

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: McGRAW-EDISON

Report Number: P947446

Luminaire Tested: **GALN-SB2D-750-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947446
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: McGRAW-EDISON
Catalog Number: GALN-SB2D-750-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 5000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21453 lumens
Efficiency: N/A
Efficacy: 145.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

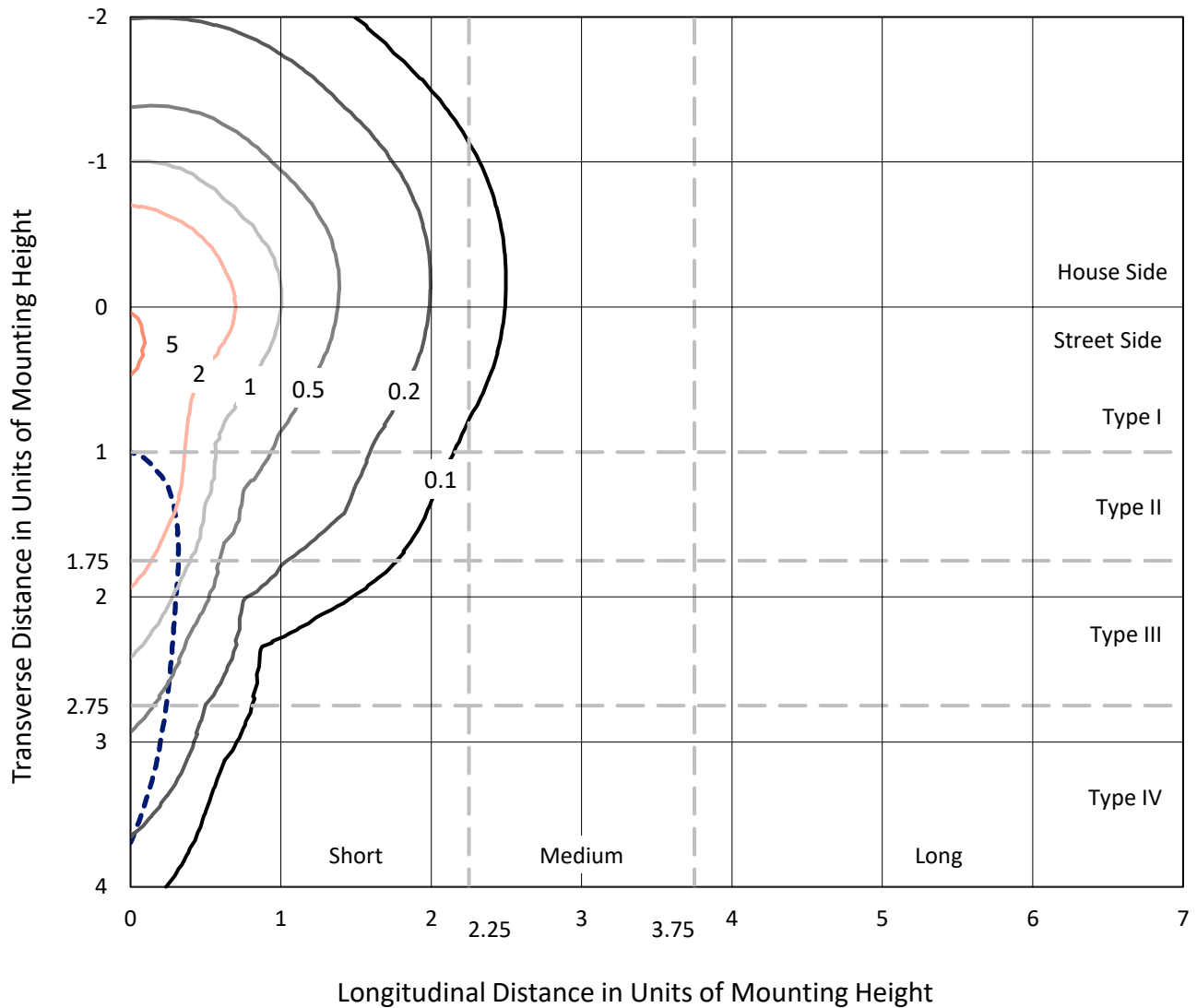
Input Watts (W): 147.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

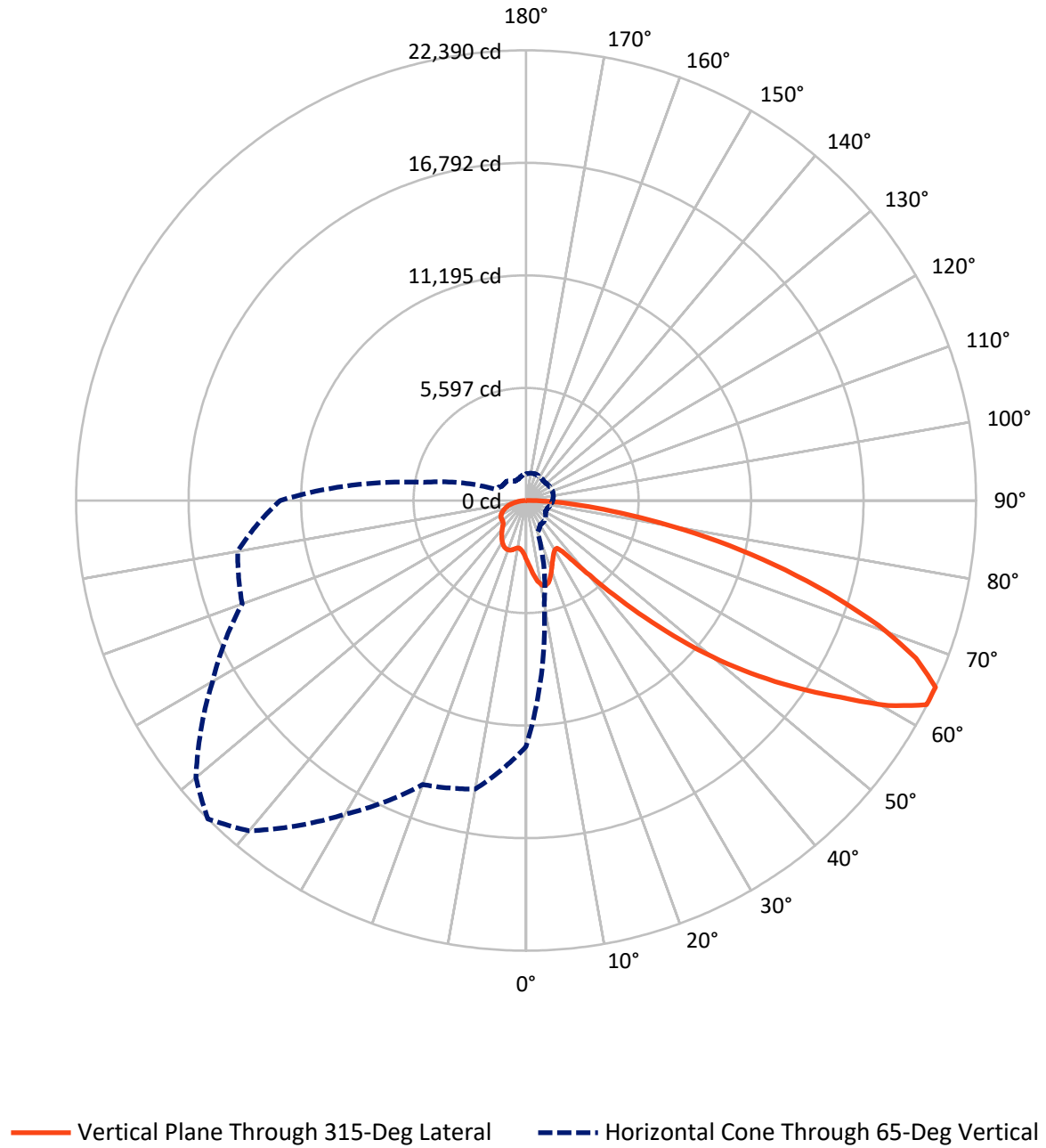
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5452.3	0.0	5452.3
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	16000.7	0.0	16000.7
	% Fixture	74.6	0.0	74.6
Total	Lumens	21453.0	0.0	21453.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.6	1.4
10°-20°	918.6	4.3
20°-30°	1419.0	6.6
30°-40°	1798.2	8.4
40°-50°	2712.2	12.6
50°-60°	4381.9	20.4
60°-70°	5462.7	25.5
70°-80°	3582.2	16.7
80°-90°	885.6	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°	21453.0	100.0
0°-180°	21453.0	100.0



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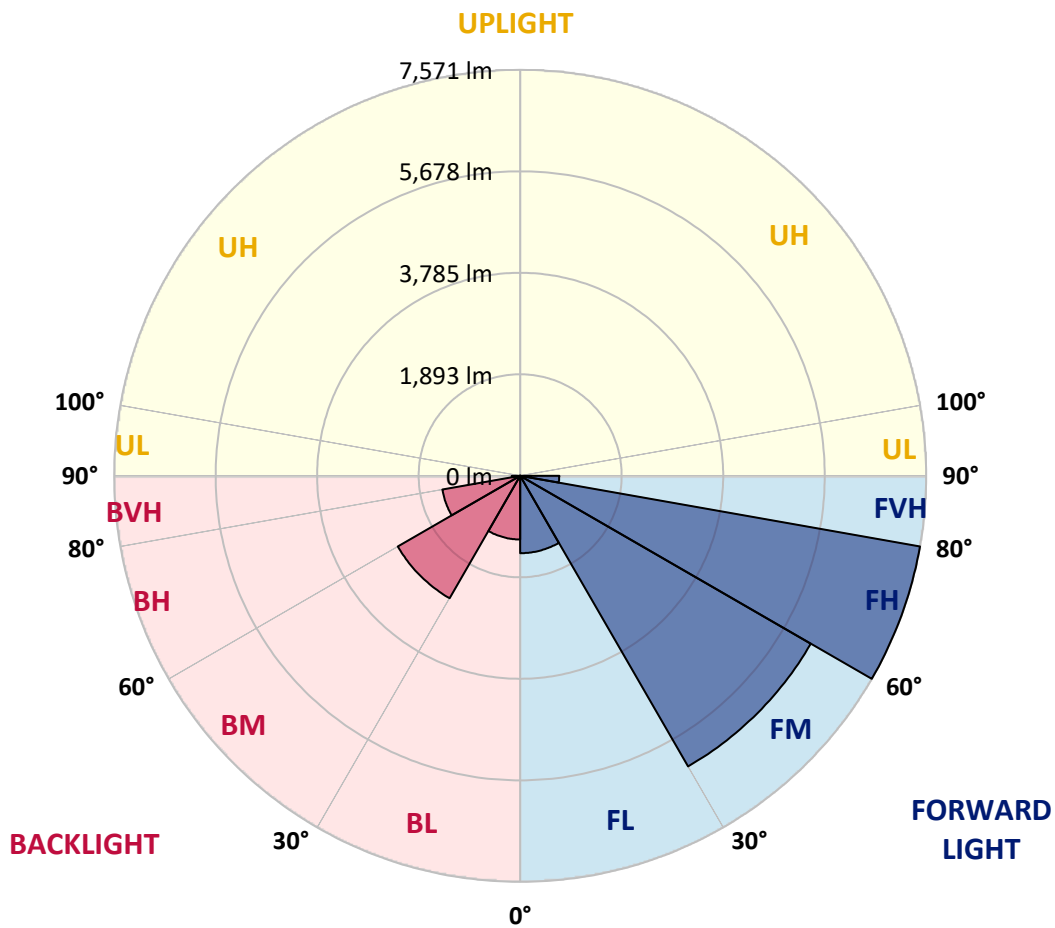
CATALOG NUMBER: GALN-SB2D-750-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1443.0	6.7			
FM (30°-60°)	6257.4	29.2			
FH (60°-80°)	7570.9	35.3			G4/12000
FVH (80°-90°)	729.5	3.4			G4/750
BL (0°-30°)	1187.3	5.5	B3/2500		
BM (30°-60°)	2634.9	12.3	B3/5000		
BH (60°-80°)	1474.0	6.9	B3/2500		G3/2500
BVH (80°-90°)	156.1	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
2.5°	3172.4	3148.1	3123.7	3097.8	3072.0	3046.0	3019.9	2995.0	2970.1	2946.0
5°	3411.3	3357.5	3303.7	3250.1	3196.5	3142.5	3088.6	3038.3	2987.9	2940.4
7.5°	3651.2	3562.5	3473.9	3391.9	3309.9	3230.1	3150.3	3080.0	3009.7	2944.9
10°	3835.2	3723.0	3610.8	3502.5	3394.3	3297.4	3200.4	3117.3	3034.0	2953.9
12.5°	3947.8	3824.5	3701.4	3578.7	3456.0	3341.6	3227.3	3133.2	3039.2	2955.1
15°	4016.3	3887.8	3759.3	3626.2	3493.1	3361.5	3229.8	3120.9	3012.0	2918.8
17.5°	4054.8	3924.5	3794.2	3649.0	3503.7	3350.9	3198.1	3067.1	2936.2	2826.6
20°	4097.2	3961.9	3826.4	3666.7	3507.1	3321.9	3136.8	2974.4	2812.1	2684.5
22.5°	4146.5	4008.2	3869.7	3690.7	3511.7	3286.4	3061.1	2865.6	2670.1	2524.9
25°	4209.9	4074.3	3938.8	3734.2	3529.6	3251.3	2973.2	2744.2	2515.3	2366.4
27.5°	4295.9	4166.6	4037.3	3802.1	3566.9	3227.9	2888.8	2633.1	2377.4	2241.9
30°	4411.9	4287.0	4162.1	3890.1	3618.1	3216.9	2815.5	2540.3	2265.1	2151.4
32.5°	4548.9	4425.2	4301.6	3981.9	3662.2	3203.3	2744.2	2460.3	2176.3	2084.6
