

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: P969742

Luminaire Tested: **NAV-SB6A-722-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P969742
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-SB6A-722-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2200K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22950.8 lumens
Efficiency: N/A
Efficacy: 134.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

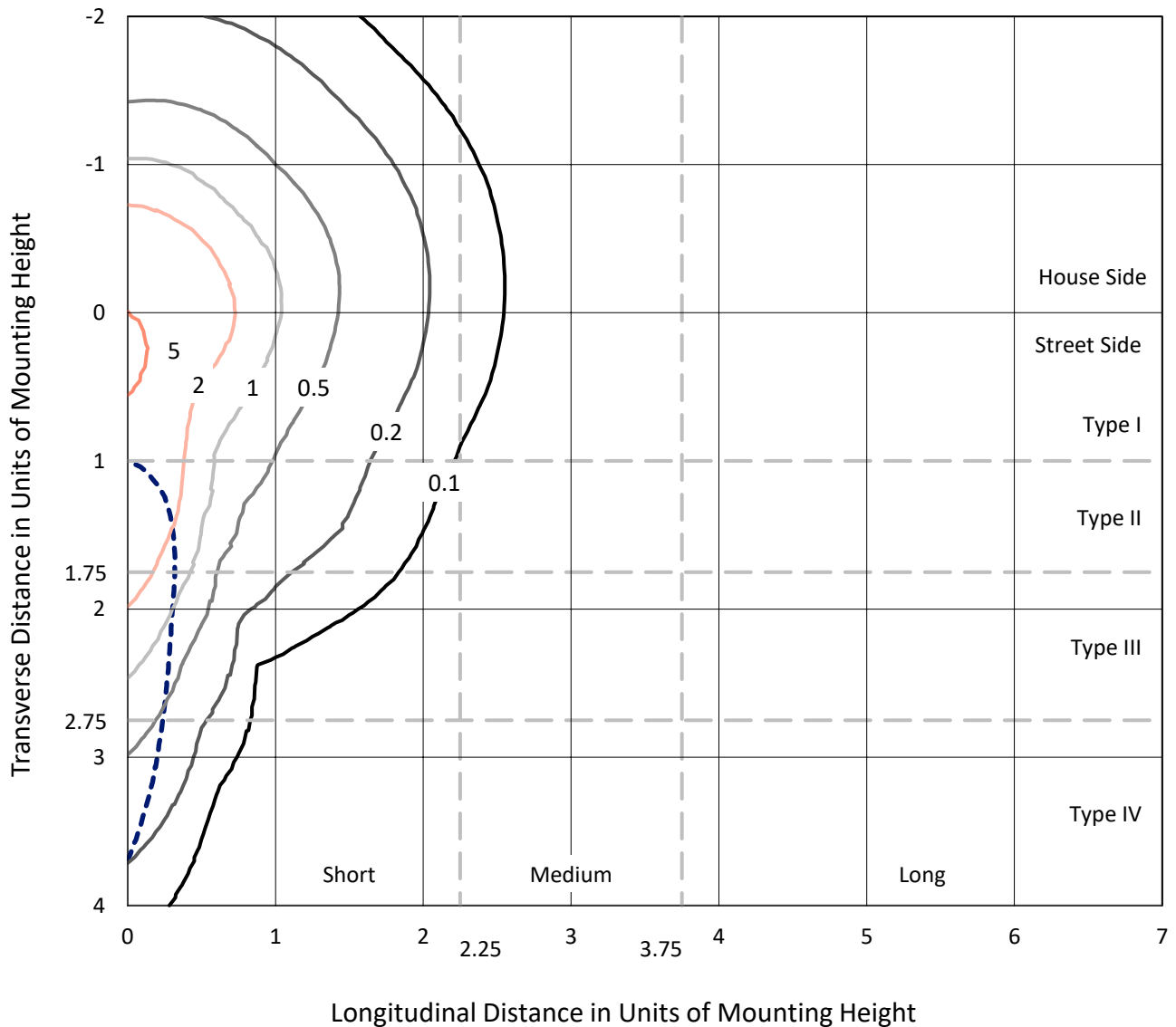
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

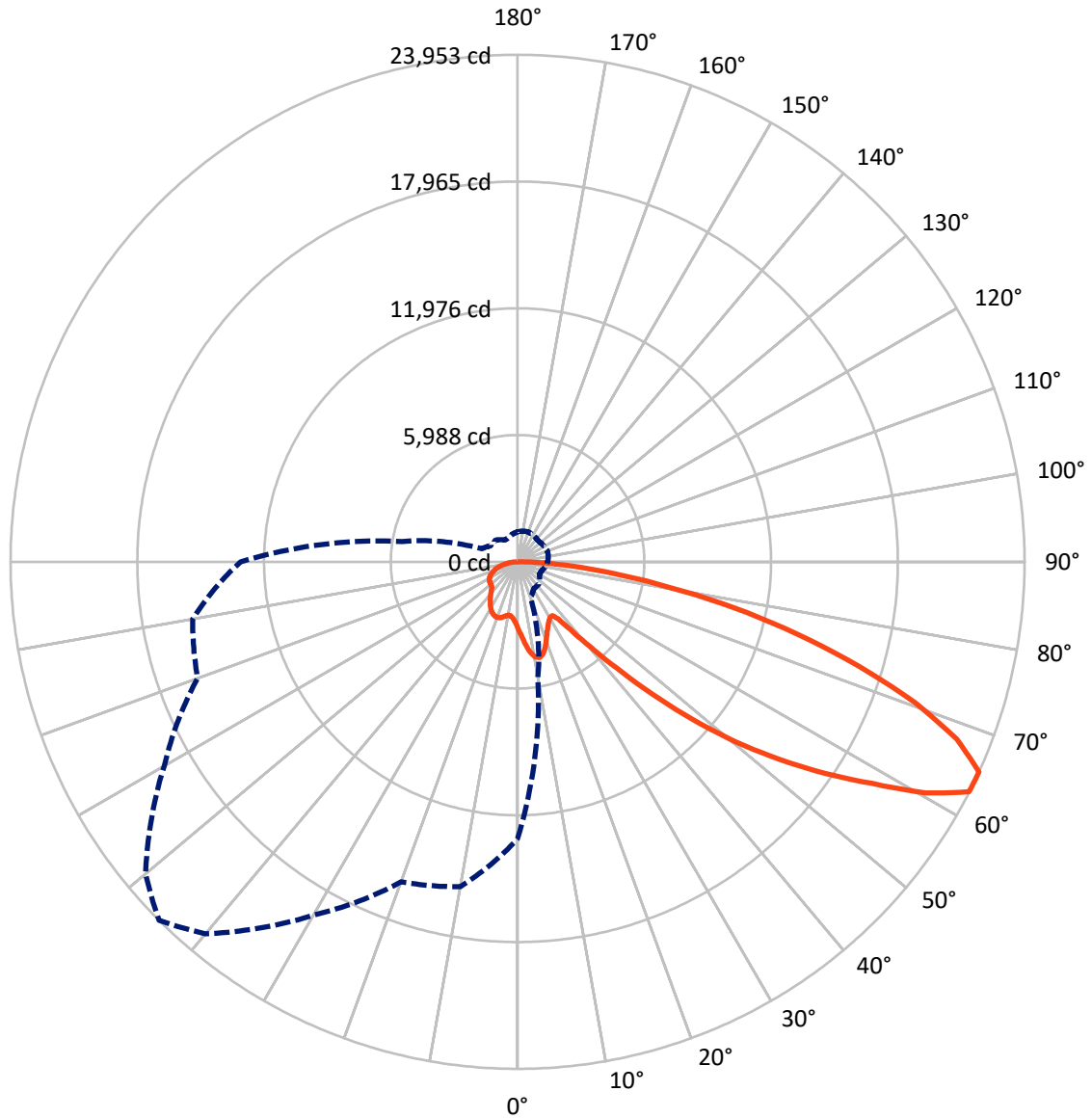
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5832.9	0.0	5832.9
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	17117.8	0.0	17117.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	22950.8	0.0	22950.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	313.1	1.4
10°-20°	982.8	4.3
20°-30°	1518.1	6.6
30°-40°	1923.8	8.4
40°-50°	2901.5	12.6
50°-60°	4687.8	20.4
60°-70°	5844.1	25.5
70°-80°	3832.3	16.7
80°-90°	947.4	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°	22950.8	100.0
0°-180°	22950.8	100.0

Coefficient of Utilization

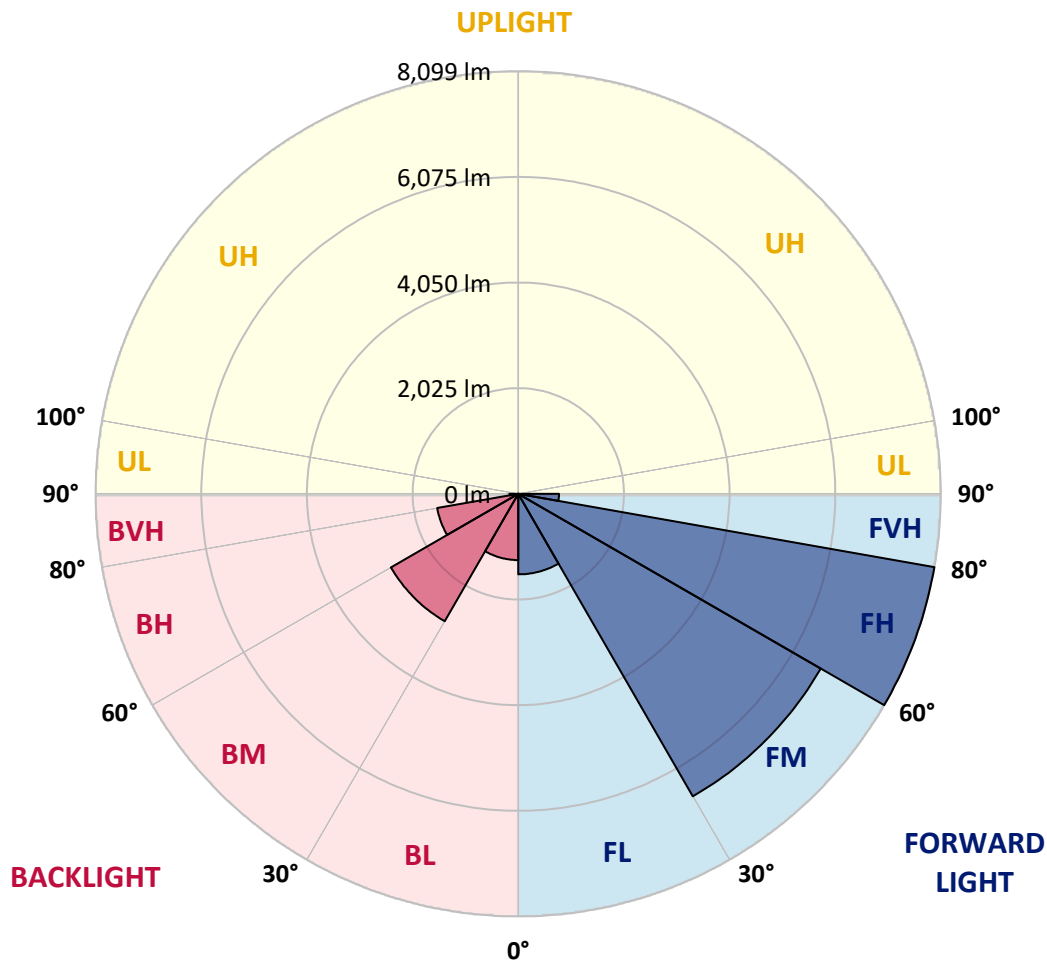


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1543.7	6.7			
FM (30°-60°)	6694.2	29.2			
FH (60°-80°)	8099.4	35.3			G4/12000
FVH (80°-90°)	780.5	3.4			G5
BL (0°-30°)	1270.2	5.5	B3/2500		
BM (30°-60°)	2818.8	12.3	B3/5000		
BH (60°-80°)	1577.0	6.9	B3/2500		G3/2500
BVH (80°-90°)	167.0	0.7			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
 Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	3393.9	3367.8	3341.8	3314.1	3286.5	3258.6	3230.8	3204.1	3177.5	3151.7	3123.0
5°	3649.4	3591.9	3534.4	3477.0	3419.7	3361.9	3304.3	3250.4	3196.5	3145.6	3095.4
7.5°	3906.2	3811.3	3716.3	3628.7	3541.1	3455.7	3370.3	3295.1	3219.8	3150.4	3085.5
10°	4103.0	3982.9	3862.9	3747.0	3631.3	3527.6	3423.8	3334.9	3245.8	3160.2	3090.3
12.5°	4223.4	4091.6	3959.8	3828.6	3697.3	3574.9	3452.6	3352.0	3251.4	3161.4	3096.3
15°	4296.7	4159.2	4021.8	3879.4	3736.9	3596.1	3455.3	3338.8	3222.3	3122.7	3070.6
17.5°	4337.9	4198.5	4059.1	3903.7	3748.3	3584.8	3421.3	3281.2	3141.1	3024.0	2991.9
20°	4383.3	4238.5	4093.5	3922.8	3752.0	3553.9	3355.7	3182.1	3008.5	2871.9	2863.4
22.5°	4436.0	4288.0	4139.9	3948.4	3756.8	3515.9	3274.9	3065.7	2856.6	2701.2	2717.8
25°	4503.8	4358.7	4213.8	3994.9	3776.0	3478.3	3180.8	2935.8	2690.9	2531.6	2576.4
27.5°	4595.8	4457.5	4319.1	4067.6	3816.0	3453.2	3090.6	2817.0	2543.4	2398.4	2452.9
30°	4719.9	4586.3	4452.7	4161.7	3870.7	3441.4	3012.1	2717.7	2423.3	2301.5	2344.3
32.5°	4866.5	4734.2	4601.9	4259.9	3917.9	3427.0	2935.8	2632.0	2328.2	2230.1	2249.2
35°	5044.5	4917.8	4791.1	4371.8	3952.5	3399.6	2846.8	2547.8	2248.8	2167.2	2159.3
