

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: P969773

Luminaire Tested: **NAV-SB6A-727-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P969773
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-727-U-SLR
Description: NAVION ROADWAY AND AREA HIGH DENSITY LED LUMINAIRE
(6) 70 CRI, 2700K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25768.5 lumens
Efficiency: N/A
Efficacy: 150.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G5

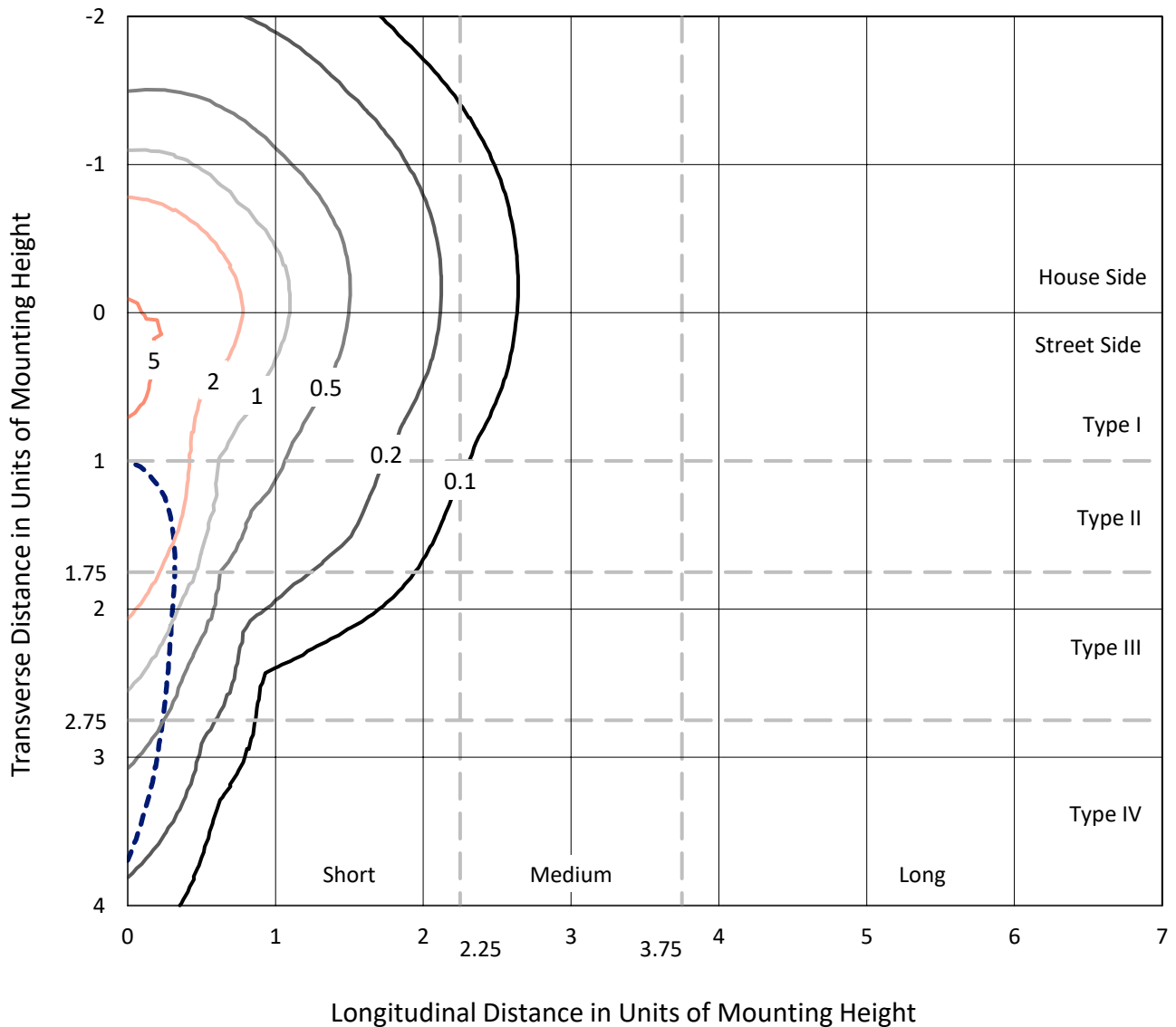
Input Watts (W): 170.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

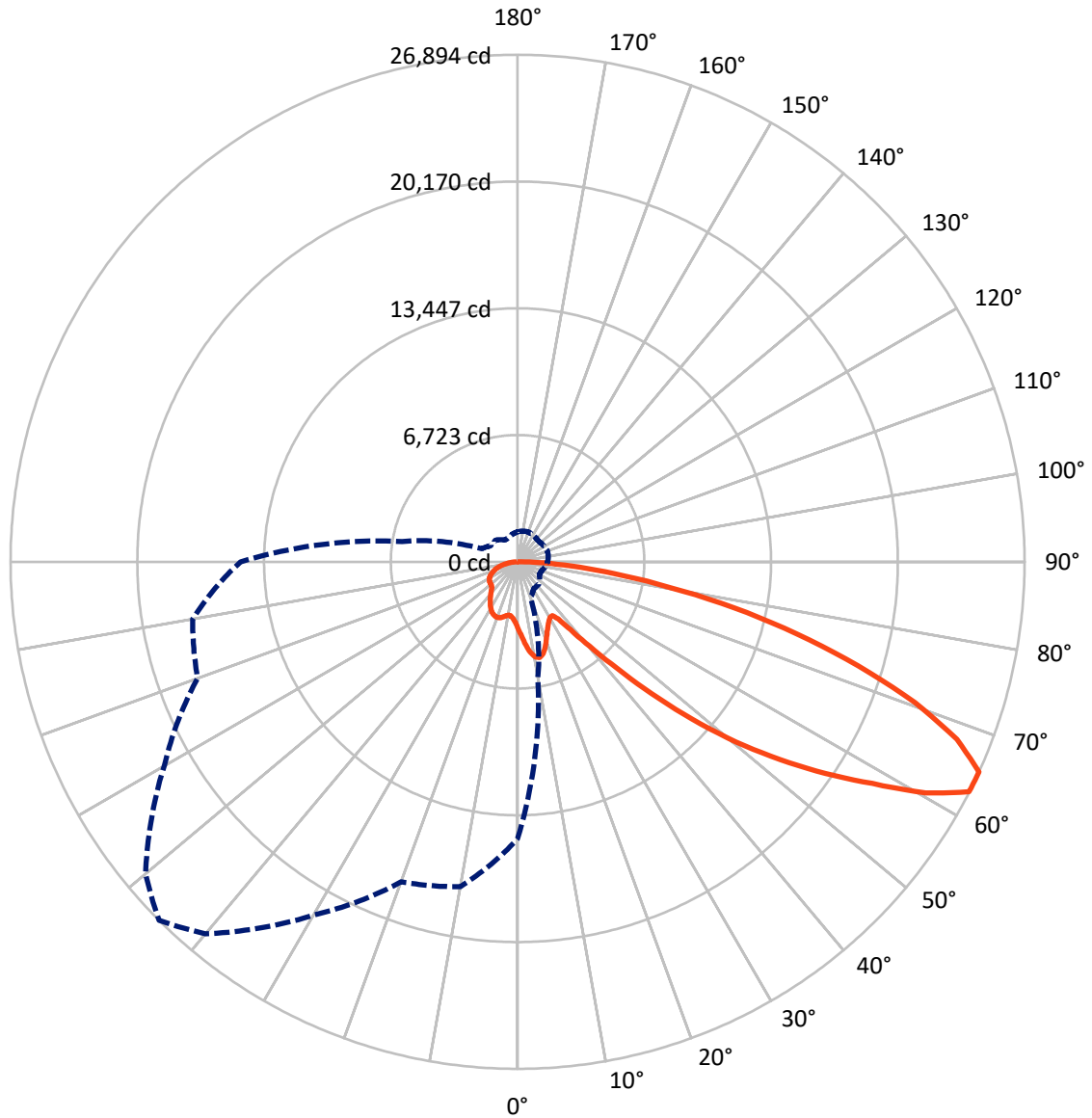
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7 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	6549.0	0.0	6549.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	19219.4	0.0	19219.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	25768.5	0.0	25768.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	351.5	1.4
10°-20°	1103.4	4.3
20°-30°	1704.4	6.6
30°-40°	2159.9	8.4
40°-50°	3257.7	12.6
50°-60°	5263.3	20.4
60°-70°	6561.6	25.5
70°-80°	4302.8	16.7
80°-90°	1063.7	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°	25768.5	100.0
0°-180°	25768.5	100.0

Coefficient of Utilization

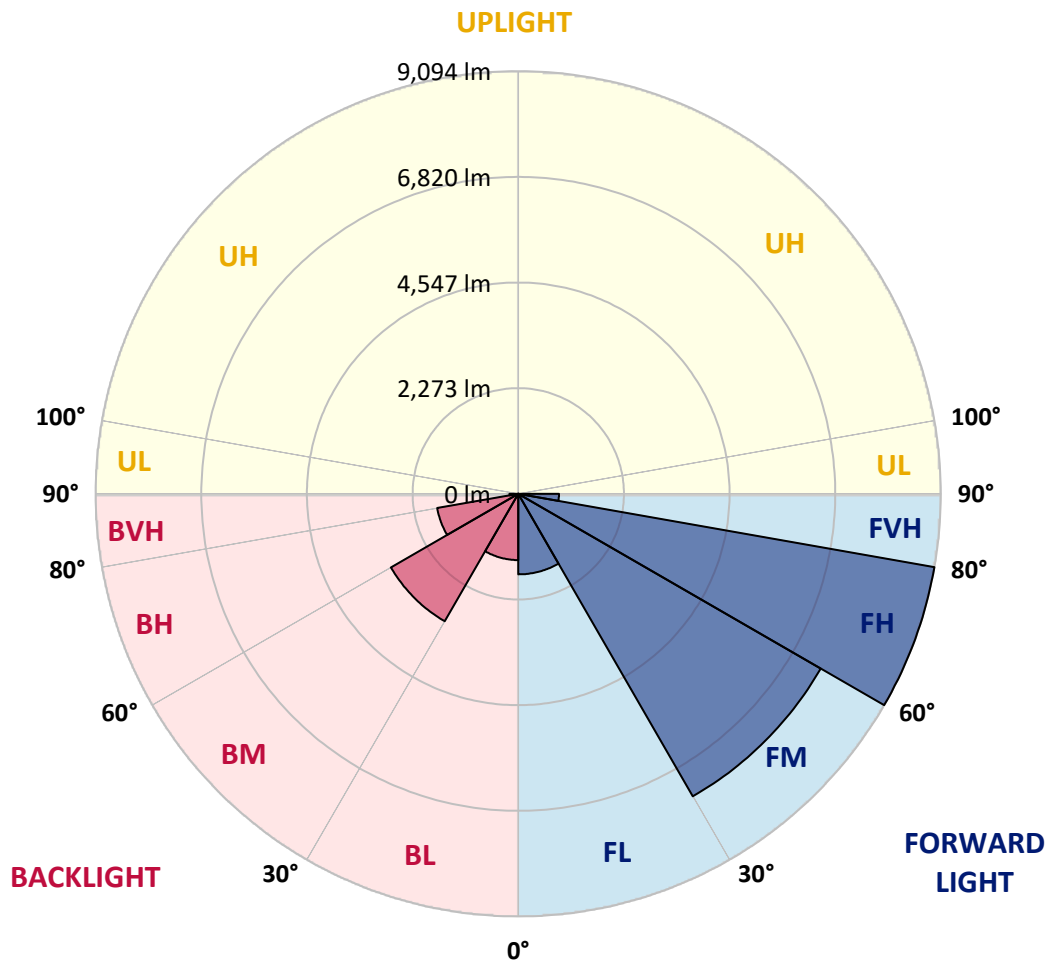


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1733.2	6.7			
FM (30°-60°)	7516.1	29.2			
FH (60°-80°)	9093.8	35.3			G4/12000
FVH (80°-90°)	876.3	3.4			G5
BL (0°-30°)	1426.1	5.5	B3/2500		
BM (30°-60°)	3164.9	12.3	B3/5000		
BH (60°-80°)	1770.6	6.9	B3/2500		G3/2500
BVH (80°-90°)	187.5	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°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3810.5	3781.3	3752.1	3721.0	3690.0	3658.7	3627.4	3597.5	3567.6	3538.6	3506.4
5°	4097.4	4032.9	3968.3	3903.8	3839.5	3774.7	3710.0	3649.4	3588.9	3531.8	3475.4
7.5°	4385.8	4279.2	4172.7	4074.2	3975.8	3879.9	3784.1	3699.6	3615.2	3537.3	3464.3
10°	4606.7	4472.0	4337.2	4207.1	4077.0	3960.7	3844.2	3744.3	3644.3	3548.1	3469.7
12.5°	4742.0	4593.9	4445.9	4298.5	4151.1	4013.8	3876.6	3763.5	3650.5	3549.5	3476.5
15°	4824.3	4669.9	4515.5	4355.6	4195.7	4037.7	3879.5	3748.7	3617.9	3506.0	3447.5
17.5°	4870.5	4714.0	4557.5	4383.0	4208.5	4025.0	3841.4	3684.2	3526.8	3395.2	3359.1
20°	4921.4	4758.9	4596.1	4404.3	4212.6	3990.2	3767.7	3572.7	3377.8	3224.5	3215.0
22.5°	4980.6	4814.4	4648.2	4433.2	4218.1	3947.5	3676.9	3442.1	3207.2	3032.9	3051.4
25°	5056.7	4893.9	4731.1	4485.4	4239.6	3905.4	3571.3	3296.2	3021.3	2842.4	2892.8
27.5°	5160.1	5004.8	4849.4	4567.0	4284.4	3877.2	3469.9	3162.8	2855.6	2692.9	2754.1
30°	5299.5	5149.3	4999.3	4672.7	4345.9	3864.0	3381.9	3051.3	2720.8	2584.1	2632.1
