

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: P970794

Luminaire Tested: **NAV-SB6C-722-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P970794
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-722-U-SLL
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38316.5 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

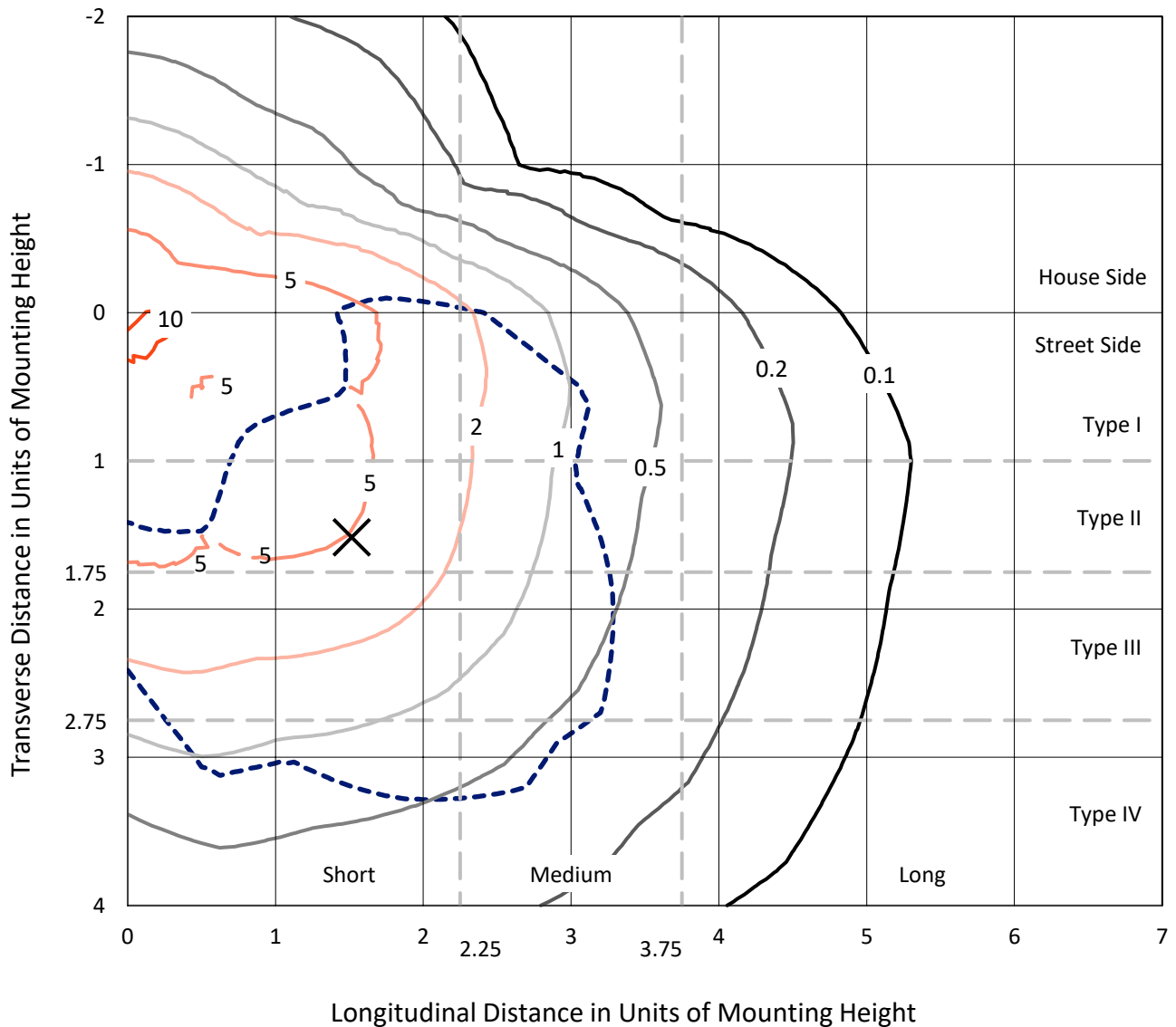
Input Watts (W): 300.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

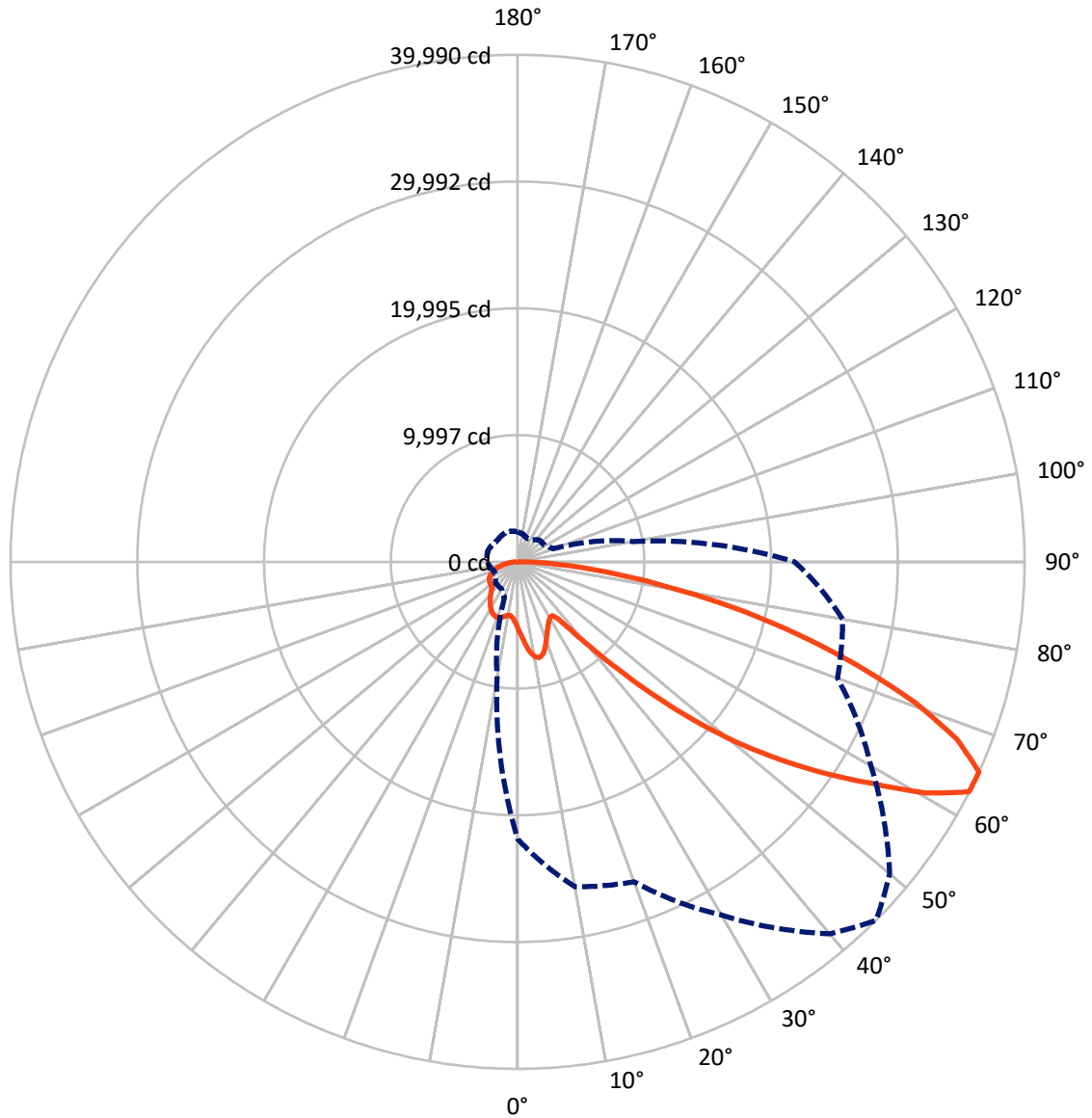
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.7 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	9738.1	0.0	9738.1
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	28578.4	0.0	28578.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	38316.5	0.0	38316.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	522.7	1.4
10°-20°	1640.8	4.3
20°-30°	2534.4	6.6
30°-40°	3211.7	8.4
40°-50°	4844.1	12.6
50°-60°	7826.3	20.4
60°-70°	9756.8	25.5
70°-80°	6398.0	16.7
80°-90°	1581.7	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°	38316.5	100.0
0°-180°	38316.5	100.0

Coefficient of Utilization



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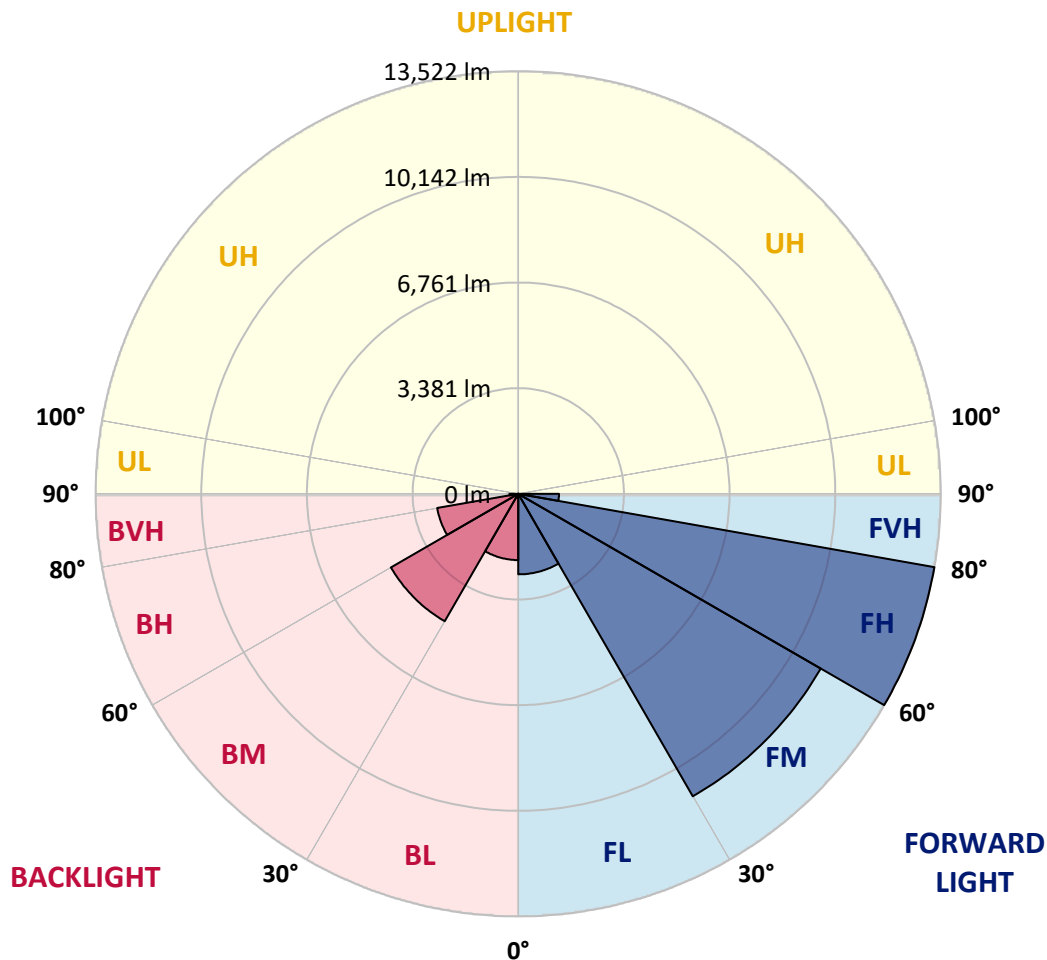
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2577.2	6.7			
FM (30°-60°)	11176.1	29.2			
FH (60°-80°)	13522.1	35.3			G5
FVH (80°-90°)	1303.0	3.4			G5
BL (0°-30°)	2120.6	5.5	B3/2500		
BM (30°-60°)	4706.1	12.3	B3/5000		
BH (60°-80°)	2632.7	6.9	B4/5000		G4/5000
BVH (80°-90°)	278.7	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°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	5666.1	5687.6	5709.2	5739.7	5770.2	5788.5	5806.6	5815.7	5824.9	5820.8	5824.9
5°	6092.7	6167.7	6243.0	6317.4	6392.0	6432.4	6472.9	6497.3	6522.0	6540.6	6522.0
7.5°	6521.4	6643.5	6765.4	6875.2	6985.0	7051.1	7117.2	7153.0	7188.5	7205.7	7188.5
10°	6849.9	6994.3	7138.6	7267.5	7396.2	7474.3	7551.9	7586.6	7621.3	7634.4	7621.3
12.5°	7051.1	7207.6	7363.9	7480.3	7596.4	7653.0	7709.6	7728.6	7747.6	7749.6	7747.6
15°	7173.4	7308.5	7443.3	7516.3	7589.5	7591.6	7593.5	7573.3	7553.1	7529.2	7553.1
17.5°	7242.1	7333.4	7424.5	7425.9	7427.2	7345.3	7263.4	7188.3	7113.2	7060.2	7113.2
20°	7318.0	7349.7	7381.6	7285.6	7189.6	7008.8	6828.0	6696.4	6564.8	6483.9	6564.8
22.5°	7405.9	7364.3	7322.6	7123.6	6924.7	6658.8	6393.0	6228.4	6063.8	5974.5	6063.8
25°	7519.1	7387.7	7256.3	6954.2	6652.1	6329.3	6006.4	5833.4	5660.7	5576.2	5660.7
27.5°	7672.8	7437.8	7202.7	6802.6	6402.7	6044.8	5687.0	5516.8	5346.7	5266.9	5346.7
30°	7880.0	7529.6	7179.5	6687.0	6194.5	5821.6	5448.8	5290.8	5133.0	5058.6	5133.0
32.5°	8124.7	7644.9	7165.4	6608.1	6050.9	5700.5	5350.1	5226.2	5102.0	5048.4	5102.0
35°	8421.9	7834.8	7247.8	6667.1	6086.7	5843.2	5600.0	5571.1	5542.2	5537.8	5542.2