37.5°	5344.2	5182.7	5021.2	4497.2	3973.1	3352.7	2732.3	2448.8	2165.3	2093.9	2065.1
40°	5797.2	5561.8	5326.3	4656.3	3986.1	3288.2	2590.4	2330.6	2070.8	2006.0	1961.8
42.5°	6397.8	6058.1	5718.2	4864.4	4010.6	3221.6	2432.7	2200.2	1967.7	1907.9	1852.3
45°	7139.6	6681.3	6222.9	5138.3	4053.9	3159.7	2265.6	2061.7	1857.7	1797.1	1743.3
47.5°	8067.3	7422.1	6776.9	5430.2	4083.6	3108.6	2133.5	1952.0	1770.5	1692.4	1646.0
50°	9283.1	8310.5	7337.9	5701.0	4064.2	3052.9	2041.6	1879.2	1717.0	1614.3	1560.4
52.5°	10678.9	9243.8	7808.7	5876.8	3944.9	2958.8	1972.7	1831.3	1690.0	1571.9	1496.6
55°	12164.7	10071.1	7977.6	5838.1	3698.5	2802.8	1907.1	1796.5	1686.0	1576.1	1462.7
57.5°	13516.3	10657.5	7798.7	5565.3	3332.2	2582.9	1833.5	1755.4	1677.3	1580.3	1442.4
60°	14333.1	10804.0	7274.8	5057.9	2840.8	2297.3	1753.8	1692.4	1631.0	1567.0	1423.2
62.5°	13918.3	10187.1	6455.8	4371.5	2287.4	1955.6	1623.7	1582.9	1542.2	1534.3	1400.9
65°	13088.1	9314.0	5539.8	3671.3	1803.0	1648.1	1493.2	1473.9	1454.7	1455.6	1353.9
67.5°	11975.8	8275.0	4574.3	2985.4	1396.6	1352.6	1308.5	1319.3	1329.9	1327.3	1270.1
70°	10639.5	7141.4	3643.4	2350.6	1057.8	1070.4	1082.9	1132.8	1182.5	1182.5	1163.8
72.5°	9047.0	5912.5	2778.1	1797.0	816.0	853.9	892.0	962.7	1033.2	1045.1	1045.4
75°	7032.4	4503.6	1975.0	1304.3	633.7	668.0	702.4	781.6	860.8	915.5	910.9
77.5°	5024.5	3152.2	1279.8	883.8	487.8	511.2	534.6	611.6	688.5	778.7	776.2
80°	3288.5	2030.9	773.3	569.4	365.7	375.5	385.1	450.3	515.3	623.1	622.7
82.5°	1911.6	1175.5	439.3	350.2	261.4	263.0	265.0	312.9	360.9	452.9	458.0
85°	841.0	528.7	216.5	187.3	158.1	157.2	156.2	191.4	226.4	294.9	301.6
87.5°	260.3	173.2	86.0	77.6	69.3	68.5	67.5	81.9	96.2	124.7	133.2
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°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	3099.7	3076.6	3055.6	3034.8	3016.6	2998.2	2979.9	2961.5	2947.4	2933.1	2921.6
5°	3051.5	3007.6	2970.8	2934.1	2901.6	2869.2	2839.8	2810.1	2787.5	2764.7	2748.9
7.5°	3027.0	2968.8	2920.4	2871.9	2831.2	2790.2	2754.1	2718.1	2691.1	2664.3	2645.3
10°	3028.8	2967.3	2918.8	2870.4	2826.4	2782.4	2741.8	2701.2	2669.0	2636.6	2615.6
12.5°	3046.0	2995.9	2963.6	2931.6	2897.1	2862.6	2820.6	2778.7	2737.6	2696.4	2669.1
15°	3046.4	3022.5	3026.8	3031.2	3022.2	3013.3	2976.8	2940.4	2881.8	2823.2	2781.7
17.5°	3000.7	3009.4	3062.2	3115.0	3143.1	3171.0	3141.6	3112.3	3034.7	2957.1	2896.0
20°	2904.6	2945.8	3037.5	3129.3	3188.1	3246.8	3233.2	3219.5	3130.8	3042.1	2967.3
22.5°	2778.7	2839.7	2944.2	3049.1	3125.5	3202.0	3210.2	3218.3	3133.5	3048.8	2971.8
25°	2646.7	2717.0	2811.1	2905.3	2980.5	3055.6	3083.7	3111.7	3042.2	2972.8	2904.2
27.5°	2520.8	2588.5	2665.9	2743.2	2803.5	2863.8	2895.1	2926.5	2876.9	2827.5	2774.4