32.5°	5464.0	5315.3	5166.9	4782.9	4398.9	3847.6	3296.2	2955.2	2614.1	2503.9	2525.3
35°	5663.8	5521.7	5379.3	4908.5	4437.8	3817.0	3196.4	2860.7	2525.0	2433.1	2424.3
37.5°	6000.3	5819.0	5637.6	5049.3	4460.9	3764.3	3067.7	2749.5	2431.2	2350.9	2318.5
40°	6509.0	6244.6	5980.3	5227.9	4475.5	3691.8	2908.4	2616.7	2325.1	2252.3	2202.7
42.5°	7183.3	6801.8	6420.3	5461.7	4503.0	3617.1	2731.4	2470.4	2209.3	2142.2	2079.6
45°	8016.1	7501.5	6986.8	5769.2	4551.6	3547.6	2543.7	2314.8	2085.8	2017.8	1957.3
47.5°	9057.7	8333.4	7608.9	6096.9	4584.9	3490.2	2395.5	2191.8	1987.9	1900.1	1848.1
50°	10422.8	9330.9	8238.7	6400.9	4563.2	3427.7	2292.2	2110.0	1927.8	1812.5	1751.9
52.5°	11989.8	10378.6	8767.3	6598.3	4429.2	3322.0	2214.9	2056.1	1897.5	1764.9	1680.3
55°	13658.2	11307.6	8957.1	6554.9	4152.6	3146.9	2141.2	2017.1	1893.0	1769.7	1642.3
57.5°	15175.6	11966.0	8756.3	6248.7	3741.2	2899.9	2058.6	1970.9	1883.2	1774.4	1619.4
60°	16092.8	12130.5	8168.0	5678.8	3189.6	2579.3	1969.1	1900.1	1831.3	1759.4	1598.0
62.5°	15627.0	11437.7	7248.3	4908.2	2568.2	2195.7	1823.1	1777.2	1731.6	1722.7	1572.9
65°	14695.0	10457.5	6220.0	4122.0	2024.4	1850.4	1676.5	1654.9	1633.2	1634.4	1520.2
67.5°	13446.2	9291.0	5135.9	3352.0	1568.0	1518.6	1469.1	1481.2	1493.2	1490.2	1426.1
70°	11945.7	8018.2	4090.7	2639.2	1187.7	1201.8	1215.9	1271.8	1327.8	1327.8	1306.7
72.5°	10157.6	6638.3	3119.2	2017.7	916.1	958.7	1001.4	1080.9	1160.1	1173.4	1173.7
75°	7895.8	5056.6	2217.4	1464.4	711.3	750.0	788.6	877.5	966.5	1028.0	1022.7
77.5°	5641.4	3539.2	1436.9	992.3	547.7	573.9	600.3	686.6	773.0	874.3	871.6
80°	3692.3	2280.2	868.2	639.3	410.6	421.5	432.3	505.5	578.5	699.6	699.2
82.5°	2146.2	1319.7	493.3	393.2	293.5	295.3	297.5	351.4	405.2	508.5	514.2
85°	944.3	593.7	243.1	210.2	177.4	176.5	175.4	214.8	254.3	331.1	338.6
87.5°	292.3	194.4	96.6	87.1	77.8	76.8	75.8	91.9	108.1	140.0	149.5
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3480.3	3454.4	3430.8	3407.4	3386.9	3366.4	3345.7	3325.2	3309.2	3293.2	3280.3
5°	3426.2	3376.9	3335.5	3294.2	3257.9	3221.4	3188.4	3155.2	3129.7	3104.2	3086.4
7.5°	3398.7	3333.3	3279.0	3224.5	3178.7	3132.8	3092.2	3051.8	3021.5	2991.4	2970.1
10°	3400.6	3331.6	3277.1	3222.8	3173.4	3123.9	3078.4	3032.9	2996.7	2960.3	2936.7
12.5°	3419.9	3363.6	3327.5	3291.6	3252.7	3214.1	3166.8	3119.8	3073.6	3027.3	2996.8
15°	3420.4	3393.6	3398.5	3403.3	3393.3	3383.2	3342.3	3301.3	3235.5	3169.7	3123.3
17.5°	3369.1	3378.9	3438.2	3497.4	3529.0	3560.3	3527.3	3494.4	3407.3	3320.1	3251.6
20°	3261.2	3307.5	3410.4	3513.5	3579.4	3645.4	3630.1	3614.8	3515.1	3415.6	3331.6
22.5°	3119.8	3188.3	3305.7	3423.5	3509.3	3595.1	3604.3	3613.4	3518.2	3423.1	3336.6
25°	2971.7	3050.5	3156.2	3262.0	3346.4	3430.8	3462.3	3493.7	3415.7	3337.8	3260.8