35°	4715.3	4596.9	4478.4	4086.5	3694.6	3177.7	2661.1	2381.6	2102.1	2025.7
37.5°	4995.5	4844.5	4693.5	4203.7	3713.8	3133.9	2554.0	2289.0	2024.0	1957.2
40°	5418.8	5198.8	4978.7	4352.4	3726.0	3073.6	2421.3	2178.5	1935.7	1875.1
42.5°	5980.3	5662.7	5345.0	4547.0	3748.9	3011.3	2273.9	2056.6	1839.3	1783.5
45°	6673.7	6245.2	5816.7	4803.0	3789.3	2953.5	2117.7	1927.1	1736.5	1679.9
47.5°	7540.8	6937.8	6334.6	5075.9	3817.1	2905.7	1994.3	1824.7	1655.0	1582.0
50°	8677.3	7768.2	6859.0	5329.0	3799.0	2853.6	1908.3	1756.6	1604.9	1508.9
52.5°	9981.9	8640.5	7299.1	5493.3	3687.5	2765.7	1844.0	1711.8	1579.7	1469.3
55°	11370.9	9413.9	7457.0	5457.1	3457.1	2619.9	1782.7	1679.3	1576.0	1473.3
57.5°	12634.2	9962.0	7289.8	5202.2	3114.7	2414.3	1713.8	1640.8	1567.8	1477.3
60°	13397.7	10099.0	6800.1	4727.8	2655.4	2147.4	1639.4	1582.0	1524.6	1464.8
62.5°	13010.0	9522.2	6034.4	4086.3	2138.1	1827.9	1517.8	1479.6	1441.6	1434.2
65°	12234.0	8706.2	5178.3	3431.7	1685.3	1540.5	1395.7	1377.7	1359.7	1360.7
67.5°	11194.3	7735.0	4275.8	2790.6	1305.4	1264.3	1223.1	1233.2	1243.2	1240.7
70°	9945.1	6675.4	3405.6	2197.2	988.8	1000.6	1012.2	1058.9	1105.4	1105.4
72.5°	8456.5	5526.6	2596.8	1679.8	762.7	798.2	833.7	899.8	965.8	976.9
75°	6573.5	4209.8	1846.1	1219.2	592.3	624.4	656.6	730.6	804.6	855.8
77.5°	4696.6	2946.5	1196.3	826.1	456.0	477.8	499.8	571.7	643.5	727.9
80°	3073.9	1898.4	722.8	532.3	341.9	350.9	360.0	420.9	481.7	582.4
82.5°	1786.9	1098.7	410.7	327.4	244.3	245.9	247.7	292.5	337.3	423.4
85°	786.2	494.2	202.4	175.0	147.7	146.9	146.0	178.9	211.7	275.6
87.5°	243.4	161.9	80.4	72.6	64.7	64.0	63.2	76.5	90.0	116.6
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
2919.2	2.5°	2897.4	2875.8	2856.2	2836.8	2819.7	2802.6	2785.4	2768.3	2755.0	2741.7
2893.4	5°	2852.4	2811.3	2776.9	2742.6	2712.3	2681.9	2654.4	2626.8	2605.6	2584.3
2884.1	7.5°	2829.5	2775.1	2729.8	2684.5	2646.4	2608.1	2574.4	2540.8	2515.5	2490.4
2888.6	10°	2831.1	2773.6	2728.3	2683.0	2642.0	2600.8	2562.8	2524.9	2494.8	2464.6
2894.3	12.5°	2847.2	2800.3	2770.2	2740.3	2708.0	2675.8	2636.5	2597.4	2558.9	2520.4
2870.2	15°	2847.6	2825.2	2829.3	2833.4	2825.0	2816.6	2782.6	2748.5	2693.7	2638.9
2796.6	17.5°	2804.9	2813.0	2862.4	2911.7	2938.0	2964.1	2936.6	2909.2	2836.7	2764.1
2676.6	20°	2715.1	2753.6	2839.3	2925.1	2980.0	3034.9	3022.2	3009.4	2926.4	2843.6
2540.4	22.5°	2597.4	2654.3	2752.1	2850.1	2921.6	2993.0	3000.7	3008.3	2929.0	2849.8
2408.3	25°	2474.0	2539.6	2627.6	2715.6	2785.9	2856.2	2882.5	2908.7	2843.7	2778.8
2292.9	27.5°	2356.2	2419.6	2492.0	2564.2	2620.6	2676.9	2706.1	2735.5	2689.2	2643.0
2191.3	30°	2241.6	2292.1	2352.1	2412.0	2458.8	2505.7	2529.4	2553.2	2518.0	2482.7