30°	2398.1	2452.1	2516.3	2580.4	2630.5	2680.6	2706.0	2731.4	2693.8	2656.0	2618.0
32.5°	2280.9	2312.8	2364.1	2415.4	2463.4	2511.5	2539.6	2567.9	2533.4	2498.5	2468.2
35°	2168.0	2176.8	2215.9	2254.9	2302.4	2350.0	2383.9	2417.8	2393.1	2368.6	2340.4
37.5°	2055.3	2045.7	2073.8	2101.8	2149.1	2196.6	2238.5	2280.3	2268.9	2257.6	2231.8
40°	1939.9	1918.0	1938.3	1958.5	2004.3	2050.0	2098.2	2146.6	2149.3	2152.0	2130.1
42.5°	1823.2	1794.2	1810.6	1827.2	1870.5	1914.0	1966.1	2018.1	2032.1	2046.0	2027.4
45°	1714.9	1686.7	1700.5	1714.5	1755.7	1796.9	1850.9	1905.0	1925.0	1944.9	1928.2
47.5°	1622.3	1598.6	1611.6	1624.6	1664.9	1705.1	1758.4	1811.7	1834.7	1857.7	1846.1
50°	1539.3	1518.3	1538.7	1559.2	1597.3	1635.1	1682.8	1730.5	1760.1	1789.6	1788.9
52.5°	1475.8	1455.1	1485.6	1516.2	1551.0	1585.9	1630.3	1674.8	1709.8	1744.9	1751.1
55°	1429.8	1396.9	1440.4	1483.8	1521.3	1558.8	1597.9	1636.7	1673.7	1710.9	1719.6
57.5°	1394.4	1346.4	1393.2	1439.9	1484.0	1528.1	1566.6	1605.3	1642.7	1680.0	1688.8
60°	1361.1	1298.8	1339.9	1380.8	1431.4	1482.0	1521.2	1560.4	1598.0	1635.5	1645.2
62.5°	1323.2	1245.6	1271.6	1297.6	1356.6	1415.7	1457.4	1499.3	1533.6	1568.0	1577.4
65°	1271.3	1188.6	1198.6	1208.6	1271.8	1335.2	1375.1	1415.1	1445.4	1475.6	1485.2
67.5°	1201.3	1132.5	1129.4	1126.3	1184.6	1243.1	1281.0	1318.8	1345.0	1371.1	1380.5
70°	1114.9	1065.9	1055.0	1044.2	1095.5	1146.9	1179.6	1212.3	1235.8	1259.4	1268.4
72.5°	1011.8	978.3	962.3	946.4	986.9	1027.2	1056.8	1086.3	1109.5	1132.5	1143.2
75°	885.1	859.3	844.0	828.6	858.6	888.7	915.4	942.2	963.3	984.3	995.5
77.5°	755.5	734.8	719.3	703.9	728.3	752.7	775.6	798.7	820.8	842.9	853.3
80°	605.4	587.9	575.0	561.9	582.3	602.5	621.9	641.2	658.0	674.8	688.6
82.5°	449.6	441.1	431.8	422.6	421.0	419.2	412.5	405.7	441.6	477.3	500.9
85°	292.4	283.4	273.1	262.8	254.1	245.3	226.4	207.7	241.3	274.9	304.0
87.5°	129.6	126.0	124.0	122.1	121.7	121.4	107.0	92.7	106.7	120.8	132.6
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°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	2910.1	2901.2	2892.1	2883.9	2875.5	2865.3	2875.5	2883.9	2892.1	2901.2	2910.1
5°	2733.1	2721.8	2710.5	2701.9	2693.3	2684.9	2693.3	2701.9	2710.5	2721.8	2733.1
7.5°	2626.5	2613.5	2600.6	2592.9	2585.3	2579.5	2585.3	2592.9	2600.6	2613.5	2626.5
10°	2594.3	2582.0	2569.8	2563.2	2556.8	2554.1	2556.8	2563.2	2569.8	2582.0	2594.3
12.5°	2641.8	2628.2	2614.6	2609.0	2603.5	2602.5	2603.5	2609.0	2614.6	2628.2	2641.8
15°	2740.3	2721.3	2702.4	2695.1	2687.9	2687.2	2687.9	2695.1	2702.4	2721.3	2740.3
17.5°	2835.0	2807.0	2778.7	2769.4	2760.1	2758.7	2760.1	2769.4	2778.7	2807.0	2835.0
20°	2892.5	2856.6	2820.5	2809.0	2797.4	2793.8	2797.4	2809.0	2820.5	2856.6	2892.5
