6549.7	6744.1	7106.6	7469.2	7808.3	8147.5	8295.0	8442.6	8170.6	7898.9	7488.6
27.5°	6194.3	6385.4	6787.2	7189.0	7638.1	8087.4	8351.3	8615.1	8355.9	8096.4	7624.9
30°	5940.7	6118.0	6536.6	6955.2	7508.2	8061.2	8454.4	8847.8	8597.2	8346.8	7801.3
32.5°	5868.0	6007.2	6400.6	6794.0	7419.7	8045.3	8583.8	9122.5	8874.3	8626.5	7985.4
35°	6255.4	6287.8	6560.9	6834.2	7486.0	8138.0	8797.0	9456.2	9218.7	8981.0	8195.2
37.5°	7395.2	7246.6	7264.4	7282.1	7874.6	8467.1	9242.5	10018.0	9715.3	9412.4	8430.1
40°	9282.1	8921.1	8610.1	8299.1	8739.8	9180.4	10023.7	10867.0	10425.8	9984.4	8728.4
42.5°	11825.1	11168.5	10490.3	9811.9	10065.7	10319.5	11156.3	11993.0	11356.1	10719.0	9118.6
45°	14908.3	13829.6	12742.7	11656.0	11768.1	11880.1	12631.9	13383.5	12524.3	11665.0	9632.1
47.5°	18328.7	16749.4	15182.1	13614.4	13637.1	13659.8	14391.2	15122.4	13913.1	12703.6	10179.3
50°	21728.5	19643.8	17623.4	15603.0	15599.2	15595.3	16498.3	17401.6	15578.5	13755.1	10686.9
52.5°	25015.4	22436.1	20022.8	17609.3	17720.1	17830.7	18924.2	20017.9	17327.8	14637.7	11016.5
55°	28226.8	25151.9	22466.1	19780.0	20211.2	20642.3	21722.8	22803.4	18878.8	14954.4	10943.8
57.5°	31337.7	27854.9	25142.7	22430.6	23295.1	24159.8	24748.4	25336.9	19978.0	14619.2	10432.6
60°	35410.8	31681.8	29115.2	26548.6	27622.4	28696.2	27782.0	26868.0	20252.7	13637.1	9481.1
62.5°	39093.3	35545.6	33194.2	30843.1	30964.2	31085.3	28587.9	26090.6	19096.1	12101.6	8194.7
65°	39565.7	36125.6	33137.4	30149.5	29685.9	29222.1	26878.3	24534.4	17459.5	10384.7	6882.1
67.5°	37023.6	33568.8	30455.7	27342.5	27125.3	26907.8	24678.5	22449.2	15511.9	8574.7	5596.3
70°	33529.5	30556.3	27772.5	24988.4	24891.0	24793.8	22368.9	19944.1	13386.9	6829.7	4406.3
72.5°	29246.9	27020.1	24842.0	22663.8	22594.1	22524.2	19741.4	16958.9	11083.2	5207.6	3368.7
75°	24416.3	22848.8	21154.2	19459.5	19200.9	18942.4	16062.5	13182.6	8442.3	3702.1	2444.9
77.5°	19223.9	18112.2	16823.8	15535.6	15165.6	14795.6	12107.0	9418.7	5908.9	2399.1	1656.7
80°	14137.0	13553.1	12580.5	11607.6	11147.7	10687.8	8426.2	6164.6	3807.0	1449.5	1067.4
82.5°	9286.6	9043.1	8373.3	7703.7	7189.7	6675.9	5129.6	3583.4	2203.3	823.6	656.5
85°	5330.5	5192.2	4642.2	4091.9	3654.9	3217.9	2397.3	1576.6	991.2	405.9	351.0
87.5°	2089.5	2077.6	1802.5	1527.4	1283.5	1039.8	763.9	488.1	324.6	161.1	145.5
