

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: P948580

Luminaire Tested: **GALN-SB3C-830-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948580  
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-SB3C-830-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

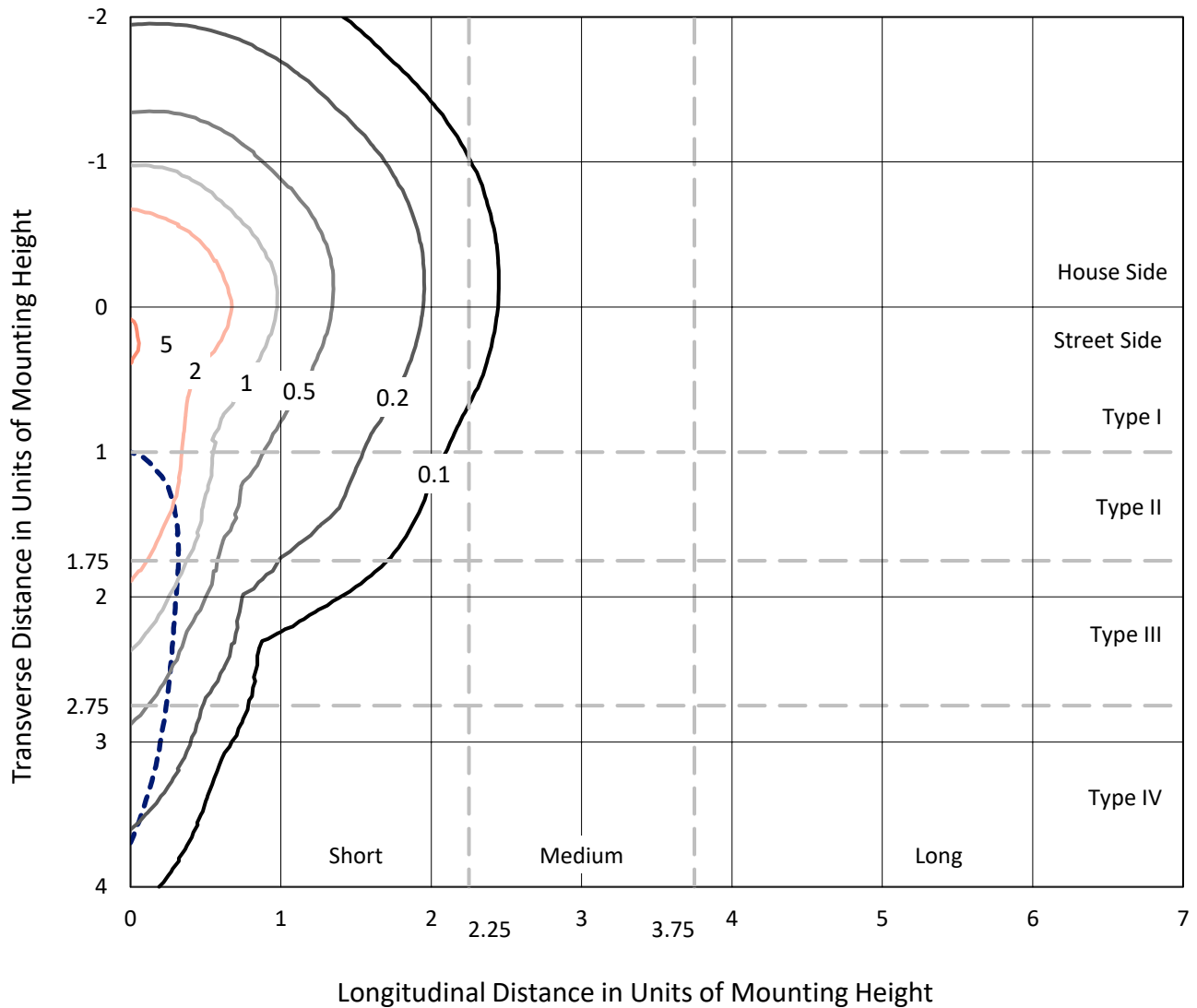
Lumens per Lamp: N/A  
Luminaire Lumens: 20118 lumens  
Efficiency: N/A  
Efficacy: 134.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 149.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
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

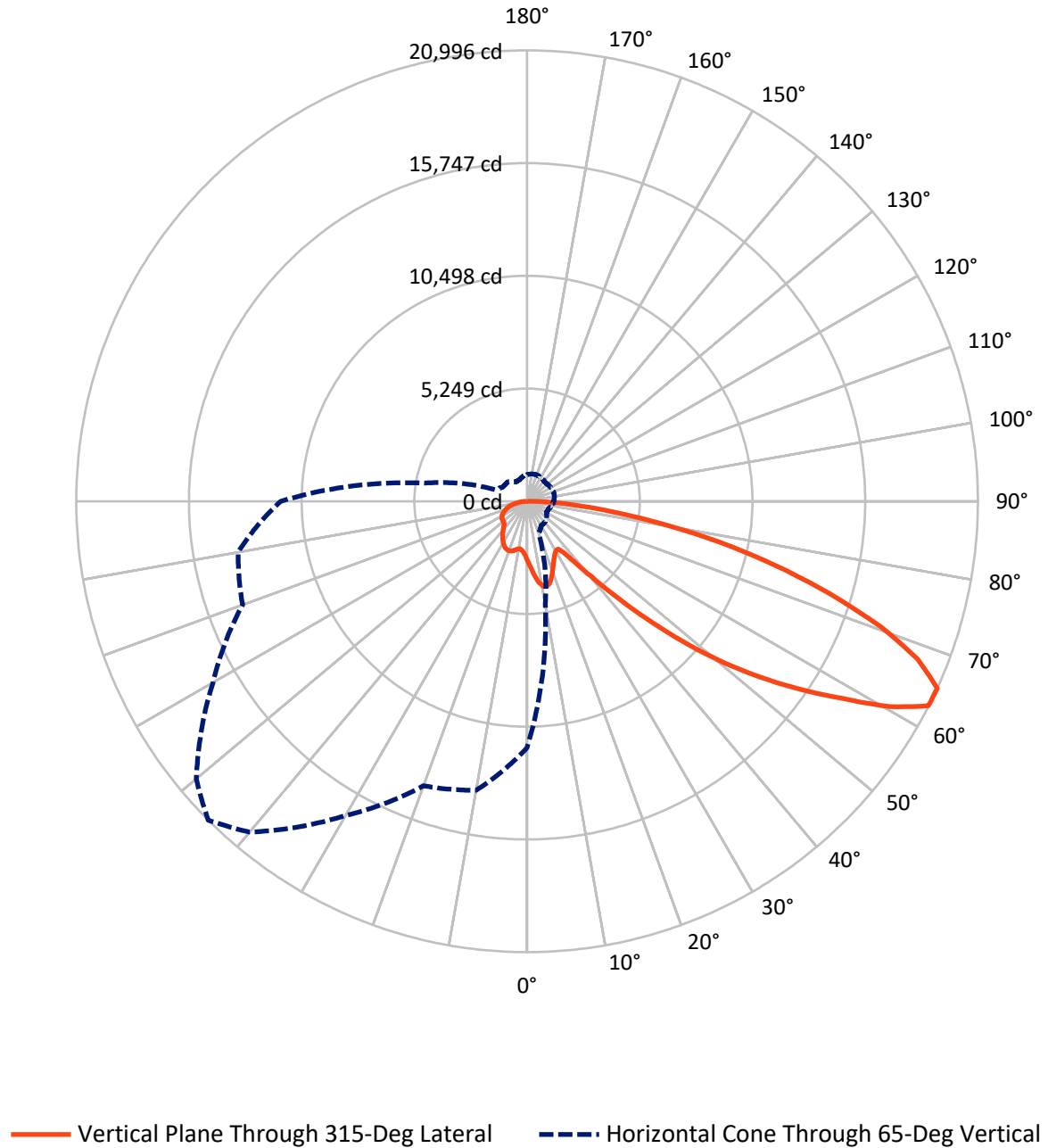
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.5 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5113.0	0.0	5113.0
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	15005.0	0.0	15005.0
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	20118.0	0.0	20118.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	274.4	1.4
10°-20°	861.5	4.3
20°-30°	1330.7	6.6
30°-40°	1686.3	8.4
40°-50°	2543.4	12.6
50°-60°	4109.2	20.4
60°-70°	5122.8	25.5
70°-80°	3359.3	16.7
80°-90°	830.5	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°	20118.0	100.0
0°-180°	20118.0	100.0



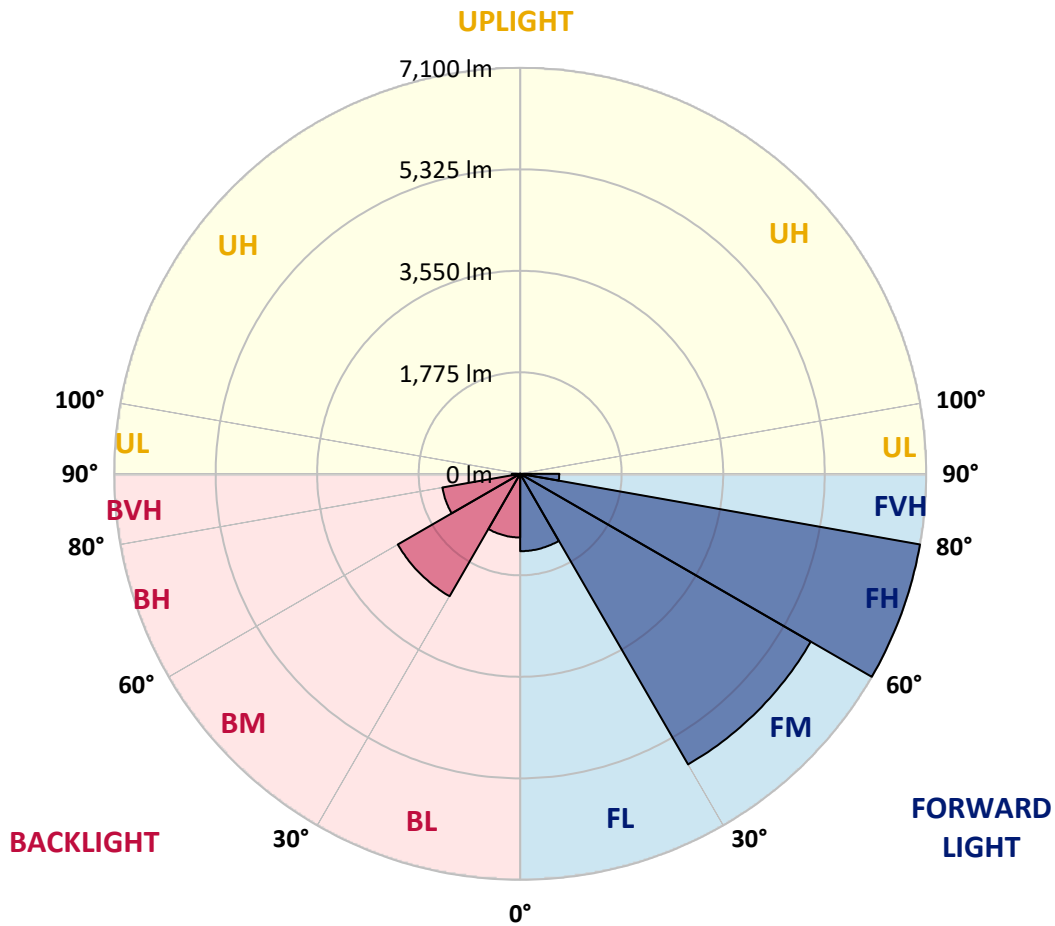
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1353.2	6.7			
FM (30°-60°)	5868.0	29.2			
FH (60°-80°)	7099.7	35.3			G3/7500