22.5°	2894.6	2856.7	2818.6	2805.9	2793.2	2787.8	2793.2	2805.9	2818.6	2856.7	2894.6
25°	2836.0	2803.1	2770.3	2758.3	2746.4	2739.3	2746.4	2758.3	2770.3	2803.1	2836.0
27.5°	2721.2	2699.1	2677.0	2671.6	2666.0	2664.3	2666.0	2671.6	2677.0	2699.1	2721.2
30°	2579.7	2568.4	2557.1	2557.1	2557.1	2558.9	2557.1	2557.1	2557.1	2568.4	2579.7
32.5°	2437.8	2430.4	2423.0	2424.0	2425.0	2426.9	2425.0	2424.0	2423.0	2430.4	2437.8
35°	2312.4	2301.2	2290.1	2287.6	2285.2	2284.0	2285.2	2287.6	2290.1	2301.2	2312.4
37.5°	2205.9	2185.4	2165.1	2154.2	2143.5	2137.4	2143.5	2154.2	2165.1	2185.4	2205.9
40°	2108.1	2078.4	2048.8	2028.7	2008.9	1997.0	2008.9	2028.7	2048.8	2078.4	2108.1
42.5°	2009.1	1972.2	1935.2	1906.0	1876.9	1857.7	1876.9	1906.0	1935.2	1972.2	2009.1
45°	1911.6	1869.3	1827.2	1792.9	1758.7	1736.7	1758.7	1792.9	1827.2	1869.3	1911.6
47.5°	1834.4	1796.9	1759.4	1727.6	1696.1	1674.8	1696.1	1727.6	1759.4	1796.9	1834.4
50°	1788.4	1758.4	1728.4	1699.0	1669.7	1649.4	1669.7	1699.0	1728.4	1758.4	1788.4
52.5°	1757.5	1733.0	1708.5	1682.2	1656.1	1637.3	1656.1	1682.2	1708.5	1733.0	1757.5
55°	1728.4	1707.0	1685.7	1662.8	1639.7	1622.8	1639.7	1662.8	1685.7	1707.0	1728.4
57.5°	1697.6	1676.1	1654.5	1631.7	1608.8	1591.3	1608.8	1631.7	1654.5	1676.1	1697.6
60°	1654.9	1633.7	1612.8	1589.4	1565.9	1547.6	1565.9	1589.4	1612.8	1633.7	1654.9
62.5°	1586.7	1567.6	1548.7	1524.0	1499.3	1477.4	1499.3	1524.0	1548.7	1567.6	1586.7
65°	1494.7	1476.4	1458.1	1434.1	1410.2	1391.4	1410.2	1434.1	1458.1	1476.4	1494.7
67.5°	1389.7	1372.8	1356.1	1333.8	1311.6	1294.6	1311.6	1333.8	1356.1	1372.8	1389.7
70°	1277.4	1263.7	1250.0	1228.7	1207.3	1188.0	1207.3	1228.7	1250.0	1263.7	1277.4
72.5°	1153.8	1142.5	1131.1	1110.8	1090.5	1071.7	1090.5	1110.8	1131.1	1142.5	1153.8
75°	1006.7	1001.0	995.5	978.4	961.3	943.4	961.3	978.4	995.5	1001.0	1006.7
77.5°	863.7	856.0	848.0	830.8	813.5	799.3	813.5	830.8	848.0	856.0	863.7
80°	702.4	699.0	695.8	672.6	649.3	622.5	649.3	672.6	695.8	699.0	702.4
82.5°	524.4	523.0	521.3	501.8	482.3	465.0	482.3	501.8	521.3	523.0	524.4
85°	333.0	330.6	328.2	312.9	297.7	282.2	297.7	312.9	328.2	330.6	333.0
87.5°	144.3	141.4	138.3	130.6	122.6	115.0	122.6	130.6	138.3	141.4	144.3
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: P969742
 CATALOG NUMBER: NAV-SB6A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	2921.6	2933.1	2947.4	2961.5	2979.9	2998.2	3016.6	3034.8	3055.6	3076.6	3099.7
5°	2748.9	2764.7	2787.5	2810.1	2839.8	2869.2	2901.6	2934.1	2970.8	3007.6	3051.5
7.5°	2645.3	2664.3	2691.1	2718.1	2754.1	2790.2	2831.2	2871.9	2920.4	2968.8	3027.0
10°	2615.6	2636.6	2669.0	2701.2	2741.8	2782.4	2826.4	2870.4	2918.8	2967.3	3028.8
12.5°	2669.1	2696.4	2737.6	2778.7	2820.6	2862.6	2897.1	2931.6	2963.6	2995.9	3046.0