2102.3	32.5°	2132.1	2161.9	2209.8	2257.8	2302.6	2347.5	2373.9	2400.4	2368.0	2335.5
2018.3	35°	2026.5	2034.8	2071.3	2107.8	2152.1	2196.6	2228.3	2260.0	2236.9	2214.0
1930.3	37.5°	1921.2	1912.2	1938.4	1964.6	2008.8	2053.2	2092.4	2131.5	2120.9	2110.3
1833.8	40°	1813.3	1792.8	1811.8	1830.7	1873.4	1916.2	1961.3	2006.5	2009.1	2011.6
1731.4	42.5°	1704.2	1677.0	1692.4	1708.0	1748.5	1789.1	1837.8	1886.5	1899.5	1912.5
1629.5	45°	1603.0	1576.6	1589.5	1602.7	1641.2	1679.7	1730.1	1780.6	1799.3	1818.0
1538.6	47.5°	1516.4	1494.2	1506.5	1518.6	1556.3	1593.8	1643.7	1693.5	1715.0	1736.5
1458.6	50°	1438.9	1419.3	1438.3	1457.4	1493.0	1528.4	1573.0	1617.6	1645.2	1672.9
1398.9	52.5°	1379.4	1360.1	1388.7	1417.3	1449.9	1482.3	1523.9	1565.5	1598.3	1631.0
1367.2	55°	1336.4	1305.8	1346.4	1386.9	1422.0	1457.1	1493.6	1529.9	1564.5	1599.3
1348.2	57.5°	1303.4	1258.5	1302.2	1345.9	1387.1	1428.3	1464.3	1500.5	1535.4	1570.3
1330.3	60°	1272.2	1214.1	1252.4	1290.7	1338.0	1385.3	1421.9	1458.6	1493.7	1528.8
1309.5	62.5°	1236.8	1164.3	1188.6	1212.9	1268.1	1323.3	1362.4	1401.4	1433.6	1465.7
1265.6	65°	1188.4	1111.1	1120.4	1129.7	1188.8	1248.0	1285.4	1322.7	1351.0	1379.3
1187.2	67.5°	1122.9	1058.6	1055.7	1052.8	1107.3	1162.0	1197.4	1232.7	1257.2	1281.6
1087.8	70°	1042.1	996.4	986.2	976.0	1024.0	1072.0	1102.6	1133.1	1155.2	1177.3
977.1	72.5°	945.8	914.4	899.5	884.7	922.5	960.2	987.8	1015.4	1037.0	1058.6
851.5	75°	827.4	803.1	788.9	774.5	802.6	830.7	855.7	880.7	900.4	920.1
725.6	77.5°	706.3	686.9	672.4	657.9	680.8	703.5	725.0	746.5	767.3	787.9
582.1	80°	565.9	549.6	537.5	525.2	544.3	563.2	581.3	599.4	615.1	630.7
428.1	82.5°	420.2	412.3	403.7	395.1	393.5	391.9	385.6	379.2	412.7	446.2
281.9	85°	273.4	264.9	255.3	245.6	237.5	229.2	211.7	194.1	225.5	257.0
124.5	87.5°	121.1	117.7	115.9	114.1	113.8	113.4	100.1	86.6	99.7	113.0
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
2730.9	2.5°	2720.2	2711.8	2703.4	2695.7	2687.9	2678.3	2687.9	2695.7	2703.4	2711.8
2569.5	5°	2554.7	2544.2	2533.6	2525.6	2517.6	2509.6	2517.6	2525.6	2533.6	2544.2
2472.7	7.5°	2455.1	2443.0	2431.0	2423.7	2416.6	2411.1	2416.6	2423.7	2431.0	2443.0
2444.9	10°	2425.0	2413.5	2402.1	2396.0	2389.9	2387.4	2389.9	2396.0	2402.1	2413.5
2494.9	12.5°	2469.4	2456.6	2444.0	2438.8	2433.6	2432.7	2433.6	2438.8	2444.0	2456.6
2600.2	15°	2561.5	2543.7	2526.0	2519.2	2512.5	2511.9	2512.5	2519.2	2526.0	2543.7
2707.0	17.5°	2650.0	2623.7	2597.4	2588.8	2580.0	2578.7	2580.0	2588.8	2597.4	2623.7
2773.6	20°	2703.8	2670.1	2636.4	2625.7	2614.9	2611.5	2614.9	2625.7	2636.4	2670.1
2777.8	22.5°	2705.7	2670.3	2634.7	2622.8	2610.9	2605.8	2610.9	2622.8	2634.7	2670.3
2714.7	25°	2650.9	2620.1	2589.4	2578.2	2567.1	2560.6	2567.1	2578.2	2589.4	2620.1
