

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: P949084

Luminaire Tested: **GALN-SB3D-940-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P949084  
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-SB3D-940-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 90 CRI, 4000K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

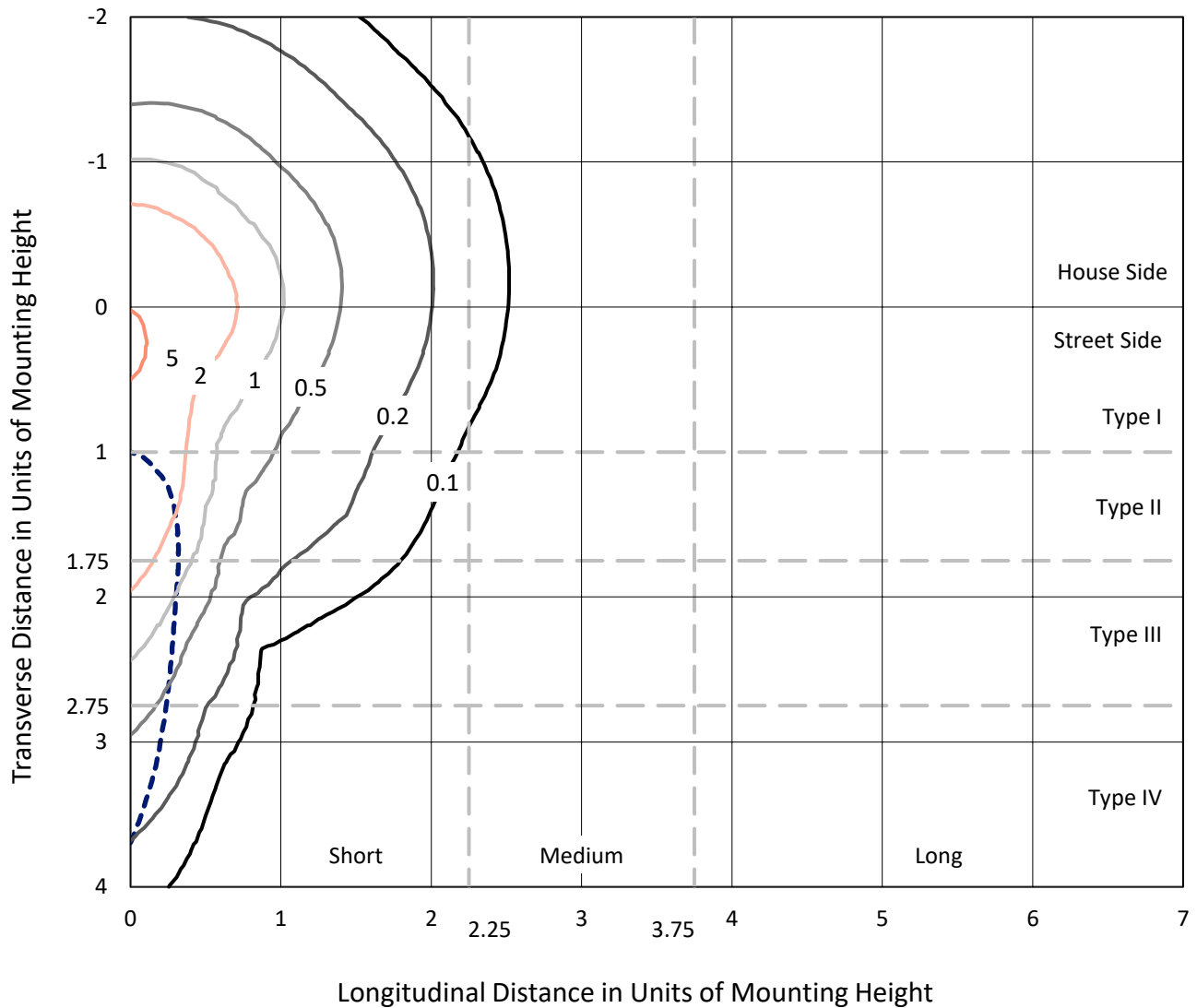
Lumens per Lamp: N/A  
Luminaire Lumens: 22045 lumens  
Efficiency: N/A  
Efficacy: 101.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 218.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
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



REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

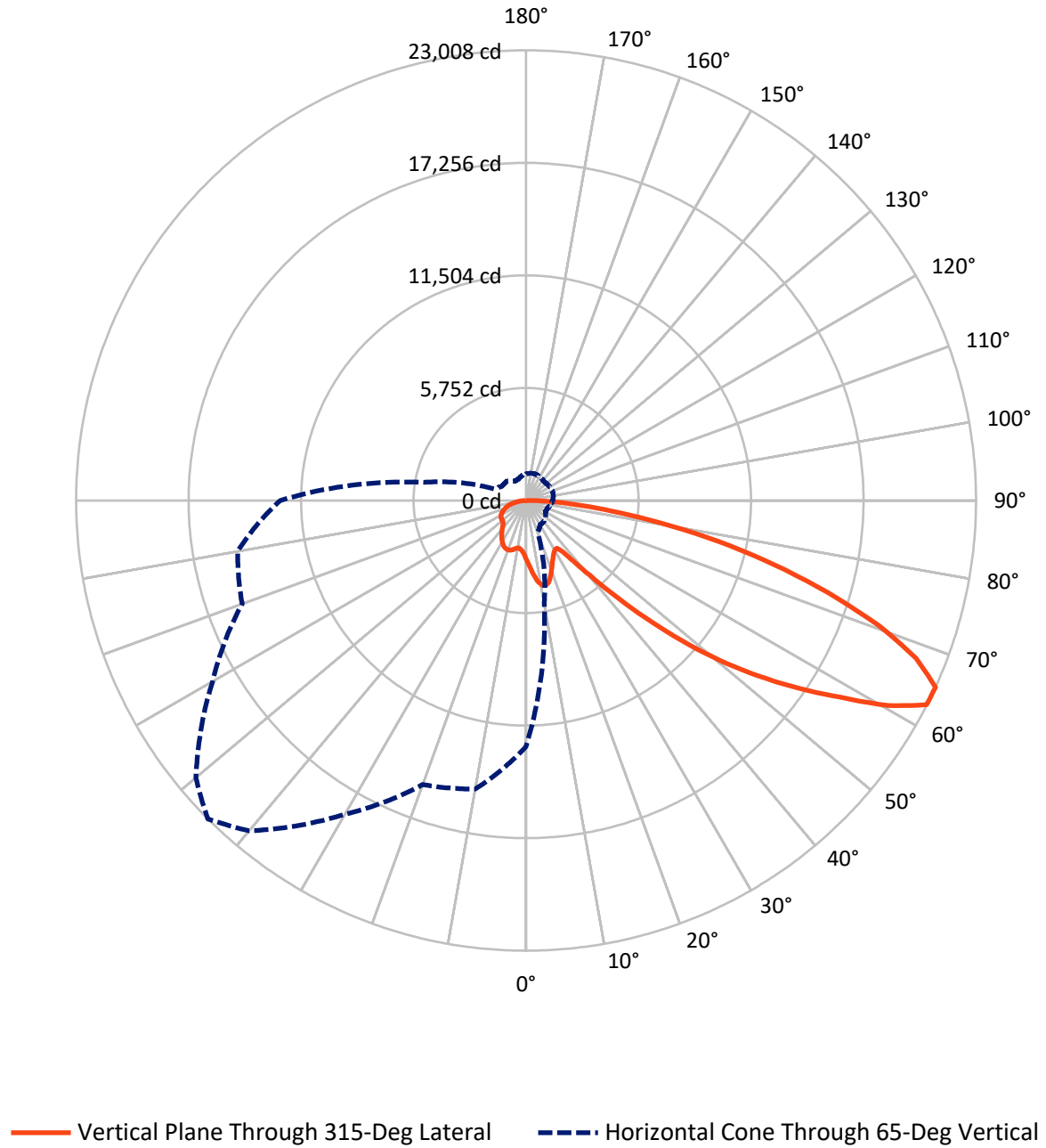
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6 fc  
 Type IV - Short - N/A

REPORT NUMBER: P949084  
CATALOG NUMBER: GALN-SB3D-940-U-SLR

### Luminous Intensity Polar Plot



REPORT NUMBER: P949084

CATALOG NUMBER: GALN-SB3D-940-U-SLR

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5602.7	0.0	5602.7
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	16442.3	0.0	16442.3
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	22045.0	0.0	22045.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	300.7	1.4
10°-20°	944.0	4.3
20°-30°	1458.1	6.6
30°-40°	1847.8	8.4
40°-50°	2787.0	12.6
50°-60°	4502.8	20.4
60°-70°	5613.5	25.5
70°-80°	3681.0	16.7
80°-90°	910.0	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°	22045.0	100.0
0°-180°	22045.0	100.0



REPORT NUMBER: P949084

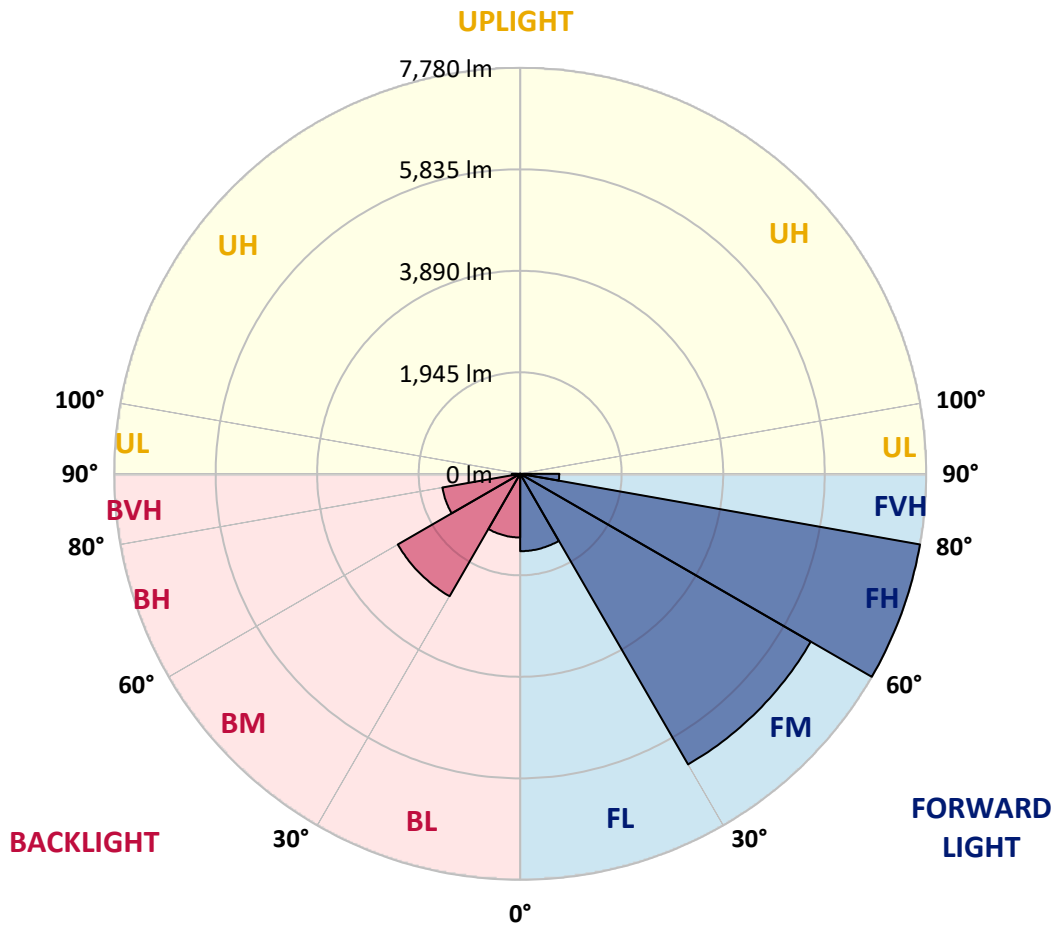
CATALOG NUMBER: GALN-SB3D-940-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1482.8	6.7			
FM (30°-60°)	6430.0	29.2			
FH (60°-80°)	7779.8	35.3			G4/12000
FVH (80°-90°)	749.7	3.4			G4/750
BL (0°-30°)	1220.1	5.5	B3/2500		
BM (30°-60°)	2707.6	12.3	B3/5000		
BH (60°-80°)	1514.7	6.9	B3/2500		G3/2500
BVH (80°-90°)	160.4	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



