

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: P964534

Luminaire Tested: **NAV-SB3C-730-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P964534
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-SB3C-730-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22949.8 lumens
Efficiency: N/A
Efficacy: 153.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

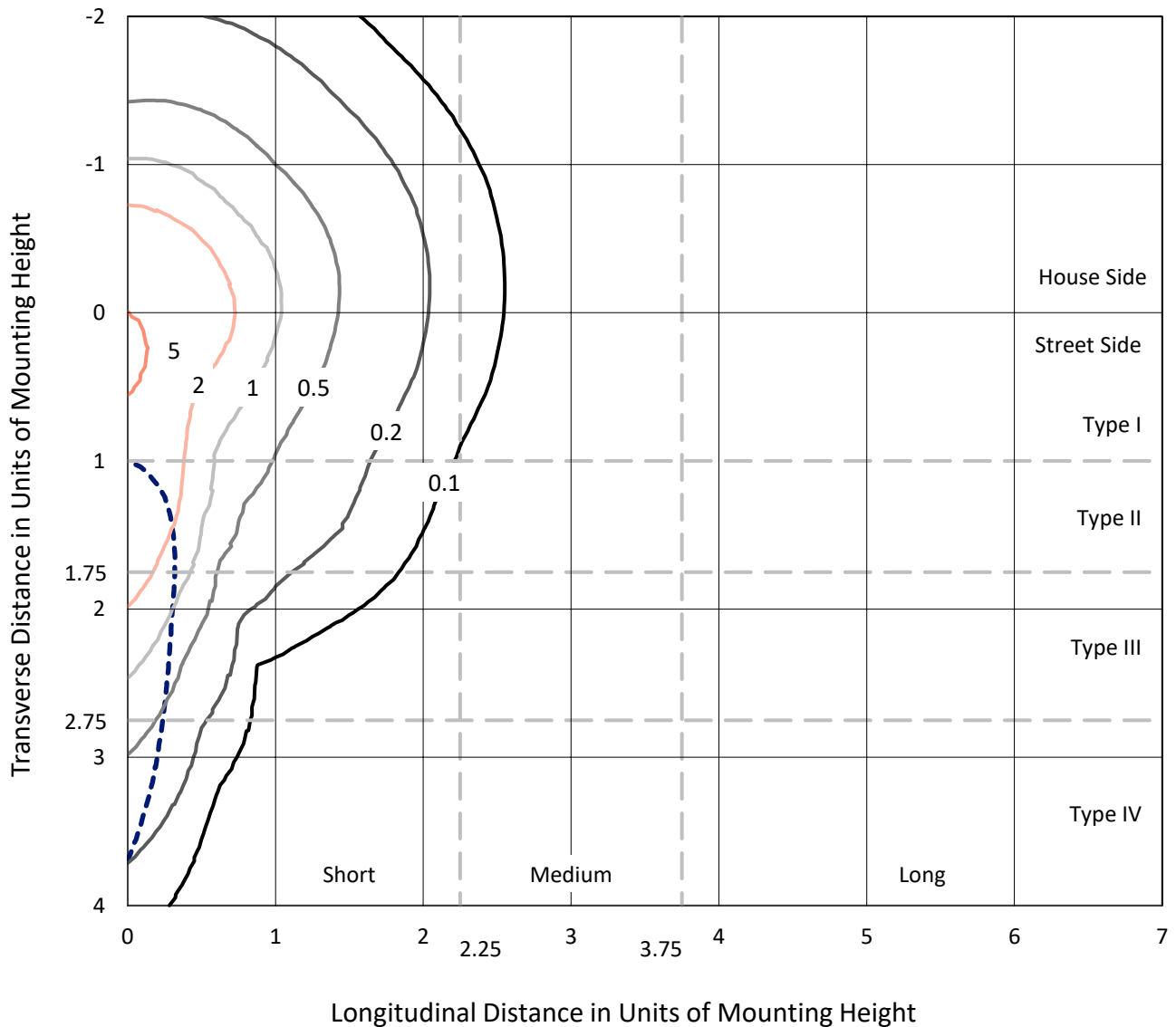
Input Watts (W): 149.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

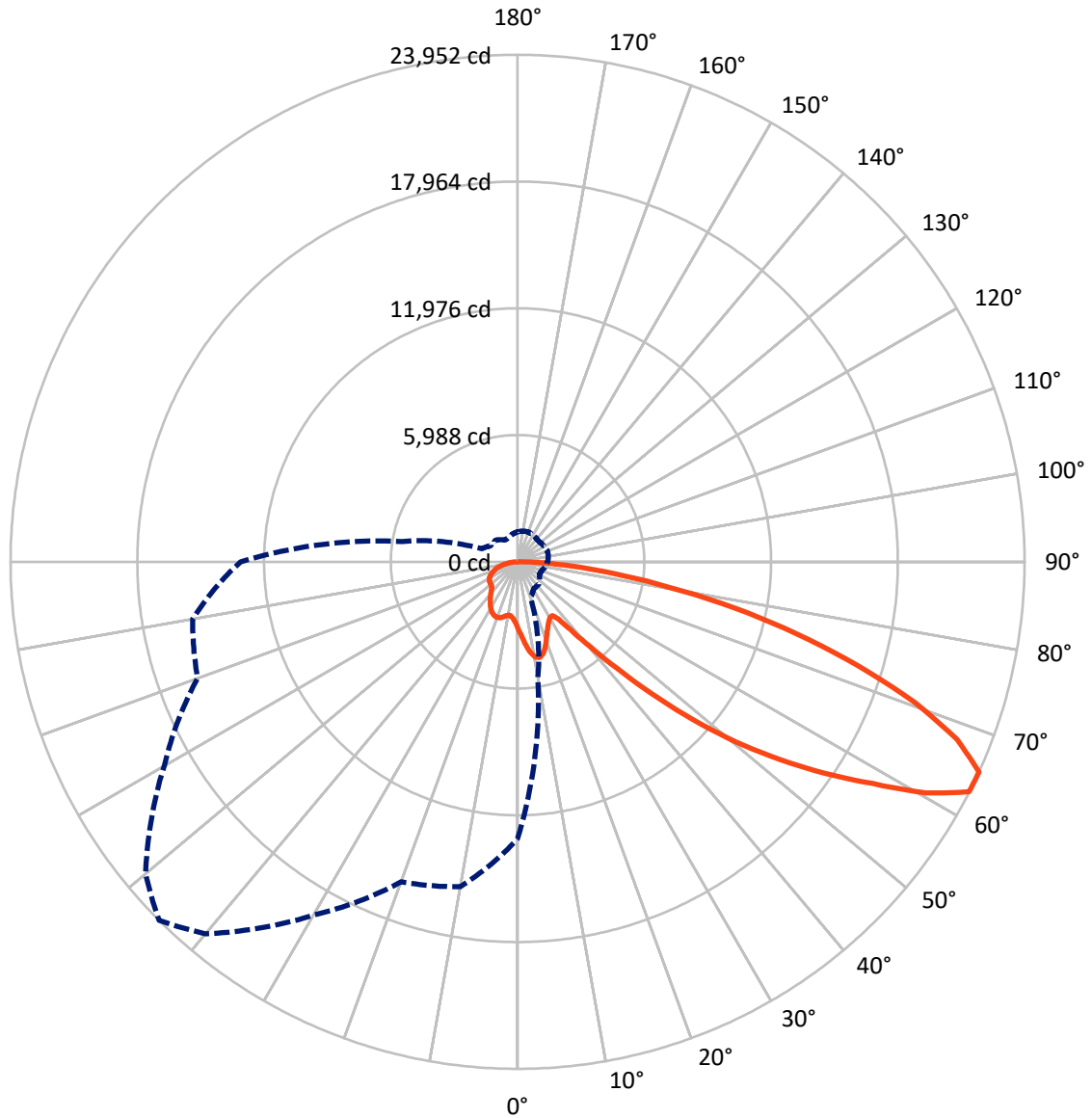
× Max cd
 - - - 1/2 Max cd



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	5832.7	0.0	5832.7
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	17117.1	0.0	17117.1
	% Fixture	74.6	0.0	74.6
Total	Lumens	22949.8	0.0	22949.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	313.0	1.4
10°-20°	982.7	4.3
20°-30°	1518.0	6.6
30°-40°	1923.7	8.4
40°-50°	2901.4	12.6
50°-60°	4687.6	20.4
60°-70°	5843.8	25.5
70°-80°	3832.1	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°	22949.8	100.0
0°-180°	22949.8	100.0

Coefficient of Utilization

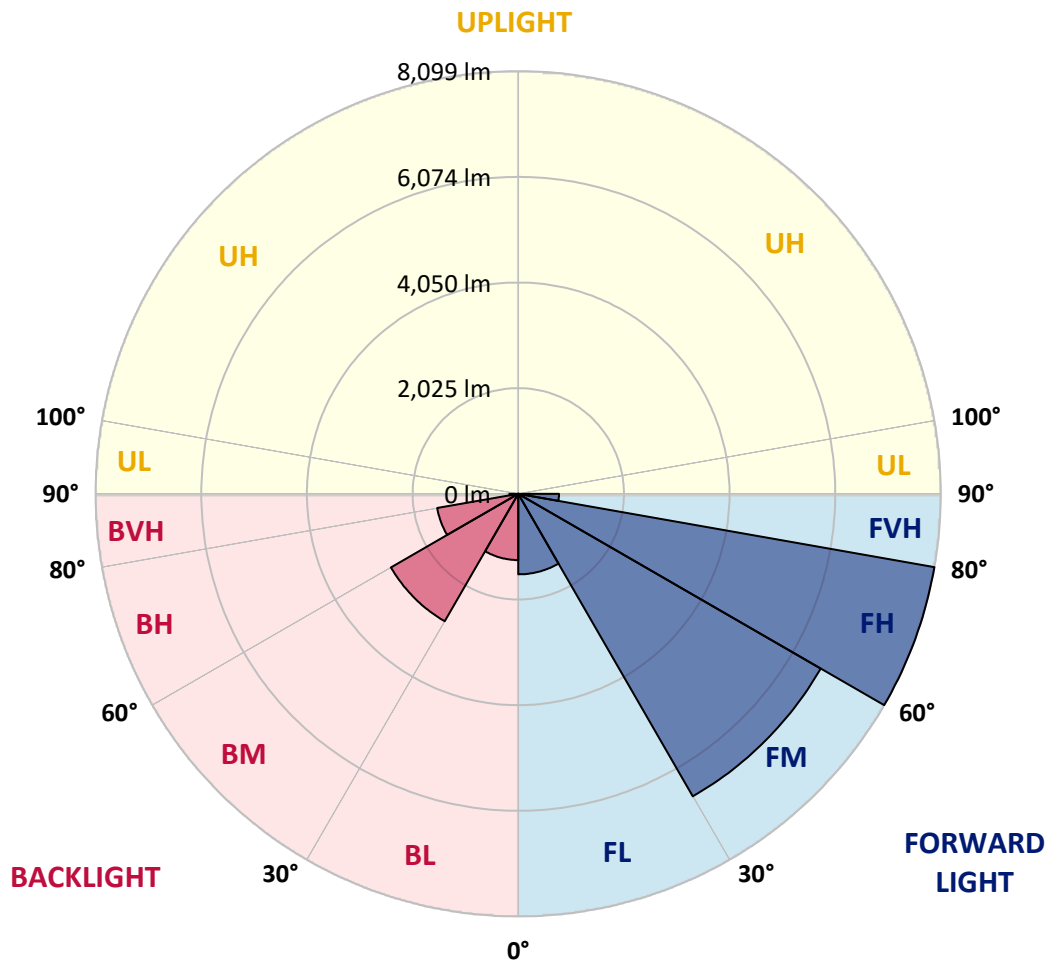


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1543.6	6.7			
FM (30°-60°)	6693.9	29.2			
FH (60°-80°)	8099.1	35.3			G4/12000
FVH (80°-90°)	780.4	3.4			G5
BL (0°-30°)	1270.1	5.5	B3/2500		
BM (30°-60°)	2818.7	12.3	B3/5000		
BH (60°-80°)	1576.9	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°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	3393.8	3367.7	3341.7	3313.9	3286.4	3258.5	3230.6	3203.9	3177.3	3151.6	3122.9
5°	3649.3	3591.7	3534.2	3476.8	3419.5	3361.8	3304.1	3250.3	3196.4	3145.5	3095.2
7.5°	3906.0	3811.1	3716.2	3628.5	3540.9	3455.5	3370.1	3295.0	3219.7	3150.3	3085.4
10°	4102.8	3982.7	3862.7	3746.9	3631.1	3527.4	3423.7	3334.7	3245.7	3160.1	3090.2
12.5°	4223.3	4091.4	3959.7	3828.4	3697.1	3574.8	3452.5	3351.9	3251.2	3161.2	3096.2
15°	4296.5	4159.0	4021.6	3879.2	3736.8	3596.0	3455.2	3338.6	3222.2	3122.5	3070.4
17.5°	4337.7	4198.3	4058.9	3903.6	3748.2	3584.7	3421.2	3281.1	3141.0	3023.7	2991.7
20°	4383.1	4238.3	4093.3	3922.6	3751.8	3553.7	3355.6	3181.9	3008.3	2871.8	2863.3
22.5°	4435.8	4287.8	4139.7	3948.2	3756.6	3515.6	3274.7	3065.6	2856.5	2701.1	2717.7
25°	4503.6	4358.5	4213.6	3994.7	3775.8	3478.1	3180.6	2935.6	2690.7	2531.5	2576.3
27.5°	4595.6	4457.3	4318.9	4067.4	3815.8	3453.1	3090.4	2816.8	2543.2	2398.3	2452.8
30°	4719.7	4586.1	4452.5	4161.5	3870.5	3441.3	3012.0	2717.6	2423.2	2301.4	2344.2
32.5°	4866.3	4734.0	4601.7	4259.7	3917.8	3426.8	2935.6	2631.9	2328.1	2230.0	2249.1
35°	5044.3	4917.6	4790.8	4371.6	3952.4	3399.4	2846.7	2547.7	2248.7	2167.1	2159.2