37.5°	8922.3	8231.7	7540.9	7013.3	6485.6	6469.8	6454.0	6586.2	6718.5	6787.2	6718.5
40°	9678.5	8927.3	8176.2	7783.7	7391.4	7668.3	7945.3	8266.8	8588.3	8748.4	8588.3
42.5°	10681.2	9936.0	9190.8	8964.8	8738.7	9342.8	9946.9	10531.7	11116.3	11459.7	11116.3
45°	11919.6	11250.2	10580.6	10480.9	10381.0	11348.9	12316.9	13277.6	14238.7	14821.9	14238.7
47.5°	13468.3	12817.1	12165.7	12145.4	12125.2	13521.5	14917.3	16323.9	17730.3	18556.2	17730.3
50°	15498.2	14693.8	13889.5	13893.0	13896.3	15695.7	17495.2	19351.8	21208.5	22331.0	21208.5
52.5°	17828.3	16854.3	15880.3	15781.9	15683.2	17832.6	19982.1	22279.2	24576.2	25921.7	24576.2
55°	20309.1	19346.8	18384.4	18000.4	17616.5	20008.7	22400.8	25139.3	27877.8	29478.1	27877.8
57.5°	22565.5	22041.5	21517.2	20747.1	19977.1	22392.7	24808.1	27909.9	31011.7	32996.1	31011.7
60°	23929.2	24743.2	25557.4	24601.0	23644.7	25930.7	28216.5	31537.5	34858.5	37003.3	34858.5
62.5°	23236.7	25460.9	27685.1	27577.4	27469.4	29563.5	31657.6	34817.3	37976.8	39959.2	37976.8
65°	21850.7	23938.4	26025.9	26438.8	26851.7	29512.8	32174.2	35238.1	38301.7	39989.6	38301.7
67.5°	19993.8	21979.2	23964.6	24158.3	24351.7	27124.5	29897.0	32974.0	36051.0	37373.2	36051.0
70°	17762.6	19922.2	22081.9	22168.4	22255.1	24734.7	27214.1	29862.0	32509.8	33244.7	32509.8
72.5°	15104.0	17582.1	20060.5	20122.7	20184.8	22124.7	24064.6	26047.9	28030.9	28105.3	28030.9
75°	11740.7	14305.6	16870.5	17100.7	17331.0	18840.3	20349.6	21745.7	23141.7	22767.7	23141.7
77.5°	8388.5	10782.8	13177.2	13506.7	13836.3	14983.7	16131.0	17121.2	18111.4	17468.5	18111.4
80°	5490.2	7504.5	9518.8	9928.4	10337.9	11204.5	12070.6	12590.7	13110.5	12076.3	13110.5
82.5°	3191.4	4568.5	5945.7	6403.3	6861.0	7457.5	8053.9	8270.8	8487.6	7674.8	8487.6
85°	1404.1	2135.1	2865.9	3255.1	3644.3	4134.4	4624.3	4747.4	4870.6	4219.5	4870.6
87.5°	434.7	680.3	926.0	1143.2	1360.3	1605.4	1850.3	1860.9	1871.2	1570.9	1871.2
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°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	5815.7	5806.6	5788.5	5770.2	5739.7	5709.2	5687.6	5666.1	5622.6	5579.2	5533.0
5°	6497.3	6472.9	6432.4	6392.0	6317.4	6243.0	6167.7	6092.7	5996.7	5900.7	5804.9
7.5°	7153.0	7117.2	7051.1	6985.0	6875.2	6765.4	6643.5	6521.4	6362.9	6204.5	6058.2
10°	7586.6	7551.9	7474.3	7396.2	7267.5	7138.6	6994.3	6849.9	6649.6	6449.2	6255.7
12.5°	7728.6	7709.6	7653.0	7596.4	7480.3	7363.9	7207.6	7051.1	6830.9	6610.9	6391.8
15°	7573.3	7593.5	7591.6	7589.5	7516.3	7443.3	7308.5	7173.4	6944.0	6714.5	6476.7
17.5°	7188.3	7263.4	7345.3	7427.2	7425.9	7424.5	7333.4	7242.1	7009.5	6776.7	6517.4
20°	6696.4	6828.0	7008.8	7189.6	7285.6	7381.6	7349.7	7318.0	7076.2	6834.2	6549.0
22.5°	6228.4	6393.0	6658.8	6924.7	7123.6	7322.6	7364.3	7405.9	7158.8	6911.6	6592.0