2593.3	27.5°	2543.6	2523.0	2502.3	2497.2	2492.1	2490.4	2492.1	2497.2	2502.3	2523.0
2447.1	30°	2411.4	2400.8	2390.2	2390.2	2390.2	2391.9	2390.2	2390.2	2390.2	2400.8
2307.1	32.5°	2278.7	2271.8	2264.9	2265.8	2266.8	2268.5	2266.8	2265.8	2264.9	2271.8
2187.7	35°	2161.5	2151.0	2140.6	2138.3	2136.1	2134.9	2136.1	2138.3	2140.6	2151.0
2086.1	37.5°	2061.9	2042.8	2023.8	2013.7	2003.6	1998.0	2003.6	2013.7	2023.8	2042.8
1991.1	40°	1970.6	1942.7	1915.1	1896.3	1877.7	1866.7	1877.7	1896.3	1915.1	1942.7
1895.2	42.5°	1878.0	1843.4	1808.9	1781.6	1754.4	1736.5	1754.4	1781.6	1808.9	1843.4
1802.4	45°	1786.9	1747.3	1708.0	1675.9	1643.9	1623.3	1643.9	1675.9	1708.0	1747.3
1725.6	47.5°	1714.7	1679.7	1644.6	1614.9	1585.4	1565.5	1585.4	1614.9	1644.6	1679.7
1672.2	50°	1671.7	1643.7	1615.6	1588.2	1560.8	1541.8	1560.8	1588.2	1615.6	1643.7
1636.9	52.5°	1642.7	1619.9	1597.0	1572.5	1548.0	1530.5	1548.0	1572.5	1597.0	1619.9
1607.4	55°	1615.6	1595.7	1575.7	1554.2	1532.7	1516.9	1532.7	1554.2	1575.7	1595.7
1578.6	57.5°	1586.8	1566.7	1546.5	1525.2	1503.9	1487.4	1503.9	1525.2	1546.5	1566.7
1537.8	60°	1546.9	1527.2	1507.6	1485.6	1463.7	1446.7	1463.7	1485.6	1507.6	1527.2
1474.4	62.5°	1483.1	1465.4	1447.6	1424.5	1401.4	1381.0	1401.4	1424.5	1447.6	1465.4
1388.3	65°	1397.1	1380.0	1362.9	1340.5	1318.2	1300.7	1318.2	1340.5	1362.9	1380.0
1290.4	67.5°	1299.0	1283.2	1267.6	1246.8	1225.9	1210.1	1225.9	1246.8	1267.6	1283.2
1185.6	70°	1194.0	1181.2	1168.4	1148.5	1128.6	1110.5	1128.6	1148.5	1168.4	1181.2
1068.6	72.5°	1078.6	1067.9	1057.3	1038.3	1019.4	1001.8	1019.4	1038.3	1057.3	1067.9
930.5	75°	940.9	935.7	930.5	914.5	898.6	881.8	898.6	914.5	930.5	935.7
797.6	77.5°	807.3	800.1	792.6	776.5	760.5	747.1	760.5	776.5	792.6	800.1
643.7	80°	656.6	653.4	650.3	628.7	607.0	581.8	607.0	628.7	650.3	653.4
468.2	82.5°	490.2	488.8	487.3	469.1	450.8	434.7	450.8	469.1	487.3	488.8
284.1	85°	311.3	309.0	306.8	292.5	278.2	263.8	278.2	292.5	306.8	309.0
124.0	87.5°	134.9	132.2	129.3	122.0	114.6	107.5	114.6	122.0	129.3	132.2
0.0	90°	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: GALN-SB2D-750-U-SLR

CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
2720.2	2.5°	2730.9	2741.7	2755.0	2768.3	2785.4	2802.6	2819.7	2836.8	2856.2	2875.8
2554.7	5°	2569.5	2584.3	2605.6	2626.8	2654.4	2681.9	2712.3	2742.6	2776.9	2811.3
2455.1	7.5°	2472.7	2490.4	2515.5	2540.8	2574.4	2608.1	2646.4	2684.5	2729.8	2775.1
2425.0	10°	2444.9	2464.6	2494.8	2524.9	2562.8	2600.8	2642.0	2683.0	2728.3	2773.6
2469.4	12.5°	2494.9	2520.4	2558.9	2597.4	2636.5	2675.8	2708.0	2740.3	2770.2	2800.3
2561.5	15°	2600.2	2638.9	2693.7	2748.5	2782.6	2816.6	2825.0	2833.4	2829.3	2825.2