15°	2781.7	2823.2	2881.8	2940.4	2976.8	3013.3	3022.2	3031.2	3026.8	3022.5	3046.4
17.5°	2896.0	2957.1	3034.7	3112.3	3141.6	3171.0	3143.1	3115.0	3062.2	3009.4	3000.7
20°	2967.3	3042.1	3130.8	3219.5	3233.2	3246.8	3188.1	3129.3	3037.5	2945.8	2904.6
22.5°	2971.8	3048.8	3133.5	3218.3	3210.2	3202.0	3125.5	3049.1	2944.2	2839.7	2778.7
25°	2904.2	2972.8	3042.2	3111.7	3083.7	3055.6	2980.5	2905.3	2811.1	2717.0	2646.7
27.5°	2774.4	2827.5	2876.9	2926.5	2895.1	2863.8	2803.5	2743.2	2665.9	2588.5	2520.8
30°	2618.0	2656.0	2693.8	2731.4	2706.0	2680.6	2630.5	2580.4	2516.3	2452.1	2398.1
32.5°	2468.2	2498.5	2533.4	2567.9	2539.6	2511.5	2463.4	2415.4	2364.1	2312.8	2280.9
35°	2340.4	2368.6	2393.1	2417.8	2383.9	2350.0	2302.4	2254.9	2215.9	2176.8	2168.0
37.5°	2231.8	2257.6	2268.9	2280.3	2238.5	2196.6	2149.1	2101.8	2073.8	2045.7	2055.3
40°	2130.1	2152.0	2149.3	2146.6	2098.2	2050.0	2004.3	1958.5	1938.3	1918.0	1939.9
42.5°	2027.4	2046.0	2032.1	2018.1	1966.1	1914.0	1870.5	1827.2	1810.6	1794.2	1823.2
45°	1928.2	1944.9	1925.0	1905.0	1850.9	1796.9	1755.7	1714.5	1700.5	1686.7	1714.9
47.5°	1846.1	1857.7	1834.7	1811.7	1758.4	1705.1	1664.9	1624.6	1611.6	1598.6	1622.3
50°	1788.9	1789.6	1760.1	1730.5	1682.8	1635.1	1597.3	1559.2	1538.7	1518.3	1539.3
52.5°	1751.1	1744.9	1709.8	1674.8	1630.3	1585.9	1551.0	1516.2	1485.6	1455.1	1475.8
55°	1719.6	1710.9	1673.7	1636.7	1597.9	1558.8	1521.3	1483.8	1440.4	1396.9	1429.8
57.5°	1688.8	1680.0	1642.7	1605.3	1566.6	1528.1	1484.0	1439.9	1393.2	1346.4	1394.4
60°	1645.2	1635.5	1598.0	1560.4	1521.2	1482.0	1431.4	1380.8	1339.9	1298.8	1361.1
62.5°	1577.4	1568.0	1533.6	1499.3	1457.4	1415.7	1356.6	1297.6	1271.6	1245.6	1323.2
65°	1485.2	1475.6	1445.4	1415.1	1375.1	1335.2	1271.8	1208.6	1198.6	1188.6	1271.3
67.5°	1380.5	1371.1	1345.0	1318.8	1281.0	1243.1	1184.6	1126.3	1129.4	1132.5	1201.3
70°	1268.4	1259.4	1235.8	1212.3	1179.6	1146.9	1095.5	1044.2	1055.0	1065.9	1114.9
72.5°	1143.2	1132.5	1109.5	1086.3	1056.8	1027.2	986.9	946.4	962.3	978.3	1011.8
75°	995.5	984.3	963.3	942.2	915.4	888.7	858.6	828.6	844.0	859.3	885.1
77.5°	853.3	842.9	820.8	798.7	775.6	752.7	728.3	703.9	719.3	734.8	755.5
80°	688.6	674.8	658.0	641.2	621.9	602.5	582.3	561.9	575.0	587.9	605.4
82.5°	500.9	477.3	441.6	405.7	412.5	419.2	421.0	422.6	431.8	441.1	449.6
85°	304.0	274.9	241.3	207.7	226.4	245.3	254.1	262.8	273.1	283.4	292.4
87.5°	132.6	120.8	106.7	92.7	107.0	121.4	121.7	122.1	124.0	126.0	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

REPORT NUMBER: P969742
 CATALOG NUMBER: NAV-SB6A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	3123.0	3151.7	3177.5	3204.1	3230.8	3258.6	3286.5	3314.1	3341.8	3367.8	3393.9