FVH (80°-90°)	684.1	3.4			G4/750
BL (0°-30°)	1113.4	5.5	B3/2500		
BM (30°-60°)	2470.9	12.3	B2/2500		
BH (60°-80°)	1382.3	6.9	B3/2500		G3/2500
BVH (80°-90°)	146.3	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°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2.5°	2975.0	2952.2	2929.3	2905.0	2880.8	2856.4	2832.0	2808.6	2785.3	2762.7
5°	3199.0	3148.6	3098.1	3047.8	2997.6	2947.0	2896.4	2849.2	2802.0	2757.4
7.5°	3424.0	3340.8	3257.7	3180.8	3104.0	3029.1	2954.3	2888.4	2822.4	2761.6
10°	3596.5	3491.3	3386.1	3284.5	3183.1	3092.2	3001.2	2923.3	2845.2	2770.1
12.5°	3702.2	3586.6	3471.1	3356.0	3240.9	3133.7	3026.5	2938.3	2850.0	2771.2
15°	3766.4	3645.9	3525.4	3400.6	3275.7	3152.3	3028.8	2926.7	2824.6	2737.2
17.5°	3802.5	3680.3	3558.1	3421.9	3285.7	3142.4	2999.1	2876.3	2753.4	2650.7
20°	3842.3	3715.3	3588.2	3438.6	3288.9	3115.2	2941.6	2789.3	2637.1	2517.5
22.5°	3888.5	3758.7	3628.9	3461.1	3293.1	3081.9	2870.6	2687.3	2504.0	2367.8
25°	3947.9	3820.7	3693.7	3501.8	3309.9	3049.0	2788.2	2573.4	2358.8	2219.2
27.5°	4028.6	3907.4	3786.0	3565.5	3344.9	3027.0	2709.1	2469.3	2229.5	2102.4
30°	4137.4	4020.2	3903.1	3648.0	3392.9	3016.7	2640.3	2382.2	2124.2	2017.5
32.5°	4265.8	4149.8	4033.9	3734.1	3434.3	3004.0	2573.4	2307.2	2040.8	1954.8
35°	4421.9	4310.8	4199.7	3832.2	3464.7	2980.0	2495.5	2233.4	1971.3	1899.6