27.5°	2830.2	2906.4	2993.2	3080.0	3147.7	3215.4	3250.5	3285.7	3230.1	3174.6	3115.0
30°	2692.5	2753.1	2825.2	2897.3	2953.4	3009.7	3038.3	3066.8	3024.6	2982.1	2939.4
32.5°	2561.0	2596.7	2654.2	2711.9	2765.8	2819.8	2851.4	2883.2	2844.4	2805.3	2771.2
35°	2434.2	2444.1	2488.0	2531.8	2585.0	2638.6	2676.6	2714.6	2686.9	2659.3	2627.8
37.5°	2307.7	2296.8	2328.4	2359.8	2413.0	2466.3	2513.3	2560.3	2547.5	2534.7	2505.8
40°	2178.1	2153.5	2176.2	2198.9	2250.3	2301.7	2355.9	2410.1	2413.2	2416.2	2391.6
42.5°	2047.0	2014.4	2032.9	2051.5	2100.2	2149.0	2207.4	2266.0	2281.5	2297.2	2276.4
45°	1925.5	1893.8	1909.3	1925.1	1971.3	2017.5	2078.2	2138.8	2161.2	2183.7	2164.9
47.5°	1821.4	1794.8	1809.5	1824.1	1869.3	1914.5	1974.3	2034.1	2059.9	2085.8	2072.8
50°	1728.4	1704.8	1727.6	1750.6	1793.3	1835.9	1889.5	1943.0	1976.2	2009.4	2008.6
52.5°	1656.9	1633.6	1668.1	1702.3	1741.5	1780.5	1830.4	1880.5	1919.7	1959.1	1966.2
55°	1605.3	1568.5	1617.2	1665.9	1708.1	1750.2	1794.0	1837.6	1879.2	1921.0	1930.8
57.5°	1565.6	1511.7	1564.3	1616.7	1666.1	1715.6	1758.9	1802.3	1844.3	1886.2	1896.1
60°	1528.2	1458.3	1504.4	1550.3	1607.2	1664.0	1708.0	1751.9	1794.2	1836.3	1847.2
62.5°	1485.6	1398.4	1427.7	1456.9	1523.1	1589.5	1636.4	1683.4	1721.9	1760.5	1771.0
65°	1427.4	1334.6	1345.8	1357.0	1427.9	1499.1	1544.0	1588.9	1622.8	1656.8	1667.6
67.5°	1348.8	1271.6	1268.0	1264.5	1330.0	1395.7	1438.3	1480.7	1510.1	1539.4	1549.9
70°	1251.7	1196.8	1184.6	1172.3	1230.0	1287.6	1324.4	1361.1	1387.5	1414.1	1424.1
72.5°	1136.0	1098.4	1080.5	1062.6	1108.0	1153.3	1186.4	1219.6	1245.6	1271.6	1283.6
75°	993.8	964.7	947.6	930.3	964.0	997.7	1027.8	1057.8	1081.5	1105.2	1117.7
77.5°	848.3	825.0	807.7	790.3	817.7	845.0	870.8	896.8	921.6	946.4	958.1
80°	679.7	660.1	645.5	630.9	653.7	676.5	698.2	720.0	738.8	757.6	773.2
82.5°	504.7	495.2	484.8	474.6	472.6	470.7	463.1	455.5	495.8	536.0	562.4
85°	328.4	318.2	306.6	295.1	285.3	275.3	254.3	233.2	270.8	308.6	341.3
87.5°	145.4	141.4	139.2	137.0	136.6	136.2	120.2	104.0	119.8	135.7	148.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3267.4	3257.3	3247.2	3238.0	3228.6	3217.1	3228.6	3238.0	3247.2	3257.3	3267.4
5°	3068.5	3055.9	3043.3	3033.6	3024.0	3014.4	3024.0	3033.6	3043.3	3055.9	3068.5
7.5°	2948.9	2934.4	2919.9	2911.3	2902.7	2896.1	2902.7	2911.3	2919.9	2934.4	2948.9
10°	2912.7	2899.0	2885.3	2878.0	2870.6	2867.6	2870.6	2878.0	2885.3	2899.0	2912.7
12.5°	2966.1	2950.9	2935.6	2929.3	2923.1	2922.0	2923.1	2929.3	2935.6	2950.9	2966.1
15°	3076.7	3055.4	3034.2	3026.0	3017.9	3017.2	3017.9	3026.0	3034.2	3055.4	3076.7
17.5°	3183.0	3151.6	3119.8	3109.5	3099.1	3097.4	3099.1	3109.5	3119.8	3151.6	3183.0
20°	3247.6	3207.2	3166.7	3153.8	3140.9	3136.8	3140.9	3153.8	3166.7	3207.2	3247.6