25°	5833.4	6006.4	6329.3	6652.1	6954.2	7256.3	7387.7	7519.1	7276.9	7034.9	6669.6
27.5°	5516.8	5687.0	6044.8	6402.7	6802.6	7202.7	7437.8	7672.8	7441.9	7210.8	6790.8
30°	5290.8	5448.8	5821.6	6194.5	6687.0	7179.5	7529.6	7880.0	7656.9	7433.8	6948.0
32.5°	5226.2	5350.1	5700.5	6050.9	6608.1	7165.4	7644.9	8124.7	7903.7	7682.9	7112.0
35°	5571.1	5600.0	5843.2	6086.7	6667.1	7247.8	7834.8	8421.9	8210.4	7998.7	7298.7
37.5°	6586.2	6454.0	6469.8	6485.6	7013.3	7540.9	8231.7	8922.3	8652.5	8382.9	7508.0
40°	8266.8	7945.3	7668.3	7391.4	7783.7	8176.2	8927.3	9678.5	9285.4	8892.4	7773.7
42.5°	10531.7	9946.9	9342.8	8738.7	8964.8	9190.8	9936.0	10681.2	10114.0	9546.6	8121.3
45°	13277.6	12316.9	11348.9	10381.0	10480.9	10580.6	11250.2	11919.6	11154.4	10389.1	8578.5
47.5°	16323.9	14917.3	13521.5	12125.2	12145.4	12165.7	12817.1	13468.3	12391.3	11314.1	9065.8
50°	19351.8	17495.2	15695.7	13896.3	13893.0	13889.5	14693.8	15498.2	13874.5	12250.6	9517.9
52.5°	22279.2	19982.1	17832.6	15683.2	15781.9	15880.3	16854.3	17828.3	15432.5	13036.7	9811.5
55°	25139.3	22400.8	20008.7	17616.5	18000.4	18384.4	19346.8	20309.1	16813.8	13318.7	9746.8
57.5°	27909.9	24808.1	22392.7	19977.1	20747.1	21517.2	22041.5	22565.5	17792.8	13020.1	9291.4
60°	31537.5	28216.5	25930.7	23644.7	24601.0	25557.4	24743.2	23929.2	18037.4	12145.4	8444.2
62.5°	34817.3	31657.6	29563.5	27469.4	27577.4	27685.1	25460.9	23236.7	17007.3	10777.9	7298.3
65°	35238.1	32174.2	29512.8	26851.7	26438.8	26025.9	23938.4	21850.7	15549.8	9248.8	6129.3
67.5°	32974.0	29897.0	27124.5	24351.7	24158.3	23964.6	21979.2	19993.8	13815.3	7636.8	4984.2
70°	29862.0	27214.1	24734.7	22255.1	22168.4	22081.9	19922.2	17762.6	11922.7	6082.7	3924.3
72.5°	26047.9	24064.6	22124.7	20184.8	20122.7	20060.5	17582.1	15104.0	9871.0	4638.0	3000.2
75°	21745.7	20349.6	18840.3	17331.0	17100.7	16870.5	14305.6	11740.7	7518.9	3297.2	2177.5
77.5°	17121.2	16131.0	14983.7	13836.3	13506.7	13177.2	10782.8	8388.5	5262.6	2136.6	1475.5
80°	12590.7	12070.6	11204.5	10337.9	9928.4	9518.8	7504.5	5490.2	3390.6	1290.9	950.7
82.5°	8270.8	8053.9	7457.5	6861.0	6403.3	5945.7	4568.5	3191.4	1962.4	733.5	584.7
85°	4747.4	4624.3	4134.4	3644.3	3255.1	2865.9	2135.1	1404.1	882.7	361.5	312.5
87.5°	1860.9	1850.3	1605.4	1360.3	1143.2	926.0	680.3	434.7	289.2	143.5	129.6
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°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	5486.8	5440.3	5393.8	5349.4	5304.9	5261.7	5213.9	5175.0	5136.4	5101.4	5066.7
5°	5709.2	5612.8	5516.5	5426.6	5336.6	5251.7	5167.7	5094.6	5021.2	4959.8	4898.5
7.5°	5911.8	5769.2	5626.7	5501.2	5375.6	5259.8	5151.1	5053.8	4956.5	4875.6	4794.7
10°	6062.5	5889.3	5716.1	5567.7	5418.9	5276.0	5159.2	5056.5	4953.8	4873.0	4792.1