37.5°	4684.6	4543.0	4401.4	3942.1	3482.7	2938.9	2395.1	2146.6	1898.1	1835.4
40°	5081.6	4875.3	4668.9	4081.6	3494.1	2882.3	2270.7	2043.0	1815.2	1758.5
42.5°	5608.2	5310.3	5012.4	4264.0	3515.6	2823.9	2132.4	1928.6	1724.8	1672.5
45°	6258.4	5856.6	5454.8	4504.2	3553.5	2769.7	1985.9	1807.2	1628.4	1575.3
47.5°	7071.5	6506.0	5940.4	4760.0	3579.5	2724.9	1870.2	1711.1	1552.0	1483.5
50°	8137.3	7284.8	6432.1	4997.4	3562.6	2676.1	1789.6	1647.3	1505.1	1415.0
52.5°	9360.7	8102.8	6844.9	5151.5	3458.0	2593.6	1729.3	1605.3	1481.4	1377.9
55°	10663.3	8828.1	6993.0	5117.5	3242.0	2456.9	1671.7	1574.8	1477.9	1381.6
57.5°	11848.0	9342.1	6836.2	4878.5	2920.9	2264.1	1607.2	1538.7	1470.2	1385.3
60°	12564.0	9470.5	6376.9	4433.6	2490.2	2013.8	1537.3	1483.5	1429.7	1373.6
62.5°	12200.4	8929.6	5658.9	3832.0	2005.1	1714.2	1423.3	1387.6	1351.9	1345.0
65°	11472.7	8164.4	4856.1	3218.2	1580.4	1444.7	1308.9	1292.0	1275.1	1276.0
67.5°	10497.7	7253.7	4009.7	2616.9	1224.2	1185.6	1147.0	1156.5	1165.8	1163.5
70°	9326.2	6260.0	3193.7	2060.5	927.3	938.3	949.2	993.0	1036.6	1036.6
72.5°	7930.3	5182.7	2435.2	1575.2	715.3	748.5	781.8	843.8	905.7	916.1
75°	6164.4	3947.8	1731.2	1143.3	555.4	585.6	615.7	685.1	754.5	802.5
77.5°	4404.4	2763.1	1121.8	774.7	427.6	448.1	468.7	536.1	603.5	682.6
80°	2882.6	1780.2	677.8	499.1	320.6	329.1	337.6	394.7	451.7	546.2
82.5°	1675.7	1030.3	385.1	307.0	229.1	230.6	232.3	274.3	316.3	397.0