REPORT NUMBER: P949084

CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
2.5°	3260.0	3234.9	3209.9	3183.3	3156.8	3130.0	3103.3	3077.7	3052.1	3027.3
5°	3505.4	3450.1	3394.9	3339.7	3284.7	3229.2	3173.9	3122.1	3070.3	3021.5
7.5°	3752.0	3660.8	3569.7	3485.5	3401.3	3319.3	3237.3	3165.0	3092.8	3026.1
10°	3941.0	3825.7	3710.5	3599.1	3487.9	3388.4	3288.7	3203.3	3117.7	3035.4
12.5°	4056.8	3930.1	3803.5	3677.4	3551.3	3433.9	3316.4	3219.7	3123.0	3036.6
15°	4127.1	3995.1	3863.1	3726.3	3589.5	3454.2	3318.9	3207.0	3095.1	2999.4
17.5°	4166.7	4032.8	3898.9	3749.7	3600.4	3443.4	3286.4	3151.8	3017.2	2904.6
20°	4210.3	4071.2	3932.0	3767.9	3603.9	3413.6	3223.3	3056.5	2889.7	2758.6
22.5°	4260.9	4118.8	3976.5	3792.6	3608.6	3377.1	3145.6	2944.7	2743.8	2594.6
25°	4326.1	4186.7	4047.5	3837.3	3627.0	3341.0	3055.2	2819.9	2584.7	2431.7
27.5°	4414.5	4281.6	4148.7	3907.1	3665.3	3317.0	2968.6	2705.8	2443.0	2303.8
30°	4533.7	4405.3	4277.0	3997.4	3717.9	3305.7	2893.2	2610.4	2327.6	2210.7
32.5°	4674.4	4547.3	4420.3	4091.8	3763.3	3291.7	2819.9	2528.2	2236.3	2142.1
35°	4845.4	4723.8	4602.0	4199.3	3796.6	3265.4	2734.5	2447.3	2160.1	2081.6
37.5°	5133.3	4978.2	4823.0	4319.7	3816.3	3220.4	2624.5	2352.2	2079.9	2011.2
40°	5568.4	5342.3	5116.1	4472.5	3828.8	3158.4	2488.1	2238.6	1989.1	1926.9
42.5°	6145.3	5818.9	5492.5	4672.5	3852.4	3094.4	2336.7	2113.4	1890.0	1832.7
45°	6857.8	6417.5	5977.3	4935.6	3893.9	3035.0	2176.2	1980.3	1784.4	1726.2
47.5°	7748.9	7129.2	6509.4	5215.9	3922.4	2985.9	2049.4	1875.0	1700.6	1625.6
50°	8916.7	7982.5	7048.2	5476.0	3903.8	2932.4	1961.0	1805.1	1649.2	1550.6
52.5°	10257.4	8878.9	7500.5	5644.9	3789.2	2842.0	1894.9	1759.0	1623.3	1509.9
55°	11684.6	9673.7	7662.8	5607.7	3552.5	2692.2	1831.9	1725.7	1619.4	1513.9
57.5°	12982.8	10236.9	7491.0	5345.7	3200.6	2480.9	1761.1	1686.1	1611.1	1518.0
60°	13767.4	10377.6	6987.8	4858.2	2728.7	2206.6	1684.6	1625.6	1566.6	1505.2
62.5°	13369.0	9785.0	6200.9	4199.0	2197.1	1878.4	1559.7	1520.5	1481.4	1473.8
65°	12571.6	8946.4	5321.2	3526.4	1731.8	1583.0	1434.3	1415.8	1397.3	1398.2
67.5°	11503.2	7948.5	4393.8	2867.6	1341.4	1299.2	1256.9	1267.2	1277.5	1274.9
70°	10219.6	6859.6	3499.6	2257.8	1016.1	1028.2	1040.2	1088.1	1135.9	1135.9
72.5°	8689.9	5679.1	2668.4	1726.1	783.8	820.2	856.7	924.7	992.5	1003.9
75°	6754.9	4325.9	1897.0	1252.8	608.6	641.6	674.7	750.7	826.8	879.4
77.5°	4826.2	3027.8	1229.3	848.9	468.5	491.0	513.6	587.4	661.3	748.0
80°	3158.8	1950.7	742.7	547.0	351.3	360.6	369.9	432.5	495.0	598.5
82.5°	1836.2	1129.0	422.0	336.4	251.0	252.7	254.5	300.6	346.6	435.0
85°	807.9	507.9	208.0	179.8	151.8	151.0	150.1	183.8	217.5	283.2
87.5°	250.1	166.3	82.6	74.6	66.5	65.7	64.9	78.6	92.5	119.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
2999.7	2.5°	2977.4	2955.2	2935.1	2915.1	2897.5	2879.9	2862.2	2844.7	2831.1	2817.3
2973.2	5°	2931.1	2888.9	2853.5	2818.3	2787.1	2755.9	2727.7	2699.3	2677.5	2655.7
2963.7	7.5°	2907.6	2851.7	2805.1	2758.6	2719.4	2680.1	2645.4	2610.9	2584.9	2559.1
2968.3	10°	2909.2	2850.1	2803.6	2757.1	2714.9	2672.5	2633.6	2594.6	2563.6	2532.6
2974.1	12.5°	2925.8	2877.6	2846.7	2815.9	2782.7	2749.6	2709.3	2669.0	2629.5	2589.9
2949.4	15°	2926.2	2903.2	2907.4	2911.6	2903.0	2894.3	2859.3	2824.3	2768.0	2711.7
2873.8	17.5°	2882.3	2890.6	2941.3	2992.1	3019.0	3045.9	3017.7	2989.5	2914.9	2840.4
2750.5	20°	2790.0	2829.6	2917.6	3005.8	3062.2	3118.6	3105.6	3092.4	3007.2	2922.0
2610.5	22.5°	2669.0	2727.5	2828.0	2928.8	3002.2	3075.6	3083.5	3091.3	3009.9	2928.4