37.5°	5344.0	5182.5	5021.0	4497.0	3972.9	3352.6	2732.2	2448.7	2165.2	2093.8	2065.0
40°	5796.9	5561.5	5326.1	4656.1	3985.9	3288.0	2590.3	2330.5	2070.8	2005.9	1961.7
42.5°	6397.5	6057.7	5718.0	4864.2	4010.5	3221.5	2432.6	2200.1	1967.6	1907.8	1852.2
45°	7139.2	6681.0	6222.6	5138.1	4053.8	3159.6	2265.5	2061.6	1857.6	1797.0	1743.2
47.5°	8066.9	7421.8	6776.6	5430.0	4083.4	3108.4	2133.5	1952.0	1770.5	1692.4	1645.9
50°	9282.7	8310.2	7337.5	5700.7	4064.0	3052.8	2041.5	1879.1	1716.9	1614.3	1560.4
52.5°	10678.3	9243.3	7808.3	5876.6	3944.7	2958.7	1972.7	1831.3	1689.9	1571.8	1496.5
55°	12164.2	10070.6	7977.3	5837.9	3698.3	2802.7	1907.0	1796.5	1685.9	1576.0	1462.6
57.5°	13515.6	10657.0	7798.4	5565.1	3332.0	2582.8	1833.4	1755.3	1677.2	1580.3	1442.3
60°	14332.5	10803.5	7274.5	5057.7	2840.7	2297.2	1753.8	1692.4	1631.0	1567.0	1423.1
62.5°	13917.7	10186.6	6455.4	4371.3	2287.3	1955.5	1623.7	1582.9	1542.2	1534.3	1400.9
65°	13087.6	9313.6	5539.6	3671.1	1802.9	1648.0	1493.1	1473.8	1454.6	1455.6	1353.8
67.5°	11975.3	8274.7	4574.1	2985.3	1396.5	1352.5	1308.4	1319.3	1329.9	1327.3	1270.1
70°	10639.0	7141.1	3643.2	2350.5	1057.8	1070.4	1082.8	1132.7	1182.5	1182.5	1163.8
72.5°	9046.5	5912.2	2778.0	1796.9	816.0	853.8	891.9	962.6	1033.2	1045.1	1045.3
75°	7032.1	4503.4	1974.9	1304.2	633.6	668.0	702.3	781.6	860.8	915.5	910.9
77.5°	5024.3	3152.1	1279.7	883.8	487.8	511.2	534.6	611.5	688.4	778.7	776.2
80°	3288.4	2030.8	773.2	569.4	365.7	375.4	385.1	450.3	515.3	623.0	622.7
82.5°	1911.5	1175.4	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	187.2	158.1	157.2	156.2	191.4	226.4	294.9	301.6
87.5°	260.3	173.1	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°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	3099.6	3076.4	3055.5	3034.7	3016.4	2998.1	2979.7	2961.4	2947.3	2932.9	2921.5
5°	3051.4	3007.5	2970.7	2934.0	2901.5	2869.1	2839.6	2810.0	2787.4	2764.6	2748.7
7.5°	3026.9	2968.7	2920.2	2871.8	2831.0	2790.0	2754.0	2718.0	2691.0	2664.2	2645.2
10°	3028.7	2967.2	2918.7	2870.2	2826.2	2782.2	2741.7	2701.1	2668.9	2636.5	2615.5
12.5°	3045.8	2995.7	2963.5	2931.5	2896.9	2862.5	2820.5	2778.6	2737.4	2696.3	2669.0
15°	3046.3	3022.3	3026.7	3031.0	3022.1	3013.1	2976.7	2940.2	2881.6	2823.1	2781.6
17.5°	3000.6	3009.3	3062.1	3114.9	3143.0	3170.9	3141.5	3112.2	3034.6	2956.9	2895.9
20°	2904.5	2945.6	3037.4	3129.1	3187.9	3246.6	3233.1	3219.3	3130.6	3042.0	2967.2
22.5°	2778.6	2839.5	2944.1	3049.0	3125.4	3201.8	3210.0	3218.2	3133.4	3048.7	2971.6
25°	2646.5	2716.8	2810.9	2905.2	2980.3	3055.5	3083.6	3111.6	3042.1	2972.7	2904.1
27.5°	2520.7	2588.4	2665.8	2743.1	2803.4	2863.7	2894.9	2926.3	2876.8	2827.4	2774.2