5°	3095.4	3145.6	3196.5	3250.4	3304.3	3361.9	3419.7	3477.0	3534.4	3591.9	3649.4
7.5°	3085.5	3150.4	3219.8	3295.1	3370.3	3455.7	3541.1	3628.7	3716.3	3811.3	3906.2
10°	3090.3	3160.2	3245.8	3334.9	3423.8	3527.6	3631.3	3747.0	3862.9	3982.9	4103.0
12.5°	3096.3	3161.4	3251.4	3352.0	3452.6	3574.9	3697.3	3828.6	3959.8	4091.6	4223.4
15°	3070.6	3122.7	3222.3	3338.8	3455.3	3596.1	3736.9	3879.4	4021.8	4159.2	4296.7
17.5°	2991.9	3024.0	3141.1	3281.2	3421.3	3584.8	3748.3	3903.7	4059.1	4198.5	4337.9
20°	2863.4	2871.9	3008.5	3182.1	3355.7	3553.9	3752.0	3922.8	4093.5	4238.5	4383.3
22.5°	2717.8	2701.2	2856.6	3065.7	3274.9	3515.9	3756.8	3948.4	4139.9	4288.0	4436.0
25°	2576.4	2531.6	2690.9	2935.8	3180.8	3478.3	3776.0	3994.9	4213.8	4358.7	4503.8
27.5°	2452.9	2398.4	2543.4	2817.0	3090.6	3453.2	3816.0	4067.6	4319.1	4457.5	4595.8
30°	2344.3	2301.5	2423.3	2717.7	3012.1	3441.4	3870.7	4161.7	4452.7	4586.3	4719.9
32.5°	2249.2	2230.1	2328.2	2632.0	2935.8	3427.0	3917.9	4259.9	4601.9	4734.2	4866.5
35°	2159.3	2167.2	2248.8	2547.8	2846.8	3399.6	3952.5	4371.8	4791.1	4917.8	5044.5
37.5°	2065.1	2093.9	2165.3	2448.8	2732.3	3352.7	3973.1	4497.2	5021.2	5182.7	5344.2
40°	1961.8	2006.0	2070.8	2330.6	2590.4	3288.2	3986.1	4656.3	5326.3	5561.8	5797.2
42.5°	1852.3	1907.9	1967.7	2200.2	2432.7	3221.6	4010.6	4864.4	5718.2	6058.1	6397.8
45°	1743.3	1797.1	1857.7	2061.7	2265.6	3159.7	4053.9	5138.3	6222.9	6681.3	7139.6
47.5°	1646.0	1692.4	1770.5	1952.0	2133.5	3108.6	4083.6	5430.2	6776.9	7422.1	8067.3
50°	1560.4	1614.3	1717.0	1879.2	2041.6	3052.9	4064.2	5701.0	7337.9	8310.5	9283.1
52.5°	1496.6	1571.9	1690.0	1831.3	1972.7	2958.8	3944.9	5876.8	7808.7	9243.8	10678.9
55°	1462.7	1576.1	1686.0	1796.5	1907.1	2802.8	3698.5	5838.1	7977.6	10071.1	12164.7
57.5°	1442.4	1580.3	1677.3	1755.4	1833.5	2582.9	3332.2	5565.3	7798.7	10657.5	13516.3
60°	1423.2	1567.0	1631.0	1692.4	1753.8	2297.3	2840.8	5057.9	7274.8	10804.0	14333.1
62.5°	1400.9	1534.3	1542.2	1582.9	1623.7	1955.6	2287.4	4371.5	6455.8	10187.1	13918.3
65°	1353.9	1455.6	1454.7	1473.9	1493.2	1648.1	1803.0	3671.3	5539.8	9314.0	13088.1
67.5°	1270.1	1327.3	1329.9	1319.3	1308.5	1352.6	1396.6	2985.4	4574.3	8275.0	11975.8
70°	1163.8	1182.5	1182.5	1132.8	1082.9	1070.4	1057.8	2350.6	3643.4	7141.4	10639.5
72.5°	1045.4	1045.1	1033.2	962.7	892.0	853.9	816.0	1797.0	2778.1	5912.5	9047.0
75°	910.9	915.5	860.8	781.6	702.4	668.0	633.7	1304.3	1975.0	4503.6	7032.4
77.5°	776.2	778.7	688.5	611.6	534.6	511.2	487.8	883.8	1279.8	3152.2	5024.5
80°	622.7	623.1	515.3	450.3	385.1	375.5	365.7	569.4	773.3	2030.9	3288.5
82.5°	458.0	452.9	360.9	312.9	265.0	263.0	261.4	350.2	439.3	1175.5	1911.6
85°	301.6	294.9	226.4	191.4	156.2	157.2	158.1	187.3	216.5	528.7	841.0
87.5°	133.2	124.7	96.2	81.9	67.5	68.5	69.3	77.6	86.0	173.2	260.3