2474.8	25°	2542.2	2609.7	2700.1	2790.6	2862.8	2935.1	2962.0	2988.9	2922.2	2855.5
2356.1	27.5°	2421.3	2486.4	2560.7	2634.9	2692.9	2750.8	2780.8	2810.9	2763.4	2715.9
2251.8	30°	2303.4	2355.3	2417.0	2478.6	2526.7	2574.8	2599.2	2623.7	2587.5	2551.2
2160.4	32.5°	2190.9	2221.5	2270.7	2320.1	2366.1	2412.3	2439.4	2466.6	2433.4	2400.0
2074.0	35°	2082.4	2090.9	2128.5	2165.9	2211.5	2257.2	2289.8	2322.4	2298.7	2275.0
1983.5	37.5°	1974.2	1964.9	1991.9	2018.8	2064.3	2109.9	2150.1	2190.4	2179.4	2168.5
1884.4	40°	1863.4	1842.3	1861.7	1881.2	1925.1	1969.1	2015.4	2061.8	2064.5	2067.1
1779.2	42.5°	1751.2	1723.3	1739.1	1755.1	1796.7	1838.5	1888.5	1938.5	1951.9	1965.3
1674.5	45°	1647.2	1620.1	1633.4	1646.9	1686.5	1726.0	1777.9	1829.8	1849.0	1868.1
1581.1	47.5°	1558.3	1535.5	1548.0	1560.5	1599.2	1637.8	1689.0	1740.2	1762.3	1784.4
1498.8	50°	1478.6	1458.5	1478.0	1497.7	1534.2	1570.6	1616.4	1662.3	1690.6	1719.0
1437.5	52.5°	1417.5	1397.6	1427.1	1456.4	1489.9	1523.2	1565.9	1608.7	1642.4	1676.0
1404.9	55°	1373.3	1341.8	1383.5	1425.2	1461.2	1497.3	1534.8	1572.1	1607.7	1643.4
1385.4	57.5°	1339.3	1293.3	1338.2	1383.1	1425.4	1467.8	1504.8	1541.9	1577.8	1613.6
1367.0	60°	1307.4	1247.6	1287.0	1326.3	1374.9	1423.6	1461.1	1498.8	1534.9	1570.9
1345.6	62.5°	1270.9	1196.4	1221.4	1246.4	1303.1	1359.8	1399.9	1440.1	1473.1	1506.2
1300.5	65°	1221.2	1141.7	1151.4	1160.9	1221.6	1282.5	1320.8	1359.2	1388.3	1417.4
1220.0	67.5°	1153.9	1087.9	1084.8	1081.8	1137.9	1194.1	1230.5	1266.8	1291.9	1317.0
1117.9	70°	1070.9	1023.9	1013.4	1002.9	1052.3	1101.6	1133.0	1164.4	1187.1	1209.8
1004.1	72.5°	971.9	939.7	924.3	909.1	947.9	986.7	1015.0	1043.4	1065.6	1087.9
875.0	75°	850.2	825.3	810.7	795.9	824.7	853.6	879.3	905.0	925.2	945.5
745.6	77.5°	725.7	705.8	691.0	676.1	699.6	722.9	745.0	767.2	788.4	809.6
598.1	80°	581.5	564.7	552.3	539.7	559.3	578.7	597.3	615.9	632.1	648.2
439.9	82.5°	431.8	423.6	414.8	406.0	404.3	402.7	396.2	389.7	424.1	458.5
289.6	85°	280.9	272.2	262.3	252.4	244.0	235.6	217.5	199.5	231.7	264.1
128.0	87.5°	124.5	121.0	119.1	117.3	116.9	116.6	102.8	89.0	102.5	116.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
2806.3	2.5°	2795.2	2786.6	2778.0	2770.1	2762.1	2752.2	2762.1	2770.1	2778.0	2786.6
2640.4	5°	2625.2	2614.4	2603.5	2595.3	2587.0	2578.9	2587.0	2595.3	2603.5	2614.4
2541.0	7.5°	2522.8	2510.4	2498.0	2490.6	2483.3	2477.7	2483.3	2490.6	2498.0	2510.4
2512.3	10°	2491.9	2480.1	2468.4	2462.1	2455.8	2453.3	2455.8	2462.1	2468.4	2480.1
2563.8	12.5°	2537.6	2524.4	2511.4	2506.1	2500.7	2499.8	2500.7	2506.1	2511.4	2524.4
2671.9	15°	2632.2	2613.9	2595.7	2588.8	2581.8	2581.2	2581.8	2588.8	2595.7	2613.9
2781.7	17.5°	2723.1	2696.1	2669.0	2660.2	2651.2	2649.8	2651.2	2660.2	2669.0	2696.1
2850.1	20°	2778.4	2743.8	2709.2	2698.1	2687.1	2683.6	2687.1	2698.1	2709.2	2743.8
2854.5	22.5°	2780.4	2743.9	2707.4	2695.2	2683.0	2677.8	2683.0	2695.2	2707.4	2743.9
2789.7	25°	2724.1	2692.4	2660.9	2649.4	2638.0	2631.2	2638.0	2649.4	2660.9	2692.4
2664.8	27.5°	2613.8	2592.6	2571.3	2566.1	2560.9	2559.1	2560.9	2566.1	2571.3	2592.6
2514.7	30°	2477.9	2467.1	2456.2	2456.2	2456.2	2457.9	2456.2	2456.2	2456.2	2467.1
2370.8	32.5°	2341.6	2334.5	2327.4	2328.3	2329.4	2331.1	2329.4	2328.3	2327.4	2334.5
2248.1	35°	2221.2	2210.4	2199.7	2197.3	2195.0	2193.9	2195.0	2197.3	2199.7	2210.4
2143.7	37.5°	2118.8	2099.2	2079.6	2069.3	2058.9	2053.1	2058.9	2069.3	2079.6	2099.2
2046.0	40°	2025.0	1996.3	1968.0	1948.6	1929.6	1918.2	1929.6	1948.6	1968.0	1996.3