30°	2398.0	2452.0	2516.2	2580.3	2630.4	2680.5	2705.9	2731.3	2693.7	2655.9	2617.8
32.5°	2280.8	2312.7	2364.0	2415.3	2463.3	2511.4	2539.5	2567.8	2533.2	2498.4	2468.1
35°	2167.9	2176.7	2215.8	2254.8	2302.3	2349.9	2383.8	2417.7	2393.0	2368.4	2340.3
37.5°	2055.2	2045.6	2073.7	2101.7	2149.0	2196.5	2238.4	2280.2	2268.8	2257.5	2231.7
40°	1939.8	1918.0	1938.2	1958.4	2004.2	2049.9	2098.2	2146.5	2149.2	2151.9	2130.0
42.5°	1823.1	1794.1	1810.6	1827.1	1870.4	1914.0	1966.1	2018.1	2032.0	2045.9	2027.4
45°	1714.8	1686.6	1700.5	1714.5	1755.6	1796.8	1850.8	1904.9	1924.8	1944.8	1928.1
47.5°	1622.2	1598.5	1611.6	1624.5	1664.8	1705.1	1758.3	1811.6	1834.6	1857.6	1846.0
50°	1539.2	1518.3	1538.6	1559.1	1597.2	1635.1	1682.7	1730.5	1760.0	1789.5	1788.8
52.5°	1475.7	1455.0	1485.6	1516.2	1551.0	1585.8	1630.2	1674.7	1709.8	1744.8	1751.1
55°	1429.7	1396.9	1440.3	1483.7	1521.2	1558.7	1597.8	1636.6	1673.7	1710.8	1719.5
57.5°	1394.3	1346.3	1393.1	1439.8	1483.9	1528.0	1566.5	1605.1	1642.6	1679.9	1688.7
60°	1361.0	1298.8	1339.8	1380.8	1431.4	1481.9	1521.1	1560.4	1597.9	1635.4	1645.1
62.5°	1323.1	1245.5	1271.5	1297.5	1356.5	1415.6	1457.4	1499.2	1533.6	1567.9	1577.3
65°	1271.3	1188.6	1198.6	1208.6	1271.7	1335.1	1375.0	1415.0	1445.2	1475.6	1485.1
67.5°	1201.3	1132.5	1129.3	1126.2	1184.6	1243.0	1280.9	1318.8	1344.9	1371.0	1380.4
70°	1114.8	1065.9	1055.0	1044.1	1095.4	1146.8	1179.5	1212.2	1235.8	1259.4	1268.3
72.5°	1011.8	978.3	962.3	946.4	986.9	1027.2	1056.7	1086.2	1109.4	1132.5	1143.2
75°	885.1	859.2	843.9	828.5	858.5	888.6	915.3	942.2	963.2	984.3	995.4
77.5°	755.5	734.8	719.3	703.8	728.3	752.7	775.6	798.7	820.8	842.9	853.2
80°	605.4	587.9	574.9	561.9	582.2	602.5	621.9	641.2	658.0	674.8	688.6
82.5°	449.5	441.1	431.8	422.6	421.0	419.2	412.5	405.7	441.6	477.3	500.8
85°	292.4	283.4	273.1	262.8	254.1	245.2	226.4	207.7	241.2	274.9	303.9
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°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	2910.0	2901.0	2892.0	2883.8	2875.4	2865.2	2875.4	2883.8	2892.0	2901.0	2910.0
5°	2733.0	2721.7	2710.4	2701.8	2693.2	2684.7	2693.2	2701.8	2710.4	2721.7	2733.0
7.5°	2626.4	2613.4	2600.5	2592.8	2585.2	2579.4	2585.2	2592.8	2600.5	2613.4	2626.4
10°	2594.2	2581.9	2569.7	2563.1	2556.6	2553.9	2556.6	2563.1	2569.7	2581.9	2594.2
12.5°	2641.7	2628.0	2614.5	2608.9	2603.3	2602.4	2603.3	2608.9	2614.5	2628.0	2641.7
15°	2740.1	2721.2	2702.3	2695.0	2687.8	2687.1	2687.8	2695.0	2702.3	2721.2	2740.1
17.5°	2834.8	2806.8	2778.6	2769.3	2760.0	2758.6	2760.0	2769.3	2778.6	2806.8	2834.8
20°	2892.4	2856.5	2820.4	2808.8	2797.3	2793.7	2797.3	2808.8	2820.4	2856.5	2892.4