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°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	6160.7	6108.5	6056.2	6006.3	5956.4	5908.0	5854.2	5810.6	5767.3	5728.0	5689.0
5°	6410.3	6302.1	6194.1	6093.0	5991.9	5896.6	5802.4	5720.2	5637.8	5568.8	5500.0
7.5°	6637.8	6477.8	6317.8	6176.8	6035.8	5905.7	5783.9	5674.4	5565.2	5474.4	5383.6
10°	6806.9	6612.7	6418.1	6251.5	6084.4	5923.9	5792.9	5677.6	5562.3	5471.4	5380.6
12.5°	6930.6	6701.4	6472.2	6283.5	6094.9	5926.1	5804.3	5709.8	5615.9	5555.4	5495.5
15°	7005.2	6741.1	6477.1	6258.8	6040.3	5853.5	5755.9	5710.7	5665.8	5674.0	5682.1
17.5°	7026.5	6720.0	6413.5	6150.9	5888.2	5668.5	5608.3	5624.9	5641.3	5740.2	5839.2
20°	7033.3	6661.9	6290.5	5965.0	5639.4	5383.6	5367.7	5444.9	5522.1	5693.9	5866.0
22.5°	7042.4	6590.6	6138.8	5746.8	5354.8	5063.5	5094.7	5208.8	5323.0	5519.1	5715.7
25°	7078.2	6520.2	5962.5	5503.2	5044.2	4745.6	4829.7	4961.3	5093.0	5269.4	5446.0
27.5°	7153.2	6473.3	5793.4	5280.5	4767.7	4496.0	4598.2	4725.2	4852.3	4997.5	5142.3
30°	7255.8	6451.2	5646.2	5094.4	4542.5	4314.3	4394.5	4495.3	4596.5	4716.8	4837.2
32.5°	7344.3	6424.0	5503.2	4933.8	4364.3	4180.5	4216.0	4275.8	4335.4	4431.5	4527.7
35°	7409.2	6372.7	5336.6	4776.1	4215.6	4062.4	4047.6	4064.0	4080.5	4153.9	4227.0
37.5°	7447.9	6284.8	5121.8	4590.5	4059.0	3925.0	3871.0	3852.9	3834.7	3887.3	3939.8
40°	7472.1	6163.8	4855.8	4368.9	3881.9	3760.4	3677.6	3636.5	3595.4	3633.3	3671.2
42.5°	7518.2	6039.0	4560.2	4124.4	3688.5	3576.5	3472.2	3417.7	3363.2	3394.1	3425.1
45°	7599.2	5923.0	4247.0	3864.7	3482.3	3368.9	3267.8	3214.7	3161.8	3187.7	3214.0
47.5°	7654.9	5827.2	3999.6	3659.2	3319.0	3172.5	3085.6	3041.1	2996.6	3021.1	3045.4
50°	7618.5	5722.8	3826.9	3522.8	3218.6	3026.1	2925.0	2885.6	2846.3	2884.5	2922.8
52.5°	7395.0	5546.4	3698.0	3432.9	3168.0	2946.7	2805.4	2766.4	2727.5	2785.0	2842.2
55°	6933.0	5253.9	3575.0	3367.7	3160.5	2954.6	2741.9	2680.1	2618.6	2700.1	2781.3
57.5°	6246.2	4841.7	3436.9	3290.6	3144.1	2962.6	2703.7	2613.9	2524.0	2611.6	2699.1
60°	5325.3	4306.4	3287.6	3172.5	3057.4	2937.5	2667.9	2551.4	2434.7	2511.7	2588.4
62.5°	4287.8	3665.8	3043.7	2967.3	2891.0	2876.3	2626.0	2480.3	2334.8	2383.6	2432.4
65°	3379.7	3089.5	2799.1	2763.0	2726.9	2728.7	2538.0	2383.1	2228.1	2247.0	2265.6
67.5°	2618.0	2535.5	2452.8	2473.1	2493.0	2488.1	2380.9	2251.9	2123.0	2117.1	2111.2
70°	1983.0	2006.5	2029.9	2123.5	2216.8	2216.8	2181.6	2089.9	1998.1	1977.7	1957.3