1947.5	42.5°	1929.8	1894.3	1858.8	1830.8	1802.8	1784.4	1802.8	1830.8	1858.8	1894.3
1852.1	45°	1836.2	1795.6	1755.1	1722.2	1689.2	1668.1	1689.2	1722.2	1755.1	1795.6
1773.2	47.5°	1762.1	1726.0	1689.9	1659.5	1629.1	1608.7	1629.1	1659.5	1689.9	1726.0
1718.3	50°	1717.9	1689.0	1660.2	1632.0	1603.9	1584.3	1603.9	1632.0	1660.2	1689.0
1682.0	52.5°	1688.1	1664.6	1641.1	1615.8	1590.7	1572.7	1590.7	1615.8	1641.1	1664.6
1651.8	55°	1660.2	1639.7	1619.2	1597.1	1575.0	1558.7	1575.0	1597.1	1619.2	1639.7
1622.1	57.5°	1630.6	1609.9	1589.2	1567.3	1545.4	1528.5	1545.4	1567.3	1589.2	1609.9
1580.2	60°	1589.6	1569.3	1549.2	1526.6	1504.1	1486.6	1504.1	1526.6	1549.2	1569.3
1515.1	62.5°	1524.1	1505.8	1487.5	1463.8	1440.1	1419.1	1440.1	1463.8	1487.5	1505.8
1426.6	65°	1435.7	1418.1	1400.5	1377.5	1354.6	1336.6	1354.6	1377.5	1400.5	1418.1
1326.0	67.5°	1334.8	1318.6	1302.6	1281.2	1259.8	1243.5	1259.8	1281.2	1302.6	1318.6
1218.4	70°	1227.0	1213.8	1200.7	1180.2	1159.7	1141.1	1159.7	1180.2	1200.7	1213.8
1098.1	72.5°	1108.3	1097.4	1086.5	1066.9	1047.5	1029.5	1047.5	1066.9	1086.5	1097.4
956.2	75°	966.9	961.5	956.2	939.8	923.4	906.2	923.4	939.8	956.2	961.5
819.6	77.5°	829.6	822.2	814.5	798.0	781.5	767.7	781.5	798.0	814.5	822.2
661.4	80°	674.7	671.4	668.3	646.1	623.7	597.9	623.7	646.1	668.3	671.4
481.1	82.5°	503.7	502.3	500.8	482.0	463.2	446.7	463.2	482.0	500.8	502.3
292.0	85°	319.9	317.6	315.2	300.6	285.9	271.0	285.9	300.6	315.2	317.6
127.4	87.5°	138.7	135.9	132.8	125.4	117.7	110.5	117.7	125.4	132.8	135.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
2795.2	2.5°	2806.3	2817.3	2831.1	2844.7	2862.2	2879.9	2897.5	2915.1	2935.1	2955.2
2625.2	5°	2640.4	2655.7	2677.5	2699.3	2727.7	2755.9	2787.1	2818.3	2853.5	2888.9
2522.8	7.5°	2541.0	2559.1	2584.9	2610.9	2645.4	2680.1	2719.4	2758.6	2805.1	2851.7
2491.9	10°	2512.3	2532.6	2563.6	2594.6	2633.6	2672.5	2714.9	2757.1	2803.6	2850.1
2537.6	12.5°	2563.8	2589.9	2629.5	2669.0	2709.3	2749.6	2782.7	2815.9	2846.7	2877.6
2632.2	15°	2671.9	2711.7	2768.0	2824.3	2859.3	2894.3	2903.0	2911.6	2907.4	2903.2
2723.1	17.5°	2781.7	2840.4	2914.9	2989.5	3017.7	3045.9	3019.0	2992.1	2941.3	2890.6
2778.4	20°	2850.1	2922.0	3007.2	3092.4	3105.6	3118.6	3062.2	3005.8	2917.6	2829.6
2780.4	22.5°	2854.5	2928.4	3009.9	3091.3	3083.5	3075.6	3002.2	2928.8	2828.0	2727.5
2724.1	25°	2789.7	2855.5	2922.2	2988.9	2962.0	2935.1	2862.8	2790.6	2700.1	2609.7
2613.8	27.5°	2664.8	2715.9	2763.4	2810.9	2780.8	2750.8	2692.9	2634.9	2560.7	2486.4
2477.9	30°	2514.7	2551.2	2587.5	2623.7	2599.2	2574.8	2526.7	2478.6	2417.0	2355.3
2341.6	32.5°	2370.8	2400.0	2433.4	2466.6	2439.4	2412.3	2366.1	2320.1	2270.7	2221.5
2221.2	35°	2248.1	2275.0	2298.7	2322.4	2289.8	2257.2	2211.5	2165.9	2128.5	2090.9
2118.8	37.5°	2143.7	2168.5	2179.4	2190.4	2150.1	2109.9	2064.3	2018.8	1991.9	1964.9
2025.0	40°	2046.0	2067.1	2064.5	2061.8	2015.4	1969.1	1925.1	1881.2	1861.7	1842.3
1929.8	42.5°	1947.5	1965.3	1951.9	1938.5	1888.5	1838.5	1796.7	1755.1	1739.1	1723.3
1836.2	45°	1852.1	1868.1	1849.0	1829.8	1777.9	1726.0	1686.5	1646.9	1633.4	1620.1
1762.1	47.5°	1773.2	1784.4	1762.3	1740.2	1689.0	1637.8	1599.2	1560.5	1548.0	1535.5
1717.9	50°	1718.3	1719.0	1690.6	1662.3	1616.4	1570.6	1534.2	1497.7	1478.0	1458.5
1688.1	52.5°	1682.0	1676.0	1642.4	1608.7	1565.9	1523.2	1489.9	1456.4	1427.1	1397.6
1660.2	55°	1651.8	1643.4	1607.7	1572.1	1534.8	1497.3	1461.2	1425.2	1383.5	1341.8
1630.6	57.5°	1622.1	1613.6	1577.8	1541.9	1504.8	1467.8	1425.4	1383.1	1338.2	1293.3