12.5°	6172.7	5968.4	5764.2	5596.2	5428.2	5277.9	5169.4	5085.2	5001.6	4947.8	4894.4
15°	6239.0	6003.8	5768.7	5574.2	5379.6	5213.3	5126.3	5086.0	5046.1	5053.4	5060.6
17.5°	6257.9	5985.0	5712.0	5478.1	5244.2	5048.4	4994.9	5009.7	5024.2	5112.4	5200.5
20°	6264.0	5933.2	5602.4	5312.6	5022.6	4794.7	4780.6	4849.4	4918.1	5071.1	5224.4
22.5°	6272.1	5869.8	5467.3	5118.2	4769.0	4509.7	4537.4	4639.0	4740.7	4915.5	5090.6
25°	6304.1	5807.0	5310.3	4901.2	4492.5	4226.6	4301.4	4418.7	4535.9	4693.1	4850.3
27.5°	6370.8	5765.2	5159.6	4702.9	4246.3	4004.2	4095.2	4208.4	4321.6	4450.9	4579.8
30°	6462.1	5745.6	5028.6	4537.2	4045.7	3842.4	3913.9	4003.6	4093.7	4201.0	4308.1
32.5°	6540.9	5721.3	4901.2	4394.2	3886.9	3723.2	3754.9	3808.1	3861.3	3946.8	4032.6
35°	6598.8	5675.6	4752.9	4253.8	3754.5	3618.0	3604.9	3619.5	3634.2	3699.5	3764.6
37.5°	6633.2	5597.4	4561.7	4088.3	3615.0	3495.8	3447.6	3431.4	3415.3	3462.1	3508.9
40°	6654.8	5489.6	4324.7	3891.0	3457.3	3349.2	3275.4	3238.8	3202.2	3235.9	3269.6
42.5°	6695.8	5378.5	4061.5	3673.2	3285.0	3185.4	3092.3	3043.8	2995.4	3022.8	3050.5
45°	6768.1	5275.2	3782.5	3442.0	3101.4	3000.4	2910.4	2863.1	2816.0	2839.0	2862.5
47.5°	6817.6	5189.8	3562.1	3259.0	2955.9	2825.5	2748.0	2708.5	2668.8	2690.6	2712.3
50°	6785.2	5096.8	3408.3	3137.4	2866.5	2695.0	2605.1	2570.0	2534.9	2569.0	2603.1
52.5°	6586.0	4939.7	3293.5	3057.4	2821.4	2624.3	2498.5	2463.8	2429.2	2480.4	2531.3
55°	6174.6	4679.3	3184.0	2999.4	2814.8	2631.4	2442.0	2386.9	2332.2	2404.8	2477.1
57.5°	5563.0	4312.2	3061.1	2930.6	2800.2	2638.5	2408.0	2327.9	2247.8	2325.9	2403.9
60°	4742.8	3835.3	2928.0	2825.5	2723.0	2616.2	2376.1	2272.3	2168.4	2237.0	2305.2
62.5°	3818.8	3264.8	2710.8	2642.8	2574.8	2561.7	2338.8	2209.1	2079.4	2122.9	2166.3
65°	3010.1	2751.5	2492.9	2460.7	2428.6	2430.3	2260.4	2122.5	1984.4	2001.2	2017.8
67.5°	2331.6	2258.2	2184.6	2202.5	2220.4	2215.9	2120.5	2005.6	1890.8	1885.6	1880.3
70°	1766.1	1787.1	1807.9	1891.2	1974.4	1974.4	1943.0	1861.3	1779.6	1761.4	1743.2
72.5°	1362.3	1425.6	1489.0	1607.1	1725.0	1744.9	1745.3	1689.2	1633.2	1606.6	1580.0
75°	1057.8	1115.2	1172.7	1304.9	1437.2	1528.5	1520.8	1477.7	1434.5	1409.0	1383.3
77.5°	814.4	853.4	892.7	1021.0	1149.4	1300.0	1296.0	1261.4	1226.8	1201.0	1175.1
80°	610.6	626.8	643.0	751.7	860.3	1040.3	1039.7	1010.8	981.6	959.9	938.1
82.5°	436.3	439.1	442.4	522.4	602.5	756.1	764.6	750.5	736.4	721.0	705.6
85°	263.8	262.4	260.9	319.5	378.1	492.3	503.5	488.3	473.1	455.9	438.7
87.5°	115.6	114.2	112.9	136.6	160.7	208.3	222.4	216.4	210.2	207.0	203.8
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: P970794
 CATALOG NUMBER: NAV-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	5036.1	5005.6	4974.8	4944.4	4920.7	4896.8	4877.7	4858.4	4843.4	4828.5	4814.7