72.5°	1529.6	1600.6	1672.0	1804.5	1936.8	1959.1	1959.6	1896.7	1833.8	1803.8	1774.1
75°	1187.8	1252.2	1316.7	1465.1	1613.6	1716.3	1707.5	1659.3	1610.7	1582.1	1553.2
77.5°	914.4	958.2	1002.2	1146.5	1290.6	1459.7	1455.2	1416.3	1377.5	1348.5	1319.4
80°	685.6	703.8	721.9	844.0	966.0	1168.0	1167.3	1134.9	1102.2	1077.9	1053.3
82.5°	489.8	493.0	496.7	586.6	676.5	849.0	858.5	842.7	826.8	809.5	792.2
85°	296.2	294.7	292.8	358.6	424.6	552.8	565.3	548.3	531.3	511.9	492.6
87.5°	129.9	128.2	126.7	153.4	180.5	233.8	249.7	242.9	236.1	232.5	228.8
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: P970825
 CATALOG NUMBER: NAV-SB6C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	5654.6	5620.4	5585.8	5551.6	5525.1	5498.2	5476.7	5455.2	5438.3	5421.5	5406.1
5°	5439.3	5378.4	5323.2	5267.8	5225.3	5182.7	5153.0	5123.3	5102.1	5081.0	5064.8
7.5°	5307.1	5230.4	5162.7	5095.3	5044.6	4994.3	4958.8	4923.5	4899.2	4875.1	4860.5
10°	5298.2	5215.6	5139.6	5063.5	5003.1	4942.5	4903.0	4863.0	4840.2	4817.2	4804.9
12.5°	5430.6	5366.1	5287.4	5208.8	5131.7	5054.4	5003.3	4952.3	4926.7	4901.2	4890.8
15°	5665.3	5648.6	5580.2	5511.8	5402.0	5292.1	5214.5	5136.8	5101.2	5065.8	5052.1
17.5°	5891.9	5944.3	5889.1	5834.2	5688.7	5543.2	5428.8	5314.3	5261.7	5208.8	5191.5
20°	5976.1	6086.2	6060.8	6035.1	5868.7	5702.6	5562.3	5422.1	5354.8	5287.2	5265.5
22.5°	5859.0	6002.2	6017.7	6032.8	5874.0	5715.0	5570.7	5426.0	5355.0	5283.7	5259.9
25°	5587.0	5728.0	5780.6	5833.1	5702.8	5572.7	5444.2	5316.2	5254.5	5192.9	5170.4
27.5°	5255.4	5368.4	5427.0	5485.8	5392.9	5300.3	5200.6	5101.0	5059.6	5018.1	5007.8
30°	4931.0	5025.0	5072.6	5120.3	5049.7	4978.8	4907.6	4835.8	4814.7	4793.4	4793.4
32.5°	4617.6	4707.8	4760.7	4813.8	4748.8	4683.7	4626.7	4569.8	4555.9	4542.1	4543.9
35°	4316.0	4405.1	4468.7	4532.3	4486.0	4439.9	4387.2	4334.8	4313.7	4292.8	4288.3
37.5°	4028.6	4117.5	4196.1	4274.7	4253.3	4231.9	4183.6	4135.1	4096.6	4058.5	4038.3
40°	3757.0	3842.8	3933.2	4023.8	4029.0	4034.0	3992.9	3951.8	3896.0	3840.6	3803.0
42.5°	3506.4	3587.9	3685.6	3783.2	3809.3	3835.3	3800.6	3766.2	3696.9	3627.7	3572.9
45°	3291.3	3368.5	3469.6	3570.9	3608.4	3645.8	3614.5	3583.4	3504.2	3425.1	3360.9
47.5°	3120.9	3196.4	3296.2	3396.1	3439.3	3482.3	3460.6	3438.8	3368.5	3298.0	3238.6
50°	2994.0	3065.2	3154.5	3244.0	3299.4	3354.8	3353.4	3352.5	3296.2	3239.9	3185.0