22.5°	3250.0	3207.4	3164.7	3150.4	3136.2	3130.0	3136.2	3150.4	3164.7	3207.4	3250.0
25°	3184.2	3147.2	3110.4	3096.8	3083.5	3075.6	3083.5	3096.8	3110.4	3147.2	3184.2
27.5°	3055.2	3030.5	3005.6	2999.6	2993.4	2991.4	2993.4	2999.6	3005.6	3030.5	3055.2
30°	2896.4	2883.8	2871.0	2871.0	2871.0	2873.1	2871.0	2871.0	2871.0	2883.8	2896.4
32.5°	2737.1	2728.8	2720.5	2721.6	2722.8	2724.9	2722.8	2721.6	2720.5	2728.8	2737.1
35°	2596.3	2583.7	2571.2	2568.4	2565.8	2564.4	2565.8	2568.4	2571.2	2583.7	2596.3
37.5°	2476.7	2453.7	2430.9	2418.8	2406.7	2399.8	2406.7	2418.8	2430.9	2453.7	2476.7
40°	2366.9	2333.5	2300.3	2277.8	2255.5	2242.2	2255.5	2277.8	2300.3	2333.5	2366.9
42.5°	2255.7	2214.3	2172.8	2140.0	2107.3	2085.8	2107.3	2140.0	2172.8	2214.3	2255.7
45°	2146.2	2098.8	2051.5	2013.0	1974.6	1949.9	1974.6	2013.0	2051.5	2098.8	2146.2
47.5°	2059.6	2017.5	1975.4	1939.7	1904.2	1880.5	1904.2	1939.7	1975.4	2017.5	2059.6
50°	2008.0	1974.3	1940.5	1907.6	1874.7	1851.9	1874.7	1907.6	1940.5	1974.3	2008.0
52.5°	1973.2	1945.8	1918.3	1888.8	1859.4	1838.3	1859.4	1888.8	1918.3	1945.8	1973.2
55°	1940.5	1916.6	1892.7	1866.8	1841.0	1822.0	1841.0	1866.8	1892.7	1916.6	1940.5
57.5°	1906.0	1881.8	1857.6	1832.1	1806.4	1786.7	1806.4	1832.1	1857.6	1881.8	1906.0
60°	1858.0	1834.3	1810.9	1784.5	1758.1	1737.7	1758.1	1784.5	1810.9	1834.3	1858.0
62.5°	1781.4	1760.1	1738.8	1711.0	1683.4	1658.9	1683.4	1711.0	1738.8	1760.1	1781.4
65°	1678.1	1657.6	1637.1	1610.2	1583.4	1562.3	1583.4	1610.2	1637.1	1657.6	1678.1
67.5°	1560.3	1541.4	1522.6	1497.6	1472.5	1453.6	1472.5	1497.6	1522.6	1541.4	1560.3
70°	1434.2	1418.8	1403.5	1379.5	1355.7	1333.8	1355.7	1379.5	1403.5	1418.8	1434.2
72.5°	1295.5	1282.8	1270.0	1247.1	1224.5	1203.4	1224.5	1247.1	1270.0	1282.8	1295.5
75°	1130.2	1123.9	1117.7	1098.5	1079.3	1059.2	1079.3	1098.5	1117.7	1123.9	1130.2
77.5°	969.8	961.0	952.0	932.7	913.5	897.4	913.5	932.7	952.0	961.0	969.8
80°	788.6	784.8	781.2	755.2	729.1	698.8	729.1	755.2	781.2	784.8	788.6
82.5°	588.8	587.1	585.4	563.4	541.4	522.1	541.4	563.4	585.4	587.1	588.8
85°	373.9	371.2	368.5	351.4	334.3	316.8	334.3	351.4	368.5	371.2	373.9
87.5°	162.1	158.8	155.3	146.6	137.6	129.1	137.6	146.6	155.3	158.8	162.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P969773
 CATALOG NUMBER: NAV-SB6A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3280.3	3293.2	3309.2	3325.2	3345.7	3366.4	3386.9	3407.4	3430.8	3454.4	3480.3
5°	3086.4	3104.2	3129.7	3155.2	3188.4	3221.4	3257.9	3294.2	3335.5	3376.9	3426.2
7.5°	2970.1	2991.4	3021.5	3051.8	3092.2	3132.8	3178.7	3224.5	3279.0	3333.3	3398.7
10°	2936.7	2960.3	2996.7	3032.9	3078.4	3123.9	3173.4	3222.8	3277.1	3331.6	3400.6
12.5°	2996.8	3027.3	3073.6	3119.8	3166.8	3214.1	3252.7	3291.6	3327.5	3363.6	3419.9