5°	4844.3	4790.1	4740.9	4691.6	4653.8	4615.8	4589.3	4562.8	4544.0	4525.3	4510.9
7.5°	4726.6	4658.3	4598.0	4538.0	4492.9	4448.0	4416.4	4385.0	4363.3	4341.9	4328.9
10°	4718.7	4645.1	4577.4	4509.7	4455.9	4401.9	4366.7	4331.1	4310.7	4290.3	4279.4
12.5°	4836.6	4779.2	4709.1	4639.0	4570.3	4501.6	4456.1	4410.6	4387.7	4365.1	4355.8
15°	5045.7	5030.7	4969.8	4908.9	4811.1	4713.3	4644.1	4575.0	4543.2	4511.6	4499.5
17.5°	5247.4	5294.1	5245.0	5196.0	5066.5	4936.9	4834.9	4733.0	4686.2	4639.0	4623.7
20°	5322.4	5420.5	5397.9	5375.0	5226.8	5078.8	4953.8	4829.1	4769.0	4708.8	4689.6
22.5°	5218.1	5345.7	5359.4	5372.9	5231.5	5089.9	4961.3	4832.6	4769.2	4705.8	4684.6
25°	4975.9	5101.4	5148.4	5195.1	5079.0	4963.2	4848.8	4734.7	4679.7	4624.9	4604.9
27.5°	4680.5	4781.2	4833.4	4885.8	4803.0	4720.5	4631.8	4543.0	4506.2	4469.2	4460.1
30°	4391.6	4475.3	4517.8	4560.2	4497.3	4434.3	4370.8	4306.8	4288.1	4269.0	4269.0
32.5°	4112.6	4192.9	4239.9	4287.3	4229.5	4171.4	4120.7	4070.0	4057.6	4045.3	4046.9
35°	3843.9	3923.3	3980.0	4036.6	3995.3	3954.2	3907.4	3860.7	3841.9	3823.2	3819.3
37.5°	3587.9	3667.1	3737.2	3807.1	3788.1	3769.0	3726.0	3682.7	3648.6	3614.6	3596.6
40°	3346.1	3422.6	3503.0	3583.7	3588.3	3592.7	3556.1	3519.5	3469.8	3420.5	3386.9
42.5°	3122.9	3195.4	3282.5	3369.4	3392.6	3415.8	3385.0	3354.2	3292.5	3230.9	3182.1
45°	2931.2	3000.0	3090.2	3180.3	3213.7	3247.0	3219.1	3191.4	3120.9	3050.5	2993.3
47.5°	2779.6	2846.7	2935.7	3024.7	3063.0	3101.4	3082.1	3062.6	3000.0	2937.3	2884.4
50°	2666.5	2729.9	2809.5	2889.2	2938.5	2987.9	2986.6	2985.8	2935.7	2885.6	2836.6
52.5°	2589.6	2647.6	2721.8	2796.2	2854.6	2913.0	2923.5	2934.1	2893.3	2852.4	2808.5
55°	2539.8	2602.5	2667.6	2732.4	2794.4	2856.5	2871.0	2885.6	2849.9	2814.3	2775.9
57.5°	2477.5	2551.1	2615.4	2680.0	2742.4	2804.7	2819.5	2834.2	2798.1	2762.2	2724.2
60°	2389.8	2474.4	2539.6	2605.1	2667.8	2730.5	2746.6	2762.8	2727.6	2692.7	2653.4
62.5°	2264.8	2363.5	2433.2	2503.0	2560.4	2617.8	2633.4	2649.0	2617.2	2585.5	2544.3
65°	2123.3	2229.1	2295.8	2362.5	2413.1	2463.6	2479.6	2495.4	2464.8	2434.3	2394.2
67.5°	1977.7	2075.4	2138.7	2201.8	2245.5	2289.1	2304.7	2320.0	2291.9	2264.0	2226.8
70°	1828.9	1914.7	1969.2	2023.9	2063.2	2102.7	2117.6	2132.6	2109.8	2086.9	2051.3
72.5°	1647.6	1714.9	1764.2	1813.5	1852.2	1890.8	1908.5	1926.4	1907.4	1888.4	1854.4
75°	1433.5	1483.6	1528.3	1573.0	1608.1	1643.4	1661.9	1680.5	1671.3	1661.9	1633.4
77.5°	1216.0	1256.5	1295.0	1333.4	1370.4	1407.2	1424.5	1442.0	1429.1	1415.6	1386.9
80°	972.1	1005.8	1038.2	1070.5	1098.7	1126.6	1149.6	1172.7	1167.0	1161.5	1122.9
82.5°	702.7	700.0	688.6	677.3	737.2	797.0	836.2	875.5	873.0	870.4	837.8
85°	424.1	409.4	378.1	346.8	402.7	459.0	507.5	556.0	552.0	547.9	522.4