52.5°	2907.6	2972.7	3056.0	3139.6	3205.2	3270.8	3282.6	3294.5	3248.5	3202.7	3153.4
55°	2851.8	2922.1	2995.2	3068.0	3137.5	3207.2	3223.6	3239.9	3199.9	3160.0	3116.9
57.5°	2781.8	2864.5	2936.6	3009.1	3079.2	3149.1	3165.7	3182.2	3141.8	3101.4	3058.8
60°	2683.2	2778.2	2851.5	2925.0	2995.5	3065.8	3083.9	3102.2	3062.6	3023.3	2979.3
62.5°	2543.0	2653.7	2732.1	2810.4	2874.9	2939.4	2956.8	2974.3	2938.7	2903.0	2856.7
65°	2384.0	2502.8	2577.8	2652.6	2709.4	2766.2	2784.1	2801.7	2767.5	2733.3	2688.3
67.5°	2220.7	2330.2	2401.4	2472.2	2521.2	2570.2	2587.7	2604.9	2573.4	2542.1	2500.3
70°	2053.6	2149.8	2211.1	2272.4	2316.7	2360.9	2377.7	2394.5	2368.9	2343.3	2303.3
72.5°	1849.9	1925.6	1980.9	2036.3	2079.6	2123.0	2143.0	2163.0	2141.6	2120.3	2082.2
75°	1609.6	1665.8	1716.0	1766.2	1805.6	1845.2	1866.0	1886.9	1876.5	1866.0	1834.0
77.5°	1365.3	1410.9	1454.0	1497.1	1538.7	1580.0	1599.5	1619.1	1604.5	1589.6	1557.3
80°	1091.5	1129.3	1165.7	1202.0	1233.6	1265.0	1290.8	1316.7	1310.4	1304.2	1260.9
82.5°	789.0	785.9	773.2	760.4	827.7	894.9	938.9	983.0	980.2	977.3	940.7
85°	476.3	459.7	424.6	389.3	452.2	515.3	569.8	624.3	619.7	615.2	586.6
87.5°	228.2	227.4	200.7	173.6	200.0	226.5	248.6	270.6	265.2	259.2	244.8
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: P970825
 CATALOG NUMBER: NAV-SB6C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	5390.4	5371.1	5390.4	5406.1	5421.5	5438.3	5455.2	5476.7	5498.2	5525.1	5551.6
5°	5048.7	5032.9	5048.7	5064.8	5081.0	5102.1	5123.3	5153.0	5182.7	5225.3	5267.8
7.5°	4846.3	4835.3	4846.3	4860.5	4875.1	4899.2	4923.5	4958.8	4994.3	5044.6	5095.3
10°	4792.7	4787.7	4792.7	4804.9	4817.2	4840.2	4863.0	4903.0	4942.5	5003.1	5063.5
12.5°	4880.3	4878.5	4880.3	4890.8	4901.2	4926.7	4952.3	5003.3	5054.4	5131.7	5208.8
15°	5038.5	5037.4	5038.5	5052.1	5065.8	5101.2	5136.8	5214.5	5292.1	5402.0	5511.8
17.5°	5174.1	5171.3	5174.1	5191.5	5208.8	5261.7	5314.3	5428.8	5543.2	5688.7	5834.2
20°	5244.0	5237.1	5244.0	5265.5	5287.2	5354.8	5422.1	5562.3	5702.6	5868.7	6035.1
22.5°	5236.0	5225.9	5236.0	5259.9	5283.7	5355.0	5426.0	5570.7	5715.0	5874.0	6032.8
25°	5148.2	5135.0	5148.2	5170.4	5192.9	5254.5	5316.2	5444.2	5572.7	5702.8	5833.1
27.5°	4997.7	4994.3	4997.7	5007.8	5018.1	5059.6	5101.0	5200.6	5300.3	5392.9	5485.8
30°	4793.4	4796.8	4793.4	4793.4	4793.4	4814.7	4835.8	4907.6	4978.8	5049.7	5120.3