85°	737.2	463.5	189.8	164.1	138.5	137.8	136.9	167.7	198.5	258.5
87.5°	228.2	151.8	75.4	68.0	60.7	60.0	59.2	71.8	84.4	109.3
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°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2737.5	2.5°	2717.1	2696.9	2678.5	2660.2	2644.2	2628.2	2612.0	2596.0	2583.6	2571.1
2713.3	5°	2674.9	2636.4	2604.1	2571.9	2543.5	2515.0	2489.2	2463.3	2443.5	2423.5
2704.6	7.5°	2653.4	2602.4	2559.9	2517.5	2481.7	2445.8	2414.2	2382.6	2359.0	2335.4
2708.9	10°	2654.9	2601.0	2558.5	2516.1	2477.6	2438.9	2403.3	2367.8	2339.5	2311.2
2714.2	12.5°	2670.0	2626.1	2597.8	2569.8	2539.4	2509.3	2472.5	2435.7	2399.6	2363.5
2691.6	15°	2670.4	2649.4	2653.2	2657.1	2649.2	2641.3	2609.4	2577.4	2526.1	2474.7
2622.6	17.5°	2630.3	2638.0	2684.2	2730.5	2755.1	2779.7	2753.9	2728.2	2660.1	2592.1
2510.0	20°	2546.1	2582.2	2662.6	2743.0	2794.5	2846.0	2834.1	2822.1	2744.3	2666.6
2382.3	22.5°	2435.7	2489.1	2580.8	2672.8	2739.8	2806.7	2814.0	2821.1	2746.8	2672.5
2258.4	25°	2320.0	2381.6	2464.1	2546.7	2612.6	2678.5	2703.1	2727.7	2666.7	2605.9
2150.2	27.5°	2209.6	2269.1	2336.9	2404.6	2457.5	2510.4	2537.7	2565.2	2521.8	2478.5
2054.9	30°	2102.1	2149.4	2205.7	2261.9	2305.8	2349.7	2372.0	2394.3	2361.3	2328.2
1971.5	32.5°	1999.4	2027.3	2072.3	2117.3	2159.3	2201.4	2226.2	2251.0	2220.7	2190.2
1892.7	35°	1900.4	1908.1	1942.4	1976.6	2018.2	2059.9	2089.7	2119.4	2097.7	2076.2