1589.6	60°	1580.2	1570.9	1534.9	1498.8	1461.1	1423.6	1374.9	1326.3	1287.0	1247.6
1524.1	62.5°	1515.1	1506.2	1473.1	1440.1	1399.9	1359.8	1303.1	1246.4	1221.4	1196.4
1435.7	65°	1426.6	1417.4	1388.3	1359.2	1320.8	1282.5	1221.6	1160.9	1151.4	1141.7
1334.8	67.5°	1326.0	1317.0	1291.9	1266.8	1230.5	1194.1	1137.9	1081.8	1084.8	1087.9
1227.0	70°	1218.4	1209.8	1187.1	1164.4	1133.0	1101.6	1052.3	1002.9	1013.4	1023.9
1108.3	72.5°	1098.1	1087.9	1065.6	1043.4	1015.0	986.7	947.9	909.1	924.3	939.7
966.9	75°	956.2	945.5	925.2	905.0	879.3	853.6	824.7	795.9	810.7	825.3
829.6	77.5°	819.6	809.6	788.4	767.2	745.0	722.9	699.6	676.1	691.0	705.8
674.7	80°	661.4	648.2	632.1	615.9	597.3	578.7	559.3	539.7	552.3	564.7
503.7	82.5°	481.1	458.5	424.1	389.7	396.2	402.7	404.3	406.0	414.8	423.6
319.9	85°	292.0	264.1	231.7	199.5	217.5	235.6	244.0	252.4	262.3	272.2
138.7	87.5°	127.4	116.1	102.5	89.0	102.8	116.6	116.9	117.3	119.1	121.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
2977.4	2.5°	2999.7	3027.3	3052.1	3077.7	3103.3	3130.0	3156.8	3183.3	3209.9	3234.9
2931.1	5°	2973.2	3021.5	3070.3	3122.1	3173.9	3229.2	3284.7	3339.7	3394.9	3450.1
2907.6	7.5°	2963.7	3026.1	3092.8	3165.0	3237.3	3319.3	3401.3	3485.5	3569.7	3660.8
2909.2	10°	2968.3	3035.4	3117.7	3203.3	3288.7	3388.4	3487.9	3599.1	3710.5	3825.7
2925.8	12.5°	2974.1	3036.6	3123.0	3219.7	3316.4	3433.9	3551.3	3677.4	3803.5	3930.1
2926.2	15°	2949.4	2999.4	3095.1	3207.0	3318.9	3454.2	3589.5	3726.3	3863.1	3995.1
2882.3	17.5°	2873.8	2904.6	3017.2	3151.8	3286.4	3443.4	3600.4	3749.7	3898.9	4032.8
2790.0	20°	2750.5	2758.6	2889.7	3056.5	3223.3	3413.6	3603.9	3767.9	3932.0	4071.2
2669.0	22.5°	2610.5	2594.6	2743.8	2944.7	3145.6	3377.1	3608.6	3792.6	3976.5	4118.8
2542.2	25°	2474.8	2431.7	2584.7	2819.9	3055.2	3341.0	3627.0	3837.3	4047.5	4186.7
2421.3	27.5°	2356.1	2303.8	2443.0	2705.8	2968.6	3317.0	3665.3	3907.1	4148.7	4281.6
2303.4	30°	2251.8	2210.7	2327.6	2610.4	2893.2	3305.7	3717.9	3997.4	4277.0	4405.3
2190.9	32.5°	2160.4	2142.1	2236.3	2528.2	2819.9	3291.7	3763.3	4091.8	4420.3	4547.3
2082.4	35°	2074.0	2081.6	2160.1	2447.3	2734.5	3265.4	3796.6	4199.3	4602.0	4723.8
1974.2	37.5°	1983.5	2011.2	2079.9	2352.2	2624.5	3220.4	3816.3	4319.7	4823.0	4978.2
1863.4	40°	1884.4	1926.9	1989.1	2238.6	2488.1	3158.4	3828.8	4472.5	5116.1	5342.3
1751.2	42.5°	1779.2	1832.7	1890.0	2113.4	2336.7	3094.4	3852.4	4672.5	5492.5	5818.9
1647.2	45°	1674.5	1726.2	1784.4	1980.3	2176.2	3035.0	3893.9	4935.6	5977.3	6417.5
1558.3	47.5°	1581.1	1625.6	1700.6	1875.0	2049.4	2985.9	3922.4	5215.9	6509.4	7129.2
1478.6	50°	1498.8	1550.6	1649.2	1805.1	1961.0	2932.4	3903.8	5476.0	7048.2	7982.5
1417.5	52.5°	1437.5	1509.9	1623.3	1759.0	1894.9	2842.0	3789.2	5644.9	7500.5	8878.9
1373.3	55°	1404.9	1513.9	1619.4	1725.7	1831.9	2692.2	3552.5	5607.7	7662.8	9673.7
1339.3	57.5°	1385.4	1518.0	1611.1	1686.1	1761.1	2480.9	3200.6	5345.7	7491.0	10236.9
1307.4	60°	1367.0	1505.2	1566.6	1625.6	1684.6	2206.6	2728.7	4858.2	6987.8	10377.6
1270.9	62.5°	1345.6	1473.8	1481.4	1520.5	1559.7	1878.4	2197.1	4199.0	6200.9	9785.0
1221.2	65°	1300.5	1398.2	1397.3	1415.8	1434.3	1583.0	1731.8	3526.4	5321.2	8946.4
1153.9	67.5°	1220.0	1274.9	1277.5	1267.2	1256.9	1299.2	1341.4	2867.6	4393.8	7948.5
1070.9	70°	1117.9	1135.9	1135.9	1088.1	1040.2	1028.2	1016.1	2257.8	3499.6	6859.6
971.9	72.5°	1004.1	1003.9	992.5	924.7	856.7	820.2	783.8	1726.1	2668.4	5679.1
850.2	75°	875.0	879.4	826.8	750.7	674.7	641.6	608.6	1252.8	1897.0	4325.9
725.7	77.5°	745.6	748.0	661.3	587.4	513.6	491.0	468.5	848.9	1229.3	3027.8