87.5°	203.2	202.5	178.8	154.7	178.1	201.8	221.4	241.0	236.2	230.9	217.9
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: P970794
 CATALOG NUMBER: NAV-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	4800.8	4783.6	4800.8	4814.7	4828.5	4843.4	4858.4	4877.7	4896.8	4920.7	4944.4
5°	4496.6	4482.3	4496.6	4510.9	4525.3	4544.0	4562.8	4589.3	4615.8	4653.8	4691.6
7.5°	4316.2	4306.4	4316.2	4328.9	4341.9	4363.3	4385.0	4416.4	4448.0	4492.9	4538.0
10°	4268.5	4264.0	4268.5	4279.4	4290.3	4310.7	4331.1	4366.7	4401.9	4455.9	4509.7
12.5°	4346.5	4344.9	4346.5	4355.8	4365.1	4387.7	4410.6	4456.1	4501.6	4570.3	4639.0
15°	4487.4	4486.4	4487.4	4499.5	4511.6	4543.2	4575.0	4644.1	4713.3	4811.1	4908.9
17.5°	4608.1	4605.7	4608.1	4623.7	4639.0	4686.2	4733.0	4834.9	4936.9	5066.5	5196.0
20°	4670.4	4664.4	4670.4	4689.6	4708.8	4769.0	4829.1	4953.8	5078.8	5226.8	5375.0
22.5°	4663.3	4654.2	4663.3	4684.6	4705.8	4769.2	4832.6	4961.3	5089.9	5231.5	5372.9
25°	4585.0	4573.3	4585.0	4604.9	4624.9	4679.7	4734.7	4848.8	4963.2	5079.0	5195.1
27.5°	4451.1	4448.0	4451.1	4460.1	4469.2	4506.2	4543.0	4631.8	4720.5	4803.0	4885.8
30°	4269.0	4272.1	4269.0	4269.0	4269.0	4288.1	4306.8	4370.8	4434.3	4497.3	4560.2
32.5°	4048.6	4051.7	4048.6	4046.9	4045.3	4057.6	4070.0	4120.7	4171.4	4229.5	4287.3
35°	3815.2	3813.1	3815.2	3819.3	3823.2	3841.9	3860.7	3907.4	3954.2	3995.3	4036.6
37.5°	3578.6	3568.5	3578.6	3596.6	3614.6	3648.6	3682.7	3726.0	3769.0	3788.1	3807.1
40°	3353.8	3334.0	3353.8	3386.9	3420.5	3469.8	3519.5	3556.1	3592.7	3588.3	3583.7
42.5°	3133.4	3101.4	3133.4	3182.1	3230.9	3292.5	3354.2	3385.0	3415.8	3392.6	3369.4
45°	2936.1	2899.3	2936.1	2993.3	3050.5	3120.9	3191.4	3219.1	3247.0	3213.7	3180.3
47.5°	2831.6	2796.2	2831.6	2884.4	2937.3	3000.0	3062.6	3082.1	3101.4	3063.0	3024.7
50°	2787.7	2753.8	2787.7	2836.6	2885.6	2935.7	2985.8	2986.6	2987.9	2938.5	2889.2
52.5°	2764.8	2733.5	2764.8	2808.5	2852.4	2893.3	2934.1	2923.5	2913.0	2854.6	2796.2
55°	2737.6	2709.3	2737.6	2775.9	2814.3	2849.9	2885.6	2871.0	2856.5	2794.4	2732.4
57.5°	2686.0	2656.7	2686.0	2724.2	2762.2	2798.1	2834.2	2819.5	2804.7	2742.4	2680.0
60°	2614.2	2583.9	2614.2	2653.4	2692.7	2727.6	2762.8	2746.6	2730.5	2667.8	2605.1
62.5°	2503.0	2466.7	2503.0	2544.3	2585.5	2617.2	2649.0	2633.4	2617.8	2560.4	2503.0
65°	2354.4	2323.1	2354.4	2394.2	2434.3	2464.8	2495.4	2479.6	2463.6	2413.1	2362.5
67.5°	2189.6	2161.3	2189.6	2226.8	2264.0	2291.9	2320.0	2304.7	2289.1	2245.5	2201.8
70°	2015.8	1983.4	2015.8	2051.3	2086.9	2109.8	2132.6	2117.6	2102.7	2063.2	2023.9
72.5°	1820.6	1789.3	1820.6	1854.4	1888.4	1907.4	1926.4	1908.5	1890.8	1852.2	1813.5
75°	1604.9	1575.0	1604.9	1633.4	1661.9	1671.3	1680.5	1661.9	1643.4	1608.1	1573.0
77.5°	1358.2	1334.4	1358.2	1386.9	1415.6	1429.1	1442.0	1424.5	1407.2	1370.4	1333.4