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: P969742
 CATALOG NUMBER: NAV-SB6A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	3406.7	3419.7	3438.0	3456.3	3467.2	3478.0	3483.5	3489.0	3486.5	3489.0	3483.5
5°	3694.3	3739.4	3784.0	3828.7	3852.9	3877.1	3891.7	3906.5	3917.7	3906.5	3891.7
7.5°	3979.3	4052.3	4118.0	4183.8	4223.4	4263.1	4284.5	4305.8	4316.1	4305.8	4284.5
10°	4189.4	4275.9	4353.1	4430.2	4476.9	4523.4	4544.2	4564.9	4572.8	4564.9	4544.2
12.5°	4317.2	4410.8	4480.6	4550.1	4584.0	4617.8	4629.3	4640.7	4641.8	4640.7	4629.3
15°	4377.6	4458.3	4502.1	4546.0	4547.1	4548.3	4536.2	4524.1	4509.9	4524.1	4536.2
17.5°	4392.5	4447.2	4448.0	4448.7	4399.6	4350.6	4305.7	4260.6	4228.9	4260.6	4305.7
20°	4402.3	4421.4	4363.9	4306.4	4198.1	4089.9	4011.0	3932.2	3883.7	3932.2	4011.0
22.5°	4411.0	4386.1	4267.0	4147.8	3988.5	3829.3	3730.7	3632.1	3578.6	3632.1	3730.7
25°	4425.1	4346.4	4165.4	3984.5	3791.1	3597.7	3494.0	3390.6	3340.0	3390.6	3494.0
27.5°	4455.2	4314.2	4074.6	3835.0	3620.7	3406.4	3304.4	3202.5	3154.7	3202.5	3304.4
30°	4510.1	4300.4	4005.4	3710.3	3487.0	3263.7	3169.1	3074.6	3030.0	3074.6	3169.1
32.5°	4579.1	4291.9	3958.1	3624.4	3414.5	3204.7	3130.4	3056.0	3024.0	3056.0	3130.4
35°	4692.9	4341.3	3993.5	3645.8	3500.0	3354.3	3337.0	3319.7	3317.0	3319.7	3337.0
37.5°	4930.6	4516.9	4200.8	3884.7	3875.3	3865.8	3945.0	4024.3	4065.5	4024.3	3945.0
40°	5347.3	4897.3	4662.3	4427.3	4593.1	4759.1	4951.7	5144.2	5240.1	5144.2	4951.7
42.5°	5951.5	5505.1	5369.7	5234.3	5596.2	5958.0	6308.3	6658.5	6864.1	6658.5	6308.3
45°	6738.7	6337.6	6277.8	6218.0	6797.7	7377.5	7953.1	8528.6	8878.0	8528.6	7953.1
47.5°	7677.1	7286.9	7274.8	7262.7	8099.0	8935.1	9777.7	10620.1	11114.8	10620.1	9777.7
50°	8801.3	8319.5	8321.6	8323.6	9401.4	10479.2	11591.3	12703.4	13375.7	12703.4	11591.3
52.5°	10095.3	9512.0	9453.1	9393.9	10681.3	11968.8	13344.8	14720.6	15526.5	14720.6	13344.8
55°	11588.2	11011.9	10781.9	10551.9	11984.8	13417.6	15057.9	16698.2	17656.8	16698.2	15057.9
57.5°	13202.3	12888.3	12427.0	11965.8	13412.7	14859.5	16717.4	18575.3	19763.9	18575.3	16717.4
60°	14820.7	15308.3	14735.5	14162.7	15531.8	16901.0	18890.2	20879.6	22164.2	20879.6	18890.2
62.5°	15250.6	16582.8	16518.3	16453.6	17707.8	18962.2	20854.9	22747.3	23934.7	22747.3	20854.9
65°	14338.5	15588.9	15836.4	16083.6	17677.6	19271.6	21106.8	22941.9	23952.8	22941.9	21106.8
67.5°	13165.0	14354.3	14470.3	14586.2	16247.0	17907.7	19750.7	21593.8	22385.8	21593.8	19750.7
70°	11932.9	13226.6	13278.4	13330.3	14815.6	16300.7	17886.7	19472.6	19912.9	19472.6	17886.7
72.5°	10531.3	12015.8	12053.1	12090.3	13252.2	14414.3	15602.1	16789.9	16834.5	16789.9	15602.1