32.5°	4545.9	4549.4	4545.9	4543.9	4542.1	4555.9	4569.8	4626.7	4683.7	4748.8	4813.8
35°	4283.7	4281.4	4283.7	4288.3	4292.8	4313.7	4334.8	4387.2	4439.9	4486.0	4532.3
37.5°	4018.1	4006.7	4018.1	4038.3	4058.5	4096.6	4135.1	4183.6	4231.9	4253.3	4274.7
40°	3765.6	3743.4	3765.6	3803.0	3840.6	3896.0	3951.8	3992.9	4034.0	4029.0	4023.8
42.5°	3518.2	3482.3	3518.2	3572.9	3627.7	3696.9	3766.2	3800.6	3835.3	3809.3	3783.2
45°	3296.7	3255.4	3296.7	3360.9	3425.1	3504.2	3583.4	3614.5	3645.8	3608.4	3570.9
47.5°	3179.3	3139.6	3179.3	3238.6	3298.0	3368.5	3438.8	3460.6	3482.3	3439.3	3396.1
50°	3130.0	3091.9	3130.0	3185.0	3239.9	3296.2	3352.5	3353.4	3354.8	3299.4	3244.0
52.5°	3104.4	3069.2	3104.4	3153.4	3202.7	3248.5	3294.5	3282.6	3270.8	3205.2	3139.6
55°	3073.8	3042.0	3073.8	3116.9	3160.0	3199.9	3239.9	3223.6	3207.2	3137.5	3068.0
57.5°	3015.9	2983.0	3015.9	3058.8	3101.4	3141.8	3182.2	3165.7	3149.1	3079.2	3009.1
60°	2935.3	2901.3	2935.3	2979.3	3023.3	3062.6	3102.2	3083.9	3065.8	2995.5	2925.0
62.5°	2810.4	2769.5	2810.4	2856.7	2903.0	2938.7	2974.3	2956.8	2939.4	2874.9	2810.4
65°	2643.6	2608.4	2643.6	2688.3	2733.3	2767.5	2801.7	2784.1	2766.2	2709.4	2652.6
67.5°	2458.6	2426.8	2458.6	2500.3	2542.1	2573.4	2604.9	2587.7	2570.2	2521.2	2472.2
70°	2263.3	2227.0	2263.3	2303.3	2343.3	2368.9	2394.5	2377.7	2360.9	2316.7	2272.4
72.5°	2044.3	2009.1	2044.3	2082.2	2120.3	2141.6	2163.0	2143.0	2123.0	2079.6	2036.3
75°	1802.1	1768.4	1802.1	1834.0	1866.0	1876.5	1886.9	1866.0	1845.2	1805.6	1766.2
77.5°	1525.1	1498.2	1525.1	1557.3	1589.6	1604.5	1619.1	1599.5	1580.0	1538.7	1497.1
80°	1217.3	1166.9	1217.3	1260.9	1304.2	1310.4	1316.7	1290.8	1265.0	1233.6	1202.0
82.5°	903.9	871.8	903.9	940.7	977.3	980.2	983.0	938.9	894.9	827.7	760.4
85°	558.0	528.9	558.0	586.6	615.2	619.7	624.3	569.8	515.3	452.2	389.3
87.5°	229.7	215.7	229.7	244.8	259.2	265.2	270.6	248.6	226.5	200.0	173.6
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: P970825
 CATALOG NUMBER: NAV-SB6C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	5585.8	5620.4	5654.6	5689.0	5728.0	5767.3	5810.6	5854.2	5908.0	5956.4	6006.3
5°	5323.2	5378.4	5439.3	5500.0	5568.8	5637.8	5720.2	5802.4	5896.6	5991.9	6093.0
7.5°	5162.7	5230.4	5307.1	5383.6	5474.4	5565.2	5674.4	5783.9	5905.7	6035.8	6176.8
10°	5139.6	5215.6	5298.2	5380.6	5471.4	5562.3	5677.6	5792.9	5923.9	6084.4	6251.5