581.5	80°	598.1	598.5	495.0	432.5	369.9	360.6	351.3	547.0	742.7	1950.7
431.8	82.5°	439.9	435.0	346.6	300.6	254.5	252.7	251.0	336.4	422.0	1129.0
280.9	85°	289.6	283.2	217.5	183.8	150.1	151.0	151.8	179.8	208.0	507.9
124.5	87.5°	128.0	119.8	92.5	78.6	64.9	65.7	66.5	74.6	82.6	166.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
3260.0	2.5°	3272.3	3284.7	3302.3	3319.9	3330.3	3340.8	3346.0	3351.3	3348.9	3351.3
3505.4	5°	3548.5	3591.8	3634.6	3677.6	3700.8	3724.1	3738.2	3752.3	3763.0	3752.3
3752.0	7.5°	3822.3	3892.4	3955.6	4018.7	4056.8	4094.8	4115.4	4135.9	4145.8	4135.9
3941.0	10°	4024.1	4107.1	4181.2	4255.3	4300.2	4344.9	4364.9	4384.8	4392.4	4384.8
4056.8	12.5°	4146.8	4236.7	4303.7	4370.5	4403.1	4435.6	4446.6	4457.5	4458.7	4457.5
4127.1	15°	4204.8	4282.4	4324.4	4366.5	4367.7	4368.9	4357.2	4345.6	4331.9	4345.6
4166.7	17.5°	4219.2	4271.6	4272.4	4273.1	4226.0	4178.9	4135.7	4092.5	4062.0	4092.5
4210.3	20°	4228.6	4247.0	4191.7	4136.4	4032.5	3928.5	3852.7	3777.0	3730.5	3777.0
4260.9	22.5°	4236.9	4213.0	4098.5	3984.1	3831.1	3678.1	3583.4	3488.8	3437.3	3488.8
4326.1	25°	4250.4	4174.8	4001.0	3827.3	3641.5	3455.7	3356.2	3256.8	3208.2	3256.8
4414.5	27.5°	4279.3	4144.0	3913.8	3683.7	3477.8	3271.9	3174.0	3076.2	3030.2	3076.2
4533.7	30°	4332.1	4130.6	3847.3	3563.9	3349.4	3134.9	3044.1	2953.2	2910.4	2953.2
4674.4	32.5°	4398.4	4122.5	3801.9	3481.3	3279.7	3078.1	3006.8	2935.4	2904.6	2935.4
4845.4	35°	4507.6	4169.9	3835.9	3501.9	3361.9	3221.9	3205.3	3188.6	3186.1	3188.6
5133.3	37.5°	4736.0	4338.6	4035.0	3731.4	3722.3	3713.3	3789.3	3865.4	3905.0	3865.4
5568.4	40°	5136.2	4704.1	4478.3	4252.5	4411.9	4571.3	4756.2	4941.2	5033.3	4941.2
6145.3	42.5°	5716.6	5287.8	5157.8	5027.7	5375.3	5722.9	6059.3	6395.7	6593.2	6395.7
6857.8	45°	6472.7	6087.4	6030.1	5972.6	6529.4	7086.4	7639.2	8192.0	8527.6	8192.0
7748.9	47.5°	7374.2	6999.4	6987.8	6976.1	7779.4	8582.5	9391.8	10200.9	10676.1	10200.9
8916.7	50°	8453.9	7991.2	7993.1	7995.1	9030.4	10065.7	11133.9	12202.0	12847.9	12202.0
10257.4	52.5°	9696.9	9136.6	9079.9	9023.2	10259.8	11496.4	12818.1	14139.6	14913.8	14139.6
11684.6	55°	11130.9	10577.3	10356.4	10135.5	11511.8	12888.0	14463.6	16039.2	16959.9	16039.2
12982.8	57.5°	12681.3	12379.7	11936.6	11493.6	12883.4	14273.1	16057.7	17842.2	18983.9	17842.2
13767.4	60°	14235.7	14704.2	14153.9	13603.7	14918.9	16234.0	18144.8	20055.5	21289.4	20055.5
13369.0	62.5°	14648.7	15928.3	15866.3	15804.2	17009.0	18213.9	20031.8	21849.5	22990.1	21849.5
12571.6	65°	13772.6	14973.7	15211.3	15448.9	16979.9	18511.1	20273.8	22036.5	23007.5	22036.5
11503.2	67.5°	12645.5	13787.8	13899.2	14010.5	15605.8	17200.9	18971.2	20741.6	21502.3	20741.6
10219.6	70°	11462.0	12704.6	12754.4	12804.3	14230.8	15657.3	17180.8	18704.2	19127.0	18704.2
8689.9	72.5°	10115.7	11541.6	11577.4	11613.1	12729.2	13845.3	14986.4	16127.3	16170.1	16127.3
6754.9	75°	8230.6	9706.2	9838.7	9971.2	10839.6	11707.9	12511.1	13314.3	13099.1	13314.3
4826.2	77.5°	6203.7	7581.4	7771.0	7960.6	8620.7	9280.8	9850.5	10420.2	10050.3	10420.2
3158.8	80°	4317.7	5476.5	5712.2	5947.8	6446.4	6944.7	7243.9	7543.0	6948.0	7543.0
1836.2	82.5°	2628.4	3420.8	3684.1	3947.4	4290.6	4633.7	4758.5	4883.2	4415.6	4883.2
807.9	85°	1228.4	1648.9	1872.8	2096.7	2378.7	2660.5	2731.4	2802.2	2427.7	2802.2
250.1	87.5°	391.4	532.8	657.7	782.6	923.6	1064.6	1070.6	1076.6	903.8	1076.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P949084  
 CATALOG NUMBER: GALN-SB3D-940-U-SLR