2650.0	17.5°	2707.0	2764.1	2836.7	2909.2	2936.6	2964.1	2938.0	2911.7	2862.4	2813.0
2703.8	20°	2773.6	2843.6	2926.4	3009.4	3022.2	3034.9	2980.0	2925.1	2839.3	2753.6
2705.7	22.5°	2777.8	2849.8	2929.0	3008.3	3000.7	2993.0	2921.6	2850.1	2752.1	2654.3
2650.9	25°	2714.7	2778.8	2843.7	2908.7	2882.5	2856.2	2785.9	2715.6	2627.6	2539.6
2543.6	27.5°	2593.3	2643.0	2689.2	2735.5	2706.1	2676.9	2620.6	2564.2	2492.0	2419.6
2411.4	30°	2447.1	2482.7	2518.0	2553.2	2529.4	2505.7	2458.8	2412.0	2352.1	2292.1
2278.7	32.5°	2307.1	2335.5	2368.0	2400.4	2373.9	2347.5	2302.6	2257.8	2209.8	2161.9
2161.5	35°	2187.7	2214.0	2236.9	2260.0	2228.3	2196.6	2152.1	2107.8	2071.3	2034.8
2061.9	37.5°	2086.1	2110.3	2120.9	2131.5	2092.4	2053.2	2008.8	1964.6	1938.4	1912.2
1970.6	40°	1991.1	2011.6	2009.1	2006.5	1961.3	1916.2	1873.4	1830.7	1811.8	1792.8
1878.0	42.5°	1895.2	1912.5	1899.5	1886.5	1837.8	1789.1	1748.5	1708.0	1692.4	1677.0
1786.9	45°	1802.4	1818.0	1799.3	1780.6	1730.1	1679.7	1641.2	1602.7	1589.5	1576.6
1714.7	47.5°	1725.6	1736.5	1715.0	1693.5	1643.7	1593.8	1556.3	1518.6	1506.5	1494.2
1671.7	50°	1672.2	1672.9	1645.2	1617.6	1573.0	1528.4	1493.0	1457.4	1438.3	1419.3
1642.7	52.5°	1636.9	1631.0	1598.3	1565.5	1523.9	1482.3	1449.9	1417.3	1388.7	1360.1
1615.6	55°	1607.4	1599.3	1564.5	1529.9	1493.6	1457.1	1422.0	1386.9	1346.4	1305.8
1586.8	57.5°	1578.6	1570.3	1535.4	1500.5	1464.3	1428.3	1387.1	1345.9	1302.2	1258.5
1546.9	60°	1537.8	1528.8	1493.7	1458.6	1421.9	1385.3	1338.0	1290.7	1252.4	1214.1
1483.1	62.5°	1474.4	1465.7	1433.6	1401.4	1362.4	1323.3	1268.1	1212.9	1188.6	1164.3
1397.1	65°	1388.3	1379.3	1351.0	1322.7	1285.4	1248.0	1188.8	1129.7	1120.4	1111.1
1299.0	67.5°	1290.4	1281.6	1257.2	1232.7	1197.4	1162.0	1107.3	1052.8	1055.7	1058.6
1194.0	70°	1185.6	1177.3	1155.2	1133.1	1102.6	1072.0	1024.0	976.0	986.2	996.4
1078.6	72.5°	1068.6	1058.6	1037.0	1015.4	987.8	960.2	922.5	884.7	899.5	914.4
940.9	75°	930.5	920.1	900.4	880.7	855.7	830.7	802.6	774.5	788.9	803.1
807.3	77.5°	797.6	787.9	767.3	746.5	725.0	703.5	680.8	657.9	672.4	686.9
656.6	80°	643.7	630.7	615.1	599.4	581.3	563.2	544.3	525.2	537.5	549.6
490.2	82.5°	468.2	446.2	412.7	379.2	385.6	391.9	393.5	395.1	403.7	412.3
311.3	85°	284.1	257.0	225.5	194.1	211.7	229.2	237.5	245.6	255.3	264.9
134.9	87.5°	124.0	113.0	99.7	86.6	100.1	113.4	113.8	114.1	115.9	117.7
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
2897.4	2.5°	2919.2	2946.0	2970.1	2995.0	3019.9	3046.0	3072.0	3097.8	3123.7	3148.1
2852.4	5°	2893.4	2940.4	2987.9	3038.3	3088.6	3142.5	3196.5	3250.1	3303.7	3357.5
2829.5	7.5°	2884.1	2944.9	3009.7	3080.0	3150.3	3230.1	3309.9	3391.9	3473.9	3562.5