12.5°	5287.4	5366.1	5430.6	5495.5	5555.4	5615.9	5709.8	5804.3	5926.1	6094.9	6283.5
15°	5580.2	5648.6	5665.3	5682.1	5674.0	5665.8	5710.7	5755.9	5853.5	6040.3	6258.8
17.5°	5889.1	5944.3	5891.9	5839.2	5740.2	5641.3	5624.9	5608.3	5668.5	5888.2	6150.9
20°	6060.8	6086.2	5976.1	5866.0	5693.9	5522.1	5444.9	5367.7	5383.6	5639.4	5965.0
22.5°	6017.7	6002.2	5859.0	5715.7	5519.1	5323.0	5208.8	5094.7	5063.5	5354.8	5746.8
25°	5780.6	5728.0	5587.0	5446.0	5269.4	5093.0	4961.3	4829.7	4745.6	5044.2	5503.2
27.5°	5427.0	5368.4	5255.4	5142.3	4997.5	4852.3	4725.2	4598.2	4496.0	4767.7	5280.5
30°	5072.6	5025.0	4931.0	4837.2	4716.8	4596.5	4495.3	4394.5	4314.3	4542.5	5094.4
32.5°	4760.7	4707.8	4617.6	4527.7	4431.5	4335.4	4275.8	4216.0	4180.5	4364.3	4933.8
35°	4468.7	4405.1	4316.0	4227.0	4153.9	4080.5	4064.0	4047.6	4062.4	4215.6	4776.1
37.5°	4196.1	4117.5	4028.6	3939.8	3887.3	3834.7	3852.9	3871.0	3925.0	4059.0	4590.5
40°	3933.2	3842.8	3757.0	3671.2	3633.3	3595.4	3636.5	3677.6	3760.4	3881.9	4368.9
42.5°	3685.6	3587.9	3506.4	3425.1	3394.1	3363.2	3417.7	3472.2	3576.5	3688.5	4124.4
45°	3469.6	3368.5	3291.3	3214.0	3187.7	3161.8	3214.7	3267.8	3368.9	3482.3	3864.7
47.5°	3296.2	3196.4	3120.9	3045.4	3021.1	2996.6	3041.1	3085.6	3172.5	3319.0	3659.2
50°	3154.5	3065.2	2994.0	2922.8	2884.5	2846.3	2885.6	2925.0	3026.1	3218.6	3522.8
52.5°	3056.0	2972.7	2907.6	2842.2	2785.0	2727.5	2766.4	2805.4	2946.7	3168.0	3432.9
55°	2995.2	2922.1	2851.8	2781.3	2700.1	2618.6	2680.1	2741.9	2954.6	3160.5	3367.7
57.5°	2936.6	2864.5	2781.8	2699.1	2611.6	2524.0	2613.9	2703.7	2962.6	3144.1	3290.6
60°	2851.5	2778.2	2683.2	2588.4	2511.7	2434.7	2551.4	2667.9	2937.5	3057.4	3172.5
62.5°	2732.1	2653.7	2543.0	2432.4	2383.6	2334.8	2480.3	2626.0	2876.3	2891.0	2967.3
65°	2577.8	2502.8	2384.0	2265.6	2247.0	2228.1	2383.1	2538.0	2728.7	2726.9	2763.0
67.5°	2401.4	2330.2	2220.7	2111.2	2117.1	2123.0	2251.9	2380.9	2488.1	2493.0	2473.1
70°	2211.1	2149.8	2053.6	1957.3	1977.7	1998.1	2089.9	2181.6	2216.8	2216.8	2123.5
72.5°	1980.9	1925.6	1849.9	1774.1	1803.8	1833.8	1896.7	1959.6	1959.1	1936.8	1804.5
75°	1716.0	1665.8	1609.6	1553.2	1582.1	1610.7	1659.3	1707.5	1716.3	1613.6	1465.1
77.5°	1454.0	1410.9	1365.3	1319.4	1348.5	1377.5	1416.3	1455.2	1459.7	1290.6	1146.5
80°	1165.7	1129.3	1091.5	1053.3	1077.9	1102.2	1134.9	1167.3	1168.0	966.0	844.0
82.5°	773.2	785.9	789.0	792.2	809.5	826.8	842.7	858.5	849.0	676.5	586.6