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
3031.4	0°	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4	3031.4
3346.0	2.5°	3340.8	3330.3	3319.9	3302.3	3284.7	3272.3	3260.0
3738.2	5°	3724.1	3700.8	3677.6	3634.6	3591.8	3548.5	3505.4
4115.4	7.5°	4094.8	4056.8	4018.7	3955.6	3892.4	3822.3	3752.0
4364.9	10°	4344.9	4300.2	4255.3	4181.2	4107.1	4024.1	3941.0
4446.6	12.5°	4435.6	4403.1	4370.5	4303.7	4236.7	4146.8	4056.8
4357.2	15°	4368.9	4367.7	4366.5	4324.4	4282.4	4204.8	4127.1
4135.7	17.5°	4178.9	4226.0	4273.1	4272.4	4271.6	4219.2	4166.7
3852.7	20°	3928.5	4032.5	4136.4	4191.7	4247.0	4228.6	4210.3
3583.4	22.5°	3678.1	3831.1	3984.1	4098.5	4213.0	4236.9	4260.9
3356.2	25°	3455.7	3641.5	3827.3	4001.0	4174.8	4250.4	4326.1
3174.0	27.5°	3271.9	3477.8	3683.7	3913.8	4144.0	4279.3	4414.5
3044.1	30°	3134.9	3349.4	3563.9	3847.3	4130.6	4332.1	4533.7
3006.8	32.5°	3078.1	3279.7	3481.3	3801.9	4122.5	4398.4	4674.4
3205.3	35°	3221.9	3361.9	3501.9	3835.9	4169.9	4507.6	4845.4
3789.3	37.5°	3713.3	3722.3	3731.4	4035.0	4338.6	4736.0	5133.3
4756.2	40°	4571.3	4411.9	4252.5	4478.3	4704.1	5136.2	5568.4
6059.3	42.5°	5722.9	5375.3	5027.7	5157.8	5287.8	5716.6	6145.3
7639.2	45°	7086.4	6529.4	5972.6	6030.1	6087.4	6472.7	6857.8
9391.8	47.5°	8582.5	7779.4	6976.1	6987.8	6999.4	7374.2	7748.9
11133.9	50°	10065.7	9030.4	7995.1	7993.1	7991.2	8453.9	8916.7
12818.1	52.5°	11496.4	10259.8	9023.2	9079.9	9136.6	9696.9	10257.4
14463.6	55°	12888.0	11511.8	10135.5	10356.4	10577.3	11130.9	11684.6
16057.7	57.5°	14273.1	12883.4	11493.6	11936.6	12379.7	12681.3	12982.8
18144.8	60°	16234.0	14918.9	13603.7	14153.9	14704.2	14235.7	13767.4
20031.8	62.5°	18213.9	17009.0	15804.2	15866.3	15928.3	14648.7	13369.0
20273.8	65°	18511.1	16979.9	15448.9	15211.3	14973.7	13772.6	12571.6
18971.2	67.5°	17200.9	15605.8	14010.5	13899.2	13787.8	12645.5	11503.2
17180.8	70°	15657.3	14230.8	12804.3	12754.4	12704.6	11462.0	10219.6
14986.4	72.5°	13845.3	12729.2	11613.1	11577.4	11541.6	10115.7	8689.9
12511.1	75°	11707.9	10839.6	9971.2	9838.7	9706.2	8230.6	6754.9
9850.5	77.5°	9280.8	8620.7	7960.6	7771.0	7581.4	6203.7	4826.2
7243.9	80°	6944.7	6446.4	5947.8	5712.2	5476.5	4317.7	3158.8
4758.5	82.5°	4633.7	4290.6	3947.4	3684.1	3420.8	2628.4	1836.2
2731.4	85°	2660.5	2378.7	2096.7	1872.8	1648.9	1228.4	807.9
1070.6	87.5°	1064.6	923.6	782.6	657.7	532.8	391.4	250.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)