80°	1084.1	1039.2	1084.1	1122.9	1161.5	1167.0	1172.7	1149.6	1126.6	1098.7	1070.5
82.5°	805.1	776.3	805.1	837.8	870.4	873.0	875.5	836.2	797.0	737.2	677.3
85°	496.9	471.1	496.9	522.4	547.9	552.0	556.0	507.5	459.0	402.7	346.8
87.5°	204.6	192.1	204.6	217.9	230.9	236.2	241.0	221.4	201.8	178.1	154.7
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: P970794
 CATALOG NUMBER: NAV-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	4974.8	5005.6	5036.1	5066.7	5101.4	5136.4	5175.0	5213.9	5261.7	5304.9	5349.4
5°	4740.9	4790.1	4844.3	4898.5	4959.8	5021.2	5094.6	5167.7	5251.7	5336.6	5426.6
7.5°	4598.0	4658.3	4726.6	4794.7	4875.6	4956.5	5053.8	5151.1	5259.8	5375.6	5501.2
10°	4577.4	4645.1	4718.7	4792.1	4873.0	4953.8	5056.5	5159.2	5276.0	5418.9	5567.7
12.5°	4709.1	4779.2	4836.6	4894.4	4947.8	5001.6	5085.2	5169.4	5277.9	5428.2	5596.2
15°	4969.8	5030.7	5045.7	5060.6	5053.4	5046.1	5086.0	5126.3	5213.3	5379.6	5574.2
17.5°	5245.0	5294.1	5247.4	5200.5	5112.4	5024.2	5009.7	4994.9	5048.4	5244.2	5478.1
20°	5397.9	5420.5	5322.4	5224.4	5071.1	4918.1	4849.4	4780.6	4794.7	5022.6	5312.6
22.5°	5359.4	5345.7	5218.1	5090.6	4915.5	4740.7	4639.0	4537.4	4509.7	4769.0	5118.2
25°	5148.4	5101.4	4975.9	4850.3	4693.1	4535.9	4418.7	4301.4	4226.6	4492.5	4901.2
27.5°	4833.4	4781.2	4680.5	4579.8	4450.9	4321.6	4208.4	4095.2	4004.2	4246.3	4702.9
30°	4517.8	4475.3	4391.6	4308.1	4201.0	4093.7	4003.6	3913.9	3842.4	4045.7	4537.2
32.5°	4239.9	4192.9	4112.6	4032.6	3946.8	3861.3	3808.1	3754.9	3723.2	3886.9	4394.2
35°	3980.0	3923.3	3843.9	3764.6	3699.5	3634.2	3619.5	3604.9	3618.0	3754.5	4253.8
37.5°	3737.2	3667.1	3587.9	3508.9	3462.1	3415.3	3431.4	3447.6	3495.8	3615.0	4088.3
40°	3503.0	3422.6	3346.1	3269.6	3235.9	3202.2	3238.8	3275.4	3349.2	3457.3	3891.0
42.5°	3282.5	3195.4	3122.9	3050.5	3022.8	2995.4	3043.8	3092.3	3185.4	3285.0	3673.2
45°	3090.2	3000.0	2931.2	2862.5	2839.0	2816.0	2863.1	2910.4	3000.4	3101.4	3442.0
47.5°	2935.7	2846.7	2779.6	2712.3	2690.6	2668.8	2708.5	2748.0	2825.5	2955.9	3259.0
50°	2809.5	2729.9	2666.5	2603.1	2569.0	2534.9	2570.0	2605.1	2695.0	2866.5	3137.4
52.5°	2721.8	2647.6	2589.6	2531.3	2480.4	2429.2	2463.8	2498.5	2624.3	2821.4	3057.4
55°	2667.6	2602.5	2539.8	2477.1	2404.8	2332.2	2386.9	2442.0	2631.4	2814.8	2999.4
57.5°	2615.4	2551.1	2477.5	2403.9	2325.9	2247.8	2327.9	2408.0	2638.5	2800.2	2930.6
60°	2539.6	2474.4	2389.8	2305.2	2237.0	2168.4	2272.3	2376.1	2616.2	2723.0	2825.5
62.5°	2433.2	2363.5	2264.8	2166.3	2122.9	2079.4	2209.1	2338.8	2561.7	2574.8	2642.8
65°	2295.8	2229.1	2123.3	2017.8	2001.2	1984.4	2122.5	2260.4	2430.3	2428.6	2460.7
67.5°	2138.7	2075.4	1977.7	1880.3	1885.6	1890.8	2005.6	2120.5	2215.9	2220.4	2202.5
70°	1969.2	1914.7	1828.9	1743.2	1761.4	1779.6	1861.3	1943.0	1974.4	1974.4	1891.2