15°	3123.3	3169.7	3235.5	3301.3	3342.3	3383.2	3393.3	3403.3	3398.5	3393.6	3420.4
17.5°	3251.6	3320.1	3407.3	3494.4	3527.3	3560.3	3529.0	3497.4	3438.2	3378.9	3369.1
20°	3331.6	3415.6	3515.1	3614.8	3630.1	3645.4	3579.4	3513.5	3410.4	3307.5	3261.2
22.5°	3336.6	3423.1	3518.2	3613.4	3604.3	3595.1	3509.3	3423.5	3305.7	3188.3	3119.8
25°	3260.8	3337.8	3415.7	3493.7	3462.3	3430.8	3346.4	3262.0	3156.2	3050.5	2971.7
27.5°	3115.0	3174.6	3230.1	3285.7	3250.5	3215.4	3147.7	3080.0	2993.2	2906.4	2830.2
30°	2939.4	2982.1	3024.6	3066.8	3038.3	3009.7	2953.4	2897.3	2825.2	2753.1	2692.5
32.5°	2771.2	2805.3	2844.4	2883.2	2851.4	2819.8	2765.8	2711.9	2654.2	2596.7	2561.0
35°	2627.8	2659.3	2686.9	2714.6	2676.6	2638.6	2585.0	2531.8	2488.0	2444.1	2434.2
37.5°	2505.8	2534.7	2547.5	2560.3	2513.3	2466.3	2413.0	2359.8	2328.4	2296.8	2307.7
40°	2391.6	2416.2	2413.2	2410.1	2355.9	2301.7	2250.3	2198.9	2176.2	2153.5	2178.1
42.5°	2276.4	2297.2	2281.5	2266.0	2207.4	2149.0	2100.2	2051.5	2032.9	2014.4	2047.0
45°	2164.9	2183.7	2161.2	2138.8	2078.2	2017.5	1971.3	1925.1	1909.3	1893.8	1925.5
47.5°	2072.8	2085.8	2059.9	2034.1	1974.3	1914.5	1869.3	1824.1	1809.5	1794.8	1821.4
50°	2008.6	2009.4	1976.2	1943.0	1889.5	1835.9	1793.3	1750.6	1727.6	1704.8	1728.4
52.5°	1966.2	1959.1	1919.7	1880.5	1830.4	1780.5	1741.5	1702.3	1668.1	1633.6	1656.9
55°	1930.8	1921.0	1879.2	1837.6	1794.0	1750.2	1708.1	1665.9	1617.2	1568.5	1605.3
57.5°	1896.1	1886.2	1844.3	1802.3	1758.9	1715.6	1666.1	1616.7	1564.3	1511.7	1565.6
60°	1847.2	1836.3	1794.2	1751.9	1708.0	1664.0	1607.2	1550.3	1504.4	1458.3	1528.2
62.5°	1771.0	1760.5	1721.9	1683.4	1636.4	1589.5	1523.1	1456.9	1427.7	1398.4	1485.6
65°	1667.6	1656.8	1622.8	1588.9	1544.0	1499.1	1427.9	1357.0	1345.8	1334.6	1427.4
67.5°	1549.9	1539.4	1510.1	1480.7	1438.3	1395.7	1330.0	1264.5	1268.0	1271.6	1348.8
70°	1424.1	1414.1	1387.5	1361.1	1324.4	1287.6	1230.0	1172.3	1184.6	1196.8	1251.7
72.5°	1283.6	1271.6	1245.6	1219.6	1186.4	1153.3	1108.0	1062.6	1080.5	1098.4	1136.0
75°	1117.7	1105.2	1081.5	1057.8	1027.8	997.7	964.0	930.3	947.6	964.7	993.8
77.5°	958.1	946.4	921.6	896.8	870.8	845.0	817.7	790.3	807.7	825.0	848.3
80°	773.2	757.6	738.8	720.0	698.2	676.5	653.7	630.9	645.5	660.1	679.7
82.5°	562.4	536.0	495.8	455.5	463.1	470.7	472.6	474.6	484.8	495.2	504.7
85°	341.3	308.6	270.8	233.2	254.3	275.3	285.3	295.1	306.6	318.2	328.4
87.5°	148.9	135.7	119.8	104.0	120.2	136.2	136.6	137.0	139.2	141.4	145.4
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: P969773
 CATALOG NUMBER: NAV-SB6A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3506.4	3538.6	3567.6	3597.5	3627.4	3658.7	3690.0	3721.0	3752.1	3781.3	3810.5
5°	3475.4	3531.8	3588.9	3649.4	3710.0	3774.7	3839.5	3903.8	3968.3	4032.9	4097.4