2831.1	10°	2888.6	2953.9	3034.0	3117.3	3200.4	3297.4	3394.3	3502.5	3610.8	3723.0
2847.2	12.5°	2894.3	2955.1	3039.2	3133.2	3227.3	3341.6	3456.0	3578.7	3701.4	3824.5
2847.6	15°	2870.2	2918.8	3012.0	3120.9	3229.8	3361.5	3493.1	3626.2	3759.3	3887.8
2804.9	17.5°	2796.6	2826.6	2936.2	3067.1	3198.1	3350.9	3503.7	3649.0	3794.2	3924.5
2715.1	20°	2676.6	2684.5	2812.1	2974.4	3136.8	3321.9	3507.1	3666.7	3826.4	3961.9
2597.4	22.5°	2540.4	2524.9	2670.1	2865.6	3061.1	3286.4	3511.7	3690.7	3869.7	4008.2
2474.0	25°	2408.3	2366.4	2515.3	2744.2	2973.2	3251.3	3529.6	3734.2	3938.8	4074.3
2356.2	27.5°	2292.9	2241.9	2377.4	2633.1	2888.8	3227.9	3566.9	3802.1	4037.3	4166.6
2241.6	30°	2191.3	2151.4	2265.1	2540.3	2815.5	3216.9	3618.1	3890.1	4162.1	4287.0
2132.1	32.5°	2102.3	2084.6	2176.3	2460.3	2744.2	3203.3	3662.2	3981.9	4301.6	4425.2
2026.5	35°	2018.3	2025.7	2102.1	2381.6	2661.1	3177.7	3694.6	4086.5	4478.4	4596.9
1921.2	37.5°	1930.3	1957.2	2024.0	2289.0	2554.0	3133.9	3713.8	4203.7	4693.5	4844.5
1813.3	40°	1833.8	1875.1	1935.7	2178.5	2421.3	3073.6	3726.0	4352.4	4978.7	5198.8
1704.2	42.5°	1731.4	1783.5	1839.3	2056.6	2273.9	3011.3	3748.9	4547.0	5345.0	5662.7
1603.0	45°	1629.5	1679.9	1736.5	1927.1	2117.7	2953.5	3789.3	4803.0	5816.7	6245.2
1516.4	47.5°	1538.6	1582.0	1655.0	1824.7	1994.3	2905.7	3817.1	5075.9	6334.6	6937.8
1438.9	50°	1458.6	1508.9	1604.9	1756.6	1908.3	2853.6	3799.0	5329.0	6859.0	7768.2
1379.4	52.5°	1398.9	1469.3	1579.7	1711.8	1844.0	2765.7	3687.5	5493.3	7299.1	8640.5
1336.4	55°	1367.2	1473.3	1576.0	1679.3	1782.7	2619.9	3457.1	5457.1	7457.0	9413.9
1303.4	57.5°	1348.2	1477.3	1567.8	1640.8	1713.8	2414.3	3114.7	5202.2	7289.8	9962.0
1272.2	60°	1330.3	1464.8	1524.6	1582.0	1639.4	2147.4	2655.4	4727.8	6800.1	10099.0
1236.8	62.5°	1309.5	1434.2	1441.6	1479.6	1517.8	1827.9	2138.1	4086.3	6034.4	9522.2
1188.4	65°	1265.6	1360.7	1359.7	1377.7	1395.7	1540.5	1685.3	3431.7	5178.3	8706.2
1122.9	67.5°	1187.2	1240.7	1243.2	1233.2	1223.1	1264.3	1305.4	2790.6	4275.8	7735.0
1042.1	70°	1087.8	1105.4	1105.4	1058.9	1012.2	1000.6	988.8	2197.2	3405.6	6675.4
945.8	72.5°	977.1	976.9	965.8	899.8	833.7	798.2	762.7	1679.8	2596.8	5526.6
827.4	75°	851.5	855.8	804.6	730.6	656.6	624.4	592.3	1219.2	1846.1	4209.8
706.3	77.5°	725.6	727.9	643.5	571.7	499.8	477.8	456.0	826.1	1196.3	2946.5
565.9	80°	582.1	582.4	481.7	420.9	360.0	350.9	341.9	532.3	722.8	1898.4
420.2	82.5°	428.1	423.4	337.3	292.5	247.7	245.9	244.3	327.4	410.7	1098.7
273.4	85°	281.9	275.6	211.7	178.9	146.0	146.9	147.7	175.0	202.4	494.2
121.1	87.5°	124.5	116.6	90.0	76.5	63.2	64.0	64.7	72.6	80.4	161.9
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
3172.4	2.5°	3184.4	3196.5	3213.6	3230.7	3240.9	3251.1	3256.2	3261.3	3259.0	3261.3