22.5°	2894.5	2856.6	2818.5	2805.8	2793.1	2787.7	2793.1	2805.8	2818.5	2856.6	2894.5
25°	2835.9	2802.9	2770.1	2758.1	2746.3	2739.2	2746.3	2758.1	2770.1	2802.9	2835.9
27.5°	2721.1	2699.0	2676.9	2671.4	2665.9	2664.2	2665.9	2671.4	2676.9	2699.0	2721.1
30°	2579.6	2568.3	2557.0	2557.0	2557.0	2558.8	2557.0	2557.0	2557.0	2568.3	2579.6
32.5°	2437.7	2430.3	2422.9	2423.9	2424.9	2426.8	2424.9	2423.9	2422.9	2430.3	2437.7
35°	2312.3	2301.1	2290.0	2287.5	2285.1	2283.9	2285.1	2287.5	2290.0	2301.1	2312.3
37.5°	2205.8	2185.3	2165.0	2154.2	2143.4	2137.3	2143.4	2154.2	2165.0	2185.3	2205.8
40°	2108.0	2078.3	2048.8	2028.6	2008.8	1996.9	2008.8	2028.6	2048.8	2078.3	2108.0
42.5°	2009.0	1972.1	1935.1	1906.0	1876.8	1857.6	1876.8	1906.0	1935.1	1972.1	2009.0
45°	1911.5	1869.3	1827.1	1792.8	1758.6	1736.6	1758.6	1792.8	1827.1	1869.3	1911.5
47.5°	1834.3	1796.8	1759.3	1727.5	1696.0	1674.7	1696.0	1727.5	1759.3	1796.8	1834.3
50°	1788.3	1758.3	1728.3	1699.0	1669.7	1649.3	1669.7	1699.0	1728.3	1758.3	1788.3
52.5°	1757.4	1732.9	1708.5	1682.1	1656.0	1637.2	1656.0	1682.1	1708.5	1732.9	1757.4
55°	1728.3	1706.9	1685.7	1662.7	1639.7	1622.7	1639.7	1662.7	1685.7	1706.9	1728.3
57.5°	1697.5	1676.0	1654.5	1631.7	1608.7	1591.2	1608.7	1631.7	1654.5	1676.0	1697.5
60°	1654.8	1633.7	1612.7	1589.3	1565.8	1547.6	1565.8	1589.3	1612.7	1633.7	1654.8
62.5°	1586.6	1567.6	1548.6	1523.9	1499.2	1477.3	1499.2	1523.9	1548.6	1567.6	1586.6
65°	1494.6	1476.3	1458.0	1434.1	1410.2	1391.4	1410.2	1434.1	1458.0	1476.3	1494.6
67.5°	1389.6	1372.8	1356.1	1333.7	1311.5	1294.6	1311.5	1333.7	1356.1	1372.8	1389.6
70°	1277.4	1263.6	1250.0	1228.7	1207.3	1188.0	1207.3	1228.7	1250.0	1263.6	1277.4
72.5°	1153.8	1142.5	1131.1	1110.7	1090.5	1071.7	1090.5	1110.7	1131.1	1142.5	1153.8
75°	1006.6	1001.0	995.4	978.4	961.2	943.3	961.2	978.4	995.4	1001.0	1006.6
77.5°	863.7	855.9	847.9	830.8	813.5	799.2	813.5	830.8	847.9	855.9	863.7
80°	702.3	698.9	695.7	672.6	649.3	622.5	649.3	672.6	695.7	698.9	702.3
82.5°	524.4	522.9	521.3	501.8	482.2	465.0	482.2	501.8	521.3	522.9	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: P964534
 CATALOG NUMBER: NAV-SB3C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	2921.5	2932.9	2947.3	2961.4	2979.7	2998.1	3016.4	3034.7	3055.5	3076.4	3099.6
5°	2748.7	2764.6	2787.4	2810.0	2839.6	2869.1	2901.5	2934.0	2970.7	3007.5	3051.4
7.5°	2645.2	2664.2	2691.0	2718.0	2754.0	2790.0	2831.0	2871.8	2920.2	2968.7	3026.9
10°	2615.5	2636.5	2668.9	2701.1	2741.7	2782.2	2826.2	2870.2	2918.7	2967.2	3028.7
12.5°	2669.0	2696.3	2737.4	2778.6	2820.5	2862.5	2896.9	2931.5	2963.5	2995.7	3045.8
15°	2781.6	2823.1	2881.6	2940.2	2976.7	3013.1	3022.1	3031.0	3026.7	3022.3	3046.3