85°	424.6	459.7	476.3	492.6	511.9	531.3	548.3	565.3	552.8	424.6	358.6
87.5°	200.7	227.4	228.2	228.8	232.5	236.1	242.9	249.7	233.8	180.5	153.4
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: P970825
 CATALOG NUMBER: NAV-SB6C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9	5915.9
2.5°	6056.2	6108.5	6160.7	6212.4	6264.4	6313.2	6362.0
5°	6194.1	6302.1	6410.3	6517.8	6625.4	6733.2	6841.1
7.5°	6317.8	6477.8	6637.8	6802.2	6966.5	7144.4	7322.3
10°	6418.1	6612.7	6806.9	7024.0	7241.2	7466.2	7691.2
12.5°	6472.2	6701.4	6930.6	7176.7	7422.8	7669.9	7917.1
15°	6477.1	6741.1	7005.2	7272.1	7539.1	7796.8	8054.3
17.5°	6413.5	6720.0	7026.5	7317.8	7609.0	7870.3	8131.5
20°	6290.5	6661.9	7033.3	7353.4	7673.5	7945.2	8216.7
22.5°	6138.8	6590.6	7042.4	7401.5	7760.4	8038.0	8315.4
25°	5962.5	6520.2	7078.2	7488.6	7898.9	8170.6	8442.6
27.5°	5793.4	6473.3	7153.2	7624.9	8096.4	8355.9	8615.1
30°	5646.2	6451.2	7255.8	7801.3	8346.8	8597.2	8847.8
32.5°	5503.2	6424.0	7344.3	7985.4	8626.5	8874.3	9122.5
35°	5336.6	6372.7	7409.2	8195.2	8981.0	9218.7	9456.2
37.5°	5121.8	6284.8	7447.9	8430.1	9412.4	9715.3	10018.0
40°	4855.8	6163.8	7472.1	8728.4	9984.4	10425.8	10867.0
42.5°	4560.2	6039.0	7518.2	9118.6	10719.0	11356.1	11993.0
45°	4247.0	5923.0	7599.2	9632.1	11665.0	12524.3	13383.5
47.5°	3999.6	5827.2	7654.9	10179.3	12703.6	13913.1	15122.4
50°	3826.9	5722.8	7618.5	10686.9	13755.1	15578.5	17401.6
52.5°	3698.0	5546.4	7395.0	11016.5	14637.7	17327.8	20017.9
55°	3575.0	5253.9	6933.0	10943.8	14954.4	18878.8	22803.4
57.5°	3436.9	4841.7	6246.2	10432.6	14619.2	19978.0	25336.9
60°	3287.6	4306.4	5325.3	9481.1	13637.1	20252.7	26868.0
62.5°	3043.7	3665.8	4287.8	8194.7	12101.6	19096.1	26090.6
65°	2799.1	3089.5	3379.7	6882.1	10384.7	17459.5	24534.4
67.5°	2452.8	2535.5	2618.0	5596.3	8574.7	15511.9	22449.2
70°	2029.9	2006.5	1983.0	4406.3	6829.7	13386.9	19944.1
72.5°	1672.0	1600.6	1529.6	3368.7	5207.6	11083.2	16958.9
75°	1316.7	1252.2	1187.8	2444.9	3702.1	8442.3	13182.6
77.5°	1002.2	958.2	914.4	1656.7	2399.1	5908.9	9418.7
80°	721.9	703.8	685.6	1067.4	1449.5	3807.0	6164.6
82.5°	496.7	493.0	489.8	656.5	823.6	2203.3	3583.4
85°	292.8	294.7	296.2	351.0	405.9	991.2	1576.6
87.5°	126.7	128.2	129.9	145.5	161.1	324.6	488.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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