7.5°	3464.3	3537.3	3615.2	3699.6	3784.1	3879.9	3975.8	4074.2	4172.7	4279.2	4385.8
10°	3469.7	3548.1	3644.3	3744.3	3844.2	3960.7	4077.0	4207.1	4337.2	4472.0	4606.7
12.5°	3476.5	3549.5	3650.5	3763.5	3876.6	4013.8	4151.1	4298.5	4445.9	4593.9	4742.0
15°	3447.5	3506.0	3617.9	3748.7	3879.5	4037.7	4195.7	4355.6	4515.5	4669.9	4824.3
17.5°	3359.1	3395.2	3526.8	3684.2	3841.4	4025.0	4208.5	4383.0	4557.5	4714.0	4870.5
20°	3215.0	3224.5	3377.8	3572.7	3767.7	3990.2	4212.6	4404.3	4596.1	4758.9	4921.4
22.5°	3051.4	3032.9	3207.2	3442.1	3676.9	3947.5	4218.1	4433.2	4648.2	4814.4	4980.6
25°	2892.8	2842.4	3021.3	3296.2	3571.3	3905.4	4239.6	4485.4	4731.1	4893.9	5056.7
27.5°	2754.1	2692.9	2855.6	3162.8	3469.9	3877.2	4284.4	4567.0	4849.4	5004.8	5160.1
30°	2632.1	2584.1	2720.8	3051.3	3381.9	3864.0	4345.9	4672.7	4999.3	5149.3	5299.5
32.5°	2525.3	2503.9	2614.1	2955.2	3296.2	3847.6	4398.9	4782.9	5166.9	5315.3	5464.0
35°	2424.3	2433.1	2525.0	2860.7	3196.4	3817.0	4437.8	4908.5	5379.3	5521.7	5663.8
37.5°	2318.5	2350.9	2431.2	2749.5	3067.7	3764.3	4460.9	5049.3	5637.6	5819.0	6000.3
40°	2202.7	2252.3	2325.1	2616.7	2908.4	3691.8	4475.5	5227.9	5980.3	6244.6	6509.0
42.5°	2079.6	2142.2	2209.3	2470.4	2731.4	3617.1	4503.0	5461.7	6420.3	6801.8	7183.3
45°	1957.3	2017.8	2085.8	2314.8	2543.7	3547.6	4551.6	5769.2	6986.8	7501.5	8016.1
47.5°	1848.1	1900.1	1987.9	2191.8	2395.5	3490.2	4584.9	6096.9	7608.9	8333.4	9057.7
50°	1751.9	1812.5	1927.8	2110.0	2292.2	3427.7	4563.2	6400.9	8238.7	9330.9	10422.8
52.5°	1680.3	1764.9	1897.5	2056.1	2214.9	3322.0	4429.2	6598.3	8767.3	10378.6	11989.8
55°	1642.3	1769.7	1893.0	2017.1	2141.2	3146.9	4152.6	6554.9	8957.1	11307.6	13658.2
57.5°	1619.4	1774.4	1883.2	1970.9	2058.6	2899.9	3741.2	6248.7	8756.3	11966.0	15175.6
60°	1598.0	1759.4	1831.3	1900.1	1969.1	2579.3	3189.6	5678.8	8168.0	12130.5	16092.8
62.5°	1572.9	1722.7	1731.6	1777.2	1823.1	2195.7	2568.2	4908.2	7248.3	11437.7	15627.0
65°	1520.2	1634.4	1633.2	1654.9	1676.5	1850.4	2024.4	4122.0	6220.0	10457.5	14695.0
67.5°	1426.1	1490.2	1493.2	1481.2	1469.1	1518.6	1568.0	3352.0	5135.9	9291.0	13446.2
70°	1306.7	1327.8	1327.8	1271.8	1215.9	1201.8	1187.7	2639.2	4090.7	8018.2	11945.7
72.5°	1173.7	1173.4	1160.1	1080.9	1001.4	958.7	916.1	2017.7	3119.2	6638.3	10157.6
75°	1022.7	1028.0	966.5	877.5	788.6	750.0	711.3	1464.4	2217.4	5056.6	7895.8
77.5°	871.6	874.3	773.0	686.6	600.3	573.9	547.7	992.3	1436.9	3539.2	5641.4
80°	699.2	699.6	578.5	505.5	432.3	421.5	410.6	639.3	868.2	2280.2	3692.3
82.5°	514.2	508.5	405.2	351.4	297.5	295.3	293.5	393.2	493.3	1319.7	2146.2
85°	338.6	331.1	254.3	214.8	175.4	176.5	177.4	210.2	243.1	593.7	944.3
87.5°	149.5	140.0	108.1	91.9	75.8	76.8	77.8	87.1	96.6	194.4	292.3