3411.3	5°	3453.3	3495.4	3537.0	3578.8	3601.4	3624.1	3637.8	3651.6	3662.0	3651.6
3651.2	7.5°	3719.6	3787.9	3849.3	3910.8	3947.8	3984.8	4004.9	4024.8	4034.4	4024.8
3835.2	10°	3916.0	3996.8	4068.9	4141.1	4184.7	4228.2	4247.7	4267.0	4274.4	4267.0
3947.8	12.5°	4035.4	4122.9	4188.1	4253.1	4284.8	4316.5	4327.2	4337.8	4338.9	4337.8
4016.3	15°	4091.9	4167.4	4208.3	4249.3	4250.4	4251.5	4240.2	4228.9	4215.5	4228.9
4054.8	17.5°	4105.8	4156.9	4157.7	4158.4	4112.5	4066.7	4024.7	3982.6	3952.9	3982.6
4097.2	20°	4115.0	4132.9	4079.1	4025.4	3924.2	3823.0	3749.3	3675.6	3630.3	3675.6
4146.5	22.5°	4123.2	4099.9	3988.5	3877.1	3728.2	3579.4	3487.2	3395.1	3345.0	3395.1
4209.9	25°	4136.3	4062.7	3893.6	3724.5	3543.7	3362.9	3266.0	3169.4	3122.0	3169.4
4295.9	27.5°	4164.4	4032.7	3808.7	3584.8	3384.4	3184.1	3088.8	2993.6	2948.8	2993.6
4411.9	30°	4215.8	4019.7	3744.0	3468.2	3259.5	3050.7	2962.3	2873.9	2832.2	2873.9
4548.9	32.5°	4280.3	4011.8	3699.8	3387.8	3191.7	2995.5	2926.1	2856.6	2826.6	2856.6
4715.3	35°	4386.6	4058.0	3732.9	3407.9	3271.6	3135.4	3119.2	3103.0	3100.5	3103.0
4995.5	37.5°	4608.8	4222.1	3926.7	3631.2	3622.4	3613.5	3687.6	3761.6	3800.1	3761.6
5418.8	40°	4998.3	4577.8	4358.1	4138.3	4293.4	4448.5	4628.5	4808.5	4898.1	4808.5
5980.3	42.5°	5563.1	5145.8	5019.3	4892.7	5230.9	5569.2	5896.5	6223.9	6416.1	6223.9
6673.7	45°	6298.9	5923.9	5868.1	5812.2	6354.1	6896.1	7434.0	7972.1	8298.6	7972.1
7540.8	47.5°	7176.2	6811.4	6800.1	6788.8	7570.5	8352.1	9139.6	9927.0	10389.4	9927.0
8677.3	50°	8226.9	7776.6	7778.5	7780.4	8787.9	9795.4	10834.9	11874.4	12502.9	11874.4
9981.9	52.5°	9436.5	8891.2	8836.1	8780.9	9984.3	11187.7	12473.9	13759.9	14513.3	13759.9
11370.9	55°	10832.0	10293.2	10078.2	9863.3	11202.6	12541.9	14075.2	15608.5	16504.4	15608.5
12634.2	57.5°	12340.8	12047.2	11616.1	11185.0	12537.4	13889.8	15626.5	17363.1	18474.1	17363.1
13397.7	60°	13853.4	14309.3	13773.9	13238.4	14518.3	15798.1	17657.5	19516.9	20717.7	19516.9
13010.0	62.5°	14255.3	15500.6	15440.3	15379.8	16552.2	17724.7	19493.8	21262.8	22372.7	21262.8
12234.0	65°	13402.8	14571.6	14802.8	15034.0	16523.9	18014.0	19729.4	21444.7	22389.7	21444.7
11194.3	67.5°	12305.9	13417.5	13526.0	13634.3	15186.7	16739.0	18461.8	20184.6	20924.9	20184.6
9945.1	70°	11154.2	12363.4	12411.8	12460.4	13848.7	15236.8	16719.4	18201.9	18613.4	18201.9
8456.5	72.5°	9844.0	11231.6	11266.5	11301.2	12387.4	13473.5	14583.9	15694.2	15735.8	15694.2
6573.5	75°	8009.5	9445.6	9574.5	9703.4	10548.5	11393.5	12175.1	12956.8	12747.4	12956.8
4696.6	77.5°	6037.1	7377.8	7562.3	7746.8	8389.2	9031.6	9585.9	10140.4	9780.4	10140.4
3073.9	80°	4201.7	5329.4	5558.8	5788.1	6273.3	6758.2	7049.4	7340.4	6761.4	7340.4