17.5°	2895.9	2956.9	3034.6	3112.2	3141.5	3170.9	3143.0	3114.9	3062.1	3009.3	3000.6
20°	2967.2	3042.0	3130.6	3219.3	3233.1	3246.6	3187.9	3129.1	3037.4	2945.6	2904.5
22.5°	2971.6	3048.7	3133.4	3218.2	3210.0	3201.8	3125.4	3049.0	2944.1	2839.5	2778.6
25°	2904.1	2972.7	3042.1	3111.6	3083.6	3055.5	2980.3	2905.2	2810.9	2716.8	2646.5
27.5°	2774.2	2827.4	2876.8	2926.3	2894.9	2863.7	2803.4	2743.1	2665.8	2588.4	2520.7
30°	2617.8	2655.9	2693.7	2731.3	2705.9	2680.5	2630.4	2580.3	2516.2	2452.0	2398.0
32.5°	2468.1	2498.4	2533.2	2567.8	2539.5	2511.4	2463.3	2415.3	2364.0	2312.7	2280.8
35°	2340.3	2368.4	2393.0	2417.7	2383.8	2349.9	2302.3	2254.8	2215.8	2176.7	2167.9
37.5°	2231.7	2257.5	2268.8	2280.2	2238.4	2196.5	2149.0	2101.7	2073.7	2045.6	2055.2
40°	2130.0	2151.9	2149.2	2146.5	2098.2	2049.9	2004.2	1958.4	1938.2	1918.0	1939.8
42.5°	2027.4	2045.9	2032.0	2018.1	1966.1	1914.0	1870.4	1827.1	1810.6	1794.1	1823.1
45°	1928.1	1944.8	1924.8	1904.9	1850.8	1796.8	1755.6	1714.5	1700.5	1686.6	1714.8
47.5°	1846.0	1857.6	1834.6	1811.6	1758.3	1705.1	1664.8	1624.5	1611.6	1598.5	1622.2
50°	1788.8	1789.5	1760.0	1730.5	1682.7	1635.1	1597.2	1559.1	1538.6	1518.3	1539.2
52.5°	1751.1	1744.8	1709.8	1674.7	1630.2	1585.8	1551.0	1516.2	1485.6	1455.0	1475.7
55°	1719.5	1710.8	1673.7	1636.6	1597.8	1558.7	1521.2	1483.7	1440.3	1396.9	1429.7
57.5°	1688.7	1679.9	1642.6	1605.1	1566.5	1528.0	1483.9	1439.8	1393.1	1346.3	1394.3
60°	1645.1	1635.4	1597.9	1560.4	1521.1	1481.9	1431.4	1380.8	1339.8	1298.8	1361.0
62.5°	1577.3	1567.9	1533.6	1499.2	1457.4	1415.6	1356.5	1297.5	1271.5	1245.5	1323.1
65°	1485.1	1475.6	1445.2	1415.0	1375.0	1335.1	1271.7	1208.6	1198.6	1188.6	1271.3
67.5°	1380.4	1371.0	1344.9	1318.8	1280.9	1243.0	1184.6	1126.2	1129.3	1132.5	1201.3
70°	1268.3	1259.4	1235.8	1212.2	1179.5	1146.8	1095.4	1044.1	1055.0	1065.9	1114.8
72.5°	1143.2	1132.5	1109.4	1086.2	1056.7	1027.2	986.9	946.4	962.3	978.3	1011.8
75°	995.4	984.3	963.2	942.2	915.3	888.6	858.5	828.5	843.9	859.2	885.1
77.5°	853.2	842.9	820.8	798.7	775.6	752.7	728.3	703.8	719.3	734.8	755.5
80°	688.6	674.8	658.0	641.2	621.9	602.5	582.2	561.9	574.9	587.9	605.4
82.5°	500.8	477.3	441.6	405.7	412.5	419.2	421.0	422.6	431.8	441.1	449.5
85°	303.9	274.9	241.2	207.7	226.4	245.2	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: P964534
 CATALOG NUMBER: NAV-SB3C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	3122.9	3151.6	3177.3	3203.9	3230.6	3258.5	3286.4	3313.9	3341.7	3367.7	3393.8
5°	3095.2	3145.5	3196.4	3250.3	3304.1	3361.8	3419.5	3476.8	3534.2	3591.7	3649.3
7.5°	3085.4	3150.3	3219.7	3295.0	3370.1	3455.5	3540.9	3628.5	3716.2	3811.1	3906.0