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: P969773
 CATALOG NUMBER: NAV-SB6A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3825.0	3839.5	3860.0	3880.5	3892.8	3905.0	3911.2	3917.3	3914.6	3917.3	3911.2
5°	4147.9	4198.5	4248.5	4298.7	4325.9	4353.1	4369.6	4386.2	4398.7	4386.2	4369.6
7.5°	4467.9	4549.9	4623.7	4697.5	4742.0	4786.4	4810.5	4834.4	4846.0	4834.4	4810.5
10°	4703.7	4800.9	4887.5	4974.1	5026.6	5078.8	5102.1	5125.4	5134.2	5125.4	5102.1
12.5°	4847.2	4952.3	5030.6	5108.7	5146.7	5184.9	5197.6	5210.4	5211.7	5210.4	5197.6
15°	4915.1	5005.8	5054.8	5104.1	5105.4	5106.8	5093.2	5079.6	5063.5	5079.6	5093.2
17.5°	4931.8	4993.1	4994.1	4994.8	4939.8	4884.7	4834.3	4783.7	4748.1	4783.7	4834.3
20°	4942.8	4964.3	4899.7	4835.1	4713.6	4592.0	4503.4	4415.0	4360.6	4415.0	4503.4
22.5°	4952.6	4924.6	4790.7	4657.0	4478.2	4299.4	4188.7	4078.1	4017.9	4078.1	4188.7
25°	4968.4	4880.0	4676.9	4473.7	4256.5	4039.4	3923.0	3807.0	3750.1	3807.0	3923.0
27.5°	5002.1	4843.9	4574.9	4305.9	4065.3	3824.6	3710.1	3595.7	3542.0	3595.7	3710.1
30°	5063.8	4828.3	4497.1	4165.9	3915.1	3664.4	3558.2	3452.0	3402.0	3452.0	3558.2
32.5°	5141.3	4818.8	4444.1	4069.4	3833.7	3598.1	3514.7	3431.2	3395.2	3431.2	3514.7
35°	5269.0	4874.3	4483.8	4093.4	3929.6	3766.2	3746.7	3727.2	3724.2	3727.2	3746.7
37.5°	5535.9	5071.4	4716.5	4361.7	4351.0	4340.5	4429.3	4518.3	4564.5	4518.3	4429.3
40°	6003.7	5498.6	5234.8	4970.8	5157.1	5343.3	5559.6	5775.8	5883.4	5775.8	5559.6
42.5°	6682.2	6181.0	6028.9	5876.9	6283.1	6689.5	7082.7	7475.9	7706.8	7475.9	7082.7
45°	7565.9	7115.7	7048.6	6981.4	7632.3	8283.3	8929.5	9575.8	9968.0	9575.8	8929.5
47.5°	8619.7	8181.7	8168.0	8154.4	9093.4	10032.2	10978.2	11923.9	12479.4	11923.9	10978.2
50°	9881.8	9340.9	9343.2	9345.5	10555.7	11765.8	13014.4	14263.1	15017.9	14263.1	13014.4
52.5°	11334.8	10679.8	10613.6	10547.2	11992.7	13438.3	14983.1	16527.9	17432.8	16527.9	14983.1
55°	13011.0	12363.8	12105.6	11847.4	13456.2	15064.8	16906.6	18748.3	19824.5	18748.3	16906.6
57.5°	14823.2	14470.6	13952.7	13435.0	15059.4	16683.8	18769.9	20855.9	22190.4	20855.9	18769.9
60°	16640.2	17187.7	16544.6	15901.4	17438.7	18976.0	21209.5	23443.0	24885.4	23443.0	21209.5
62.5°	17122.9	18618.7	18546.2	18473.7	19881.9	21290.3	23415.2	25540.0	26873.2	25540.0	23415.2
65°	16098.9	17502.8	17780.6	18058.2	19847.9	21637.6	23698.2	25758.6	26893.6	25758.6	23698.2
67.5°	14781.3	16116.6	16246.9	16376.9	18241.6	20106.2	22175.6	24244.9	25134.1	24244.9	22175.6
70°	13398.0	14850.4	14908.6	14966.9	16634.5	18301.9	20082.7	21863.4	22357.6	21863.4	20082.7
72.5°	11824.3	13490.9	13532.9	13574.6	14879.2	16183.9	17517.7	18851.2	18901.3	18851.2	17517.7