75°	8568.7	10105.1	10242.9	10380.9	11284.9	12189.0	13025.2	13861.4	13637.3	13861.4	13025.2
77.5°	6458.6	7892.8	8090.2	8287.6	8974.9	9662.2	10255.2	10848.4	10463.2	10848.4	10255.2
80°	4495.0	5701.5	5946.8	6192.2	6711.3	7230.0	7541.5	7852.9	7233.4	7852.9	7541.5
82.5°	2736.4	3561.4	3835.4	4109.6	4466.8	4824.2	4954.0	5083.9	4597.0	5083.9	4954.0
85°	1278.9	1716.7	1949.8	2182.8	2476.4	2769.9	2843.6	2917.4	2527.4	2917.4	2843.6
87.5°	407.5	554.6	684.7	814.8	961.6	1108.3	1114.6	1120.8	941.0	1120.8	1114.6
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: P969742
 CATALOG NUMBER: NAV-SB6A-722-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0	3156.0
2.5°	3478.0	3467.2	3456.3	3438.0	3419.7	3406.7	3393.9
5°	3877.1	3852.9	3828.7	3784.0	3739.4	3694.3	3649.4
7.5°	4263.1	4223.4	4183.8	4118.0	4052.3	3979.3	3906.2
10°	4523.4	4476.9	4430.2	4353.1	4275.9	4189.4	4103.0
12.5°	4617.8	4584.0	4550.1	4480.6	4410.8	4317.2	4223.4
15°	4548.3	4547.1	4546.0	4502.1	4458.3	4377.6	4296.7
17.5°	4350.6	4399.6	4448.7	4448.0	4447.2	4392.5	4337.9
20°	4089.9	4198.1	4306.4	4363.9	4421.4	4402.3	4383.3
22.5°	3829.3	3988.5	4147.8	4267.0	4386.1	4411.0	4436.0
25°	3597.7	3791.1	3984.5	4165.4	4346.4	4425.1	4503.8
27.5°	3406.4	3620.7	3835.0	4074.6	4314.2	4455.2	4595.8
30°	3263.7	3487.0	3710.3	4005.4	4300.4	4510.1	4719.9
32.5°	3204.7	3414.5	3624.4	3958.1	4291.9	4579.1	4866.5
35°	3354.3	3500.0	3645.8	3993.5	4341.3	4692.9	5044.5
37.5°	3865.8	3875.3	3884.7	4200.8	4516.9	4930.6	5344.2
40°	4759.1	4593.1	4427.3	4662.3	4897.3	5347.3	5797.2
42.5°	5958.0	5596.2	5234.3	5369.7	5505.1	5951.5	6397.8
45°	7377.5	6797.7	6218.0	6277.8	6337.6	6738.7	7139.6
47.5°	8935.1	8099.0	7262.7	7274.8	7286.9	7677.1	8067.3
50°	10479.2	9401.4	8323.6	8321.6	8319.5	8801.3	9283.1
52.5°	11968.8	10681.3	9393.9	9453.1	9512.0	10095.3	10678.9
55°	13417.6	11984.8	10551.9	10781.9	11011.9	11588.2	12164.7
57.5°	14859.5	13412.7	11965.8	12427.0	12888.3	13202.3	13516.3
60°	16901.0	15531.8	14162.7	14735.5	15308.3	14820.7	14333.1
62.5°	18962.2	17707.8	16453.6	16518.3	16582.8	15250.6	13918.3
65°	19271.6	17677.6	16083.6	15836.4	15588.9	14338.5	13088.1
67.5°	17907.7	16247.0	14586.2	14470.3	14354.3	13165.0	11975.8
70°	16300.7	14815.6	13330.3	13278.4	13226.6	11932.9	10639.5
72.5°	14414.3	13252.2	12090.3	12053.1	12015.8	10531.3	9047.0
75°	12189.0	11284.9	10380.9	10242.9	10105.1	8568.7	7032.4
77.5°	9662.2	8974.9	8287.6	8090.2	7892.8	6458.6	5024.5
80°	7230.0	6711.3	6192.2	5946.8	5701.5	4495.0	3288.5
82.5°	4824.2	4466.8	4109.6	3835.4	3561.4	2736.4	1911.6
85°	2769.9	2476.4	2182.8	1949.8	1716.7	1278.9	841.0
87.5°	1108.3	961.6	814.8	684.7	554.6	407.5	260.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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