1786.9	82.5°	2557.9	3329.0	3585.1	3841.4	4175.4	4509.3	4630.8	4752.1	4297.0	4752.1
786.2	85°	1195.4	1604.6	1822.5	2040.4	2314.8	2589.1	2658.0	2727.0	2362.5	2727.0
243.4	87.5°	380.9	518.5	640.0	761.6	898.8	1036.0	1041.9	1047.7	879.6	1047.7
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
2950.0	0°	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0	2950.0
3256.2	2.5°	3251.1	3240.9	3230.7	3213.6	3196.5	3184.4	3172.4
3637.8	5°	3624.1	3601.4	3578.8	3537.0	3495.4	3453.3	3411.3
4004.9	7.5°	3984.8	3947.8	3910.8	3849.3	3787.9	3719.6	3651.2
4247.7	10°	4228.2	4184.7	4141.1	4068.9	3996.8	3916.0	3835.2
4327.2	12.5°	4316.5	4284.8	4253.1	4188.1	4122.9	4035.4	3947.8
4240.2	15°	4251.5	4250.4	4249.3	4208.3	4167.4	4091.9	4016.3
4024.7	17.5°	4066.7	4112.5	4158.4	4157.7	4156.9	4105.8	4054.8
3749.3	20°	3823.0	3924.2	4025.4	4079.1	4132.9	4115.0	4097.2
3487.2	22.5°	3579.4	3728.2	3877.1	3988.5	4099.9	4123.2	4146.5
3266.0	25°	3362.9	3543.7	3724.5	3893.6	4062.7	4136.3	4209.9
3088.8	27.5°	3184.1	3384.4	3584.8	3808.7	4032.7	4164.4	4295.9
2962.3	30°	3050.7	3259.5	3468.2	3744.0	4019.7	4215.8	4411.9
2926.1	32.5°	2995.5	3191.7	3387.8	3699.8	4011.8	4280.3	4548.9
3119.2	35°	3135.4	3271.6	3407.9	3732.9	4058.0	4386.6	4715.3
3687.6	37.5°	3613.5	3622.4	3631.2	3926.7	4222.1	4608.8	4995.5
4628.5	40°	4448.5	4293.4	4138.3	4358.1	4577.8	4998.3	5418.8
5896.5	42.5°	5569.2	5230.9	4892.7	5019.3	5145.8	5563.1	5980.3
7434.0	45°	6896.1	6354.1	5812.2	5868.1	5923.9	6298.9	6673.7
9139.6	47.5°	8352.1	7570.5	6788.8	6800.1	6811.4	7176.2	7540.8
10834.9	50°	9795.4	8787.9	7780.4	7778.5	7776.6	8226.9	8677.3
12473.9	52.5°	11187.7	9984.3	8780.9	8836.1	8891.2	9436.5	9981.9
14075.2	55°	12541.9	11202.6	9863.3	10078.2	10293.2	10832.0	11370.9
15626.5	57.5°	13889.8	12537.4	11185.0	11616.1	12047.2	12340.8	12634.2
17657.5	60°	15798.1	14518.3	13238.4	13773.9	14309.3	13853.4	13397.7
19493.8	62.5°	17724.7	16552.2	15379.8	15440.3	15500.6	14255.3	13010.0
19729.4	65°	18014.0	16523.9	15034.0	14802.8	14571.6	13402.8	12234.0
18461.8	67.5°	16739.0	15186.7	13634.3	13526.0	13417.5	12305.9	11194.3
16719.4	70°	15236.8	13848.7	12460.4	12411.8	12363.4	11154.2	9945.1
14583.9	72.5°	13473.5	12387.4	11301.2	11266.5	11231.6	9844.0	8456.5
12175.1	75°	11393.5	10548.5	9703.4	9574.5	9445.6	8009.5	6573.5
9585.9	77.5°	9031.6	8389.2	7746.8	7562.3	7377.8	6037.1	4696.6
7049.4	80°	6758.2	6273.3	5788.1	5558.8	5329.4	4201.7	3073.9
4630.8	82.5°	4509.3	4175.4	3841.4	3585.1	3329.0	2557.9	1786.9
2658.0	85°	2589.1	2314.8	2040.4	1822.5	1604.6	1195.4	786.2
1041.9	87.5°	1036.0	898.8	761.6	640.0	518.5	380.9	243.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)