75°	9620.8	11345.6	11500.5	11655.4	12670.4	13685.4	14624.3	15563.2	15311.7	15563.2	14624.3
77.5°	7251.6	8861.8	9083.6	9305.2	10076.8	10848.4	11514.2	12180.3	11747.8	12180.3	11514.2
80°	5047.0	6401.5	6677.0	6952.5	7535.2	8117.7	8467.4	8817.0	8121.5	8817.0	8467.4
82.5°	3072.4	3998.6	4306.3	4614.1	5015.2	5416.4	5562.3	5708.0	5161.5	5708.0	5562.3
85°	1435.8	1927.4	2189.1	2450.9	2780.4	3110.0	3192.8	3275.5	2837.7	3275.5	3192.8
87.5°	457.6	622.8	768.7	914.8	1079.6	1244.5	1251.4	1258.4	1056.5	1258.4	1251.4
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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 CATALOG NUMBER: NAV-SB6A-727-U-SLR

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4	3543.4
2.5°	3905.0	3892.8	3880.5	3860.0	3839.5	3825.0	3810.5
5°	4353.1	4325.9	4298.7	4248.5	4198.5	4147.9	4097.4
7.5°	4786.4	4742.0	4697.5	4623.7	4549.9	4467.9	4385.8
10°	5078.8	5026.6	4974.1	4887.5	4800.9	4703.7	4606.7
12.5°	5184.9	5146.7	5108.7	5030.6	4952.3	4847.2	4742.0
15°	5106.8	5105.4	5104.1	5054.8	5005.8	4915.1	4824.3
17.5°	4884.7	4939.8	4994.8	4994.1	4993.1	4931.8	4870.5
20°	4592.0	4713.6	4835.1	4899.7	4964.3	4942.8	4921.4
22.5°	4299.4	4478.2	4657.0	4790.7	4924.6	4952.6	4980.6
25°	4039.4	4256.5	4473.7	4676.9	4880.0	4968.4	5056.7
27.5°	3824.6	4065.3	4305.9	4574.9	4843.9	5002.1	5160.1
30°	3664.4	3915.1	4165.9	4497.1	4828.3	5063.8	5299.5
32.5°	3598.1	3833.7	4069.4	4444.1	4818.8	5141.3	5464.0
35°	3766.2	3929.6	4093.4	4483.8	4874.3	5269.0	5663.8
37.5°	4340.5	4351.0	4361.7	4716.5	5071.4	5535.9	6000.3
40°	5343.3	5157.1	4970.8	5234.8	5498.6	6003.7	6509.0
42.5°	6689.5	6283.1	5876.9	6028.9	6181.0	6682.2	7183.3
45°	8283.3	7632.3	6981.4	7048.6	7115.7	7565.9	8016.1
47.5°	10032.2	9093.4	8154.4	8168.0	8181.7	8619.7	9057.7
50°	11765.8	10555.7	9345.5	9343.2	9340.9	9881.8	10422.8
52.5°	13438.3	11992.7	10547.2	10613.6	10679.8	11334.8	11989.8
55°	15064.8	13456.2	11847.4	12105.6	12363.8	13011.0	13658.2
57.5°	16683.8	15059.4	13435.0	13952.7	14470.6	14823.2	15175.6
60°	18976.0	17438.7	15901.4	16544.6	17187.7	16640.2	16092.8
62.5°	21290.3	19881.9	18473.7	18546.2	18618.7	17122.9	15627.0
65°	21637.6	19847.9	18058.2	17780.6	17502.8	16098.9	14695.0
67.5°	20106.2	18241.6	16376.9	16246.9	16116.6	14781.3	13446.2
70°	18301.9	16634.5	14966.9	14908.6	14850.4	13398.0	11945.7
72.5°	16183.9	14879.2	13574.6	13532.9	13490.9	11824.3	10157.6
75°	13685.4	12670.4	11655.4	11500.5	11345.6	9620.8	7895.8
77.5°	10848.4	10076.8	9305.2	9083.6	8861.8	7251.6	5641.4
80°	8117.7	7535.2	6952.5	6677.0	6401.5	5047.0	3692.3
82.5°	5416.4	5015.2	4614.1	4306.3	3998.6	3072.4	2146.2
85°	3110.0	2780.4	2450.9	2189.1	1927.4	1435.8	944.3
87.5°	1244.5	1079.6	914.8	768.7	622.8	457.6	292.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)