1810.2	37.5°	1801.7	1793.2	1817.8	1842.3	1883.8	1925.4	1962.2	1998.9	1988.9	1978.9
1719.7	40°	1700.5	1681.3	1699.0	1716.7	1756.9	1797.0	1839.2	1881.6	1884.0	1886.4
1623.6	42.5°	1598.2	1572.7	1587.1	1601.7	1639.7	1677.8	1723.4	1769.1	1781.3	1793.5
1528.1	45°	1503.3	1478.5	1490.6	1502.9	1539.0	1575.1	1622.5	1669.8	1687.3	1704.8
1442.9	47.5°	1422.1	1401.2	1412.7	1424.1	1459.4	1494.7	1541.4	1588.1	1608.2	1628.4
1367.8	50°	1349.3	1331.0	1348.8	1366.7	1400.1	1433.3	1475.1	1517.0	1542.9	1568.8
1311.9	52.5°	1293.6	1275.5	1302.3	1329.1	1359.6	1390.1	1429.1	1468.1	1498.8	1529.5
1282.1	55°	1253.3	1224.5	1262.6	1300.6	1333.5	1366.4	1400.6	1434.7	1467.2	1499.8
1264.3	57.5°	1222.3	1180.2	1221.2	1262.2	1300.8	1339.5	1373.2	1407.1	1439.9	1472.6
1247.5	60°	1193.1	1138.5	1174.5	1210.4	1254.8	1299.1	1333.4	1367.8	1400.7	1433.6
1228.0	62.5°	1159.8	1091.8	1114.6	1137.5	1189.1	1241.0	1277.6	1314.2	1344.3	1374.5
1186.8	65°	1114.4	1041.9	1050.7	1059.4	1114.8	1170.4	1205.4	1240.4	1267.0	1293.5
1113.4	67.5°	1053.1	992.8	990.0	987.2	1038.4	1089.7	1122.9	1156.0	1179.0	1201.9
1020.1	70°	977.3	934.4	924.8	915.3	960.3	1005.3	1033.9	1062.6	1083.3	1104.0
916.3	72.5°	886.9	857.5	843.5	829.6	865.1	900.4	926.3	952.2	972.5	992.8
798.5	75°	775.9	753.2	739.8	726.3	752.6	779.0	802.4	825.9	844.4	862.8
680.5	77.5°	662.3	644.1	630.6	617.0	638.4	659.8	679.9	700.1	719.5	738.8