10°	3090.2	3160.1	3245.7	3334.7	3423.7	3527.4	3631.1	3746.9	3862.7	3982.7	4102.8
12.5°	3096.2	3161.2	3251.2	3351.9	3452.5	3574.8	3697.1	3828.4	3959.7	4091.4	4223.3
15°	3070.4	3122.5	3222.2	3338.6	3455.2	3596.0	3736.8	3879.2	4021.6	4159.0	4296.5
17.5°	2991.7	3023.7	3141.0	3281.1	3421.2	3584.7	3748.2	3903.6	4058.9	4198.3	4337.7
20°	2863.3	2871.8	3008.3	3181.9	3355.6	3553.7	3751.8	3922.6	4093.3	4238.3	4383.1
22.5°	2717.7	2701.1	2856.5	3065.6	3274.7	3515.6	3756.6	3948.2	4139.7	4287.8	4435.8
25°	2576.3	2531.5	2690.7	2935.6	3180.6	3478.1	3775.8	3994.7	4213.6	4358.5	4503.6
27.5°	2452.8	2398.3	2543.2	2816.8	3090.4	3453.1	3815.8	4067.4	4318.9	4457.3	4595.6
30°	2344.2	2301.4	2423.2	2717.6	3012.0	3441.3	3870.5	4161.5	4452.5	4586.1	4719.7
32.5°	2249.1	2230.0	2328.1	2631.9	2935.6	3426.8	3917.8	4259.7	4601.7	4734.0	4866.3
35°	2159.2	2167.1	2248.7	2547.7	2846.7	3399.4	3952.4	4371.6	4790.8	4917.6	5044.3
37.5°	2065.0	2093.8	2165.2	2448.7	2732.2	3352.6	3972.9	4497.0	5021.0	5182.5	5344.0
40°	1961.7	2005.9	2070.8	2330.5	2590.3	3288.0	3985.9	4656.1	5326.1	5561.5	5796.9
42.5°	1852.2	1907.8	1967.6	2200.1	2432.6	3221.5	4010.5	4864.2	5718.0	6057.7	6397.5
45°	1743.2	1797.0	1857.6	2061.6	2265.5	3159.6	4053.8	5138.1	6222.6	6681.0	7139.2
47.5°	1645.9	1692.4	1770.5	1952.0	2133.5	3108.4	4083.4	5430.0	6776.6	7421.8	8066.9
50°	1560.4	1614.3	1716.9	1879.1	2041.5	3052.8	4064.0	5700.7	7337.5	8310.2	9282.7
52.5°	1496.5	1571.8	1689.9	1831.3	1972.7	2958.7	3944.7	5876.6	7808.3	9243.3	10678.3
55°	1462.6	1576.0	1685.9	1796.5	1907.0	2802.7	3698.3	5837.9	7977.3	10070.6	12164.2
57.5°	1442.3	1580.3	1677.2	1755.3	1833.4	2582.8	3332.0	5565.1	7798.4	10657.0	13515.6
60°	1423.1	1567.0	1631.0	1692.4	1753.8	2297.2	2840.7	5057.7	7274.5	10803.5	14332.5
62.5°	1400.9	1534.3	1542.2	1582.9	1623.7	1955.5	2287.3	4371.3	6455.4	10186.6	13917.7
65°	1353.8	1455.6	1454.6	1473.8	1493.1	1648.0	1802.9	3671.1	5539.6	9313.6	13087.6
67.5°	1270.1	1327.3	1329.9	1319.3	1308.4	1352.5	1396.5	2985.3	4574.1	8274.7	11975.3
70°	1163.8	1182.5	1182.5	1132.7	1082.8	1070.4	1057.8	2350.5	3643.2	7141.1	10639.0
72.5°	1045.3	1045.1	1033.2	962.6	891.9	853.8	816.0	1796.9	2778.0	5912.2	9046.5
75°	910.9	915.5	860.8	781.6	702.3	668.0	633.6	1304.2	1974.9	4503.4	7032.1
77.5°	776.2	778.7	688.4	611.5	534.6	511.2	487.8	883.8	1279.7	3152.1	5024.3
80°	622.7	623.0	515.3	450.3	385.1	375.4	365.7	569.4	773.2	2030.8	3288.4
82.5°	458.0	452.9	360.9	312.9	265.0	263.0	261.4	350.2	439.3	1175.4	1911.5
85°	301.6	294.9	226.4	191.4	156.2	157.2	158.1	187.2	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	173.1	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: P964534