72.5°	1764.2	1714.9	1647.6	1580.0	1606.6	1633.2	1689.2	1745.3	1744.9	1725.0	1607.1
75°	1528.3	1483.6	1433.5	1383.3	1409.0	1434.5	1477.7	1520.8	1528.5	1437.2	1304.9
77.5°	1295.0	1256.5	1216.0	1175.1	1201.0	1226.8	1261.4	1296.0	1300.0	1149.4	1021.0
80°	1038.2	1005.8	972.1	938.1	959.9	981.6	1010.8	1039.7	1040.3	860.3	751.7
82.5°	688.6	700.0	702.7	705.6	721.0	736.4	750.5	764.6	756.1	602.5	522.4
85°	378.1	409.4	424.1	438.7	455.9	473.1	488.3	503.5	492.3	378.1	319.5
87.5°	178.8	202.5	203.2	203.8	207.0	210.2	216.4	222.4	208.3	160.7	136.6
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: P970794
 CATALOG NUMBER: NAV-SB6C-722-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8	5268.8
2.5°	5393.8	5440.3	5486.8	5533.0	5579.2	5622.6	5666.1
5°	5516.5	5612.8	5709.2	5804.9	5900.7	5996.7	6092.7
7.5°	5626.7	5769.2	5911.8	6058.2	6204.5	6362.9	6521.4
10°	5716.1	5889.3	6062.5	6255.7	6449.2	6649.6	6849.9
12.5°	5764.2	5968.4	6172.7	6391.8	6610.9	6830.9	7051.1
15°	5768.7	6003.8	6239.0	6476.7	6714.5	6944.0	7173.4
17.5°	5712.0	5985.0	6257.9	6517.4	6776.7	7009.5	7242.1
20°	5602.4	5933.2	6264.0	6549.0	6834.2	7076.2	7318.0
22.5°	5467.3	5869.8	6272.1	6592.0	6911.6	7158.8	7405.9
25°	5310.3	5807.0	6304.1	6669.6	7034.9	7276.9	7519.1
27.5°	5159.6	5765.2	6370.8	6790.8	7210.8	7441.9	7672.8
30°	5028.6	5745.6	6462.1	6948.0	7433.8	7656.9	7880.0
32.5°	4901.2	5721.3	6540.9	7112.0	7682.9	7903.7	8124.7
35°	4752.9	5675.6	6598.8	7298.7	7998.7	8210.4	8421.9
37.5°	4561.7	5597.4	6633.2	7508.0	8382.9	8652.5	8922.3
40°	4324.7	5489.6	6654.8	7773.7	8892.4	9285.4	9678.5
42.5°	4061.5	5378.5	6695.8	8121.3	9546.6	10114.0	10681.2
45°	3782.5	5275.2	6768.1	8578.5	10389.1	11154.4	11919.6
47.5°	3562.1	5189.8	6817.6	9065.8	11314.1	12391.3	13468.3
50°	3408.3	5096.8	6785.2	9517.9	12250.6	13874.5	15498.2
52.5°	3293.5	4939.7	6586.0	9811.5	13036.7	15432.5	17828.3
55°	3184.0	4679.3	6174.6	9746.8	13318.7	16813.8	20309.1
57.5°	3061.1	4312.2	5563.0	9291.4	13020.1	17792.8	22565.5
60°	2928.0	3835.3	4742.8	8444.2	12145.4	18037.4	23929.2
62.5°	2710.8	3264.8	3818.8	7298.3	10777.9	17007.3	23236.7
65°	2492.9	2751.5	3010.1	6129.3	9248.8	15549.8	21850.7
67.5°	2184.6	2258.2	2331.6	4984.2	7636.8	13815.3	19993.8
70°	1807.9	1787.1	1766.1	3924.3	6082.7	11922.7	17762.6
72.5°	1489.0	1425.6	1362.3	3000.2	4638.0	9871.0	15104.0
75°	1172.7	1115.2	1057.8	2177.5	3297.2	7518.9	11740.7
77.5°	892.7	853.4	814.4	1475.5	2136.6	5262.6	8388.5
80°	643.0	626.8	610.6	950.7	1290.9	3390.6	5490.2
82.5°	442.4	439.1	436.3	584.7	733.5	1962.4	3191.4
85°	260.9	262.4	263.8	312.5	361.5	882.7	1404.1
87.5°	112.9	114.2	115.6	129.6	143.5	289.2	434.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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