 CATALOG NUMBER: NAV-SB3C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	3406.6	3419.5	3437.8	3456.1	3467.0	3477.9	3483.4	3488.8	3486.3	3488.8	3483.4
5°	3694.2	3739.2	3783.8	3828.5	3852.7	3877.0	3891.6	3906.4	3917.4	3906.4	3891.6
7.5°	3979.2	4052.1	4117.9	4183.6	4223.3	4262.9	4284.3	4305.6	4315.9	4305.6	4284.3
10°	4189.3	4275.7	4352.9	4429.9	4476.7	4523.2	4544.0	4564.7	4572.6	4564.7	4544.0
12.5°	4317.0	4410.6	4480.4	4549.9	4583.8	4617.6	4629.1	4640.5	4641.6	4640.5	4629.1
15°	4377.4	4458.2	4501.9	4545.8	4546.9	4548.1	4536.0	4523.9	4509.7	4523.9	4536.0
17.5°	4392.3	4447.0	4447.8	4448.5	4399.5	4350.4	4305.5	4260.4	4228.7	4260.4	4305.5
20°	4402.2	4421.2	4363.7	4306.2	4198.0	4089.6	4010.8	3932.0	3883.6	3932.0	4010.8
22.5°	4410.9	4385.9	4266.8	4147.6	3988.4	3829.1	3730.5	3632.0	3578.4	3632.0	3730.5
25°	4424.9	4346.2	4165.3	3984.4	3791.0	3597.5	3493.9	3390.5	3339.9	3390.5	3493.9
27.5°	4455.0	4314.1	4074.5	3834.9	3620.6	3406.2	3304.3	3202.4	3154.5	3202.4	3304.3
30°	4509.9	4300.2	4005.2	3710.2	3486.8	3263.6	3169.0	3074.4	3029.8	3074.4	3169.0
32.5°	4578.9	4291.7	3957.9	3624.2	3414.4	3204.5	3130.2	3055.8	3023.7	3055.8	3130.2
35°	4692.7	4341.1	3993.3	3645.6	3499.9	3354.1	3336.8	3319.5	3316.8	3319.5	3336.8
37.5°	4930.4	4516.7	4200.7	3884.5	3875.1	3865.7	3944.8	4024.0	4065.3	4024.0	3944.8
40°	5347.0	4897.1	4662.1	4427.1	4592.9	4758.9	4951.4	5144.0	5239.9	5144.0	4951.4
42.5°	5951.2	5504.9	5369.5	5234.1	5595.9	5957.7	6308.0	6658.2	6863.8	6658.2	6308.0
45°	6738.4	6337.3	6277.5	6217.8	6797.4	7377.2	7952.7	8528.3	8877.6	8528.3	7952.7
47.5°	7676.8	7286.6	7274.5	7262.4	8098.7	8934.8	9777.3	10619.6	11114.3	10619.6	9777.3
50°	8800.9	8319.1	8321.2	8323.2	9401.0	10478.8	11590.8	12702.8	13375.1	12702.8	11590.8
52.5°	10094.9	9511.6	9452.6	9393.5	10680.9	11968.3	13344.2	14719.9	15525.9	14719.9	13344.2
55°	11587.7	11011.4	10781.4	10551.5	11984.2	13416.9	15057.2	16697.5	17655.9	16697.5	15057.2
57.5°	13201.8	12887.7	12426.5	11965.3	13412.1	14858.8	16716.7	18574.4	19763.0	18574.4	16716.7
60°	14820.0	15307.7	14734.9	14162.0	15531.2	16900.3	18889.4	20878.5	22163.2	20878.5	18889.4
62.5°	15249.8	16582.0	16517.5	16452.9	17707.1	18961.4	20853.8	22746.3	23933.6	22746.3	20853.8
65°	14337.9	15588.2	15835.6	16082.9	17676.7	19270.8	21105.9	22940.8	23951.8	22940.8	21105.9
67.5°	13164.5	14353.6	14469.6	14585.5	16246.2	17906.9	19749.8	21592.9	22384.8	21592.9	19749.8
70°	11932.4	13226.0	13277.8	13329.7	14814.8	16299.9	17885.9	19471.8	19912.0	19471.8	17885.9
72.5°	10530.8	12015.3	12052.6	12089.7	13251.6	14413.6	15601.4	16789.1	16833.7	16789.1	15601.4
75°	8568.4	10104.6	10242.5	10380.5	11284.4	12188.4	13024.6	13860.8	13636.7	13860.8	13024.6
77.5°	6458.3	7892.5	8089.9	8287.2	8974.5	9661.8	10254.7	10847.9	10462.8	10847.9	10254.7
80°	4494.8	5701.3	5946.6	6191.9	6711.0	7229.7	7541.2	7852.5	7233.1	7852.5	7541.2
82.5°	2736.3	3561.3	3835.2	4109.4	4466.6	4823.9	4953.8	5083.7	4596.8	5083.7	4953.8
85°	1278.8	1716.6	1949.7	2182.7	2476.3	2769.8	2843.5	2917.3	2527.3	2917.3	2843.5
87.5°	407.5	554.6	684.7	814.8	961.6	1108.2	1114.6	1120.7	941.0	1120.7	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: P964534
 CATALOG NUMBER: NAV-SB3C-730-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8	3155.8
2.5°	3477.9	3467.0	3456.1	3437.8	3419.5	3406.6	3393.8
5°	3877.0	3852.7	3828.5	3783.8	3739.2	3694.2	3649.3
7.5°	4262.9	4223.3	4183.6	4117.9	4052.1	3979.2	3906.0
10°	4523.2	4476.7	4429.9	4352.9	4275.7	4189.3	4102.8
12.5°	4617.6	4583.8	4549.9	4480.4	4410.6	4317.0	4223.3
15°	4548.1	4546.9	4545.8	4501.9	4458.2	4377.4	4296.5
17.5°	4350.4	4399.5	4448.5	4447.8	4447.0	4392.3	4337.7
20°	4089.6	4198.0	4306.2	4363.7	4421.2	4402.2	4383.1
22.5°	3829.1	3988.4	4147.6	4266.8	4385.9	4410.9	4435.8
25°	3597.5	3791.0	3984.4	4165.3	4346.2	4424.9	4503.6
27.5°	3406.2	3620.6	3834.9	4074.5	4314.1	4455.0	4595.6
30°	3263.6	3486.8	3710.2	4005.2	4300.2	4509.9	4719.7
32.5°	3204.5	3414.4	3624.2	3957.9	4291.7	4578.9	4866.3
35°	3354.1	3499.9	3645.6	3993.3	4341.1	4692.7	5044.3
37.5°	3865.7	3875.1	3884.5	4200.7	4516.7	4930.4	5344.0
40°	4758.9	4592.9	4427.1	4662.1	4897.1	5347.0	5796.9
42.5°	5957.7	5595.9	5234.1	5369.5	5504.9	5951.2	6397.5
45°	7377.2	6797.4	6217.8	6277.5	6337.3	6738.4	7139.2
47.5°	8934.8	8098.7	7262.4	7274.5	7286.6	7676.8	8066.9
50°	10478.8	9401.0	8323.2	8321.2	8319.1	8800.9	9282.7
52.5°	11968.3	10680.9	9393.5	9452.6	9511.6	10094.9	10678.3
55°	13416.9	11984.2	10551.5	10781.4	11011.4	11587.7	12164.2
57.5°	14858.8	13412.1	11965.3	12426.5	12887.7	13201.8	13515.6
60°	16900.3	15531.2	14162.0	14734.9	15307.7	14820.0	14332.5
62.5°	18961.4	17707.1	16452.9	16517.5	16582.0	15249.8	13917.7
65°	19270.8	17676.7	16082.9	15835.6	15588.2	14337.9	13087.6
67.5°	17906.9	16246.2	14585.5	14469.6	14353.6	13164.5	11975.3
70°	16299.9	14814.8	13329.7	13277.8	13226.0	11932.4	10639.0
72.5°	14413.6	13251.6	12089.7	12052.6	12015.3	10530.8	9046.5
75°	12188.4	11284.4	10380.5	10242.5	10104.6	8568.4	7032.1
77.5°	9661.8	8974.5	8287.2	8089.9	7892.5	6458.3	5024.3
80°	7229.7	6711.0	6191.9	5946.6	5701.3	4494.8	3288.4
82.5°	4823.9	4466.6	4109.4	3835.2	3561.3	2736.3	1911.5
85°	2769.8	2476.3	2182.7	1949.7	1716.6	1278.8	841.0
87.5°	1108.2	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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