545.8	80°	530.7	515.4	504.0	492.6	510.4	528.1	545.1	562.1	576.8	591.5
401.5	82.5°	394.0	386.6	378.5	370.5	369.0	367.5	361.6	355.6	387.0	418.5
264.3	85°	256.4	248.4	239.4	230.4	222.7	215.0	198.5	182.1	211.5	241.0
116.8	87.5°	113.6	110.4	108.7	107.0	106.7	106.4	93.8	81.2	93.5	105.9
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):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2561.0	2.5°	2550.9	2543.0	2535.2	2528.0	2520.6	2511.6	2520.6	2528.0	2535.2	2543.0
2409.6	5°	2395.7	2385.8	2376.0	2368.4	2360.9	2353.5	2360.9	2368.4	2376.0	2385.8
2318.8	7.5°	2302.3	2290.9	2279.7	2272.9	2266.2	2261.1	2266.2	2272.9	2279.7	2290.9
2292.7	10°	2274.1	2263.3	2252.6	2246.9	2241.1	2238.8	2241.1	2246.9	2252.6	2263.3
2339.7	12.5°	2315.8	2303.8	2291.9	2287.0	2282.1	2281.3	2282.1	2287.0	2291.9	2303.8
2438.4	15°	2402.1	2385.4	2368.8	2362.5	2356.1	2355.6	2356.1	2362.5	2368.8	2385.4
2538.6	17.5°	2485.1	2460.5	2435.7	2427.7	2419.5	2418.2	2419.5	2427.7	2435.7	2460.5
2601.0	20°	2535.5	2504.0	2472.3	2462.3	2452.2	2449.0	2452.2	2462.3	2472.3	2504.0
2604.9	22.5°	2537.3	2504.1	2470.8	2459.6	2448.5	2443.7	2448.5	2459.6	2470.8	2504.1
2545.8	25°	2485.9	2457.1	2428.3	2417.8	2407.4	2401.2	2407.4	2417.8	2428.3	2457.1
2431.9	27.5°	2385.3	2366.0	2346.6	2341.8	2337.0	2335.4	2337.0	2341.8	2346.6	2366.0
2294.9	30°	2261.3	2251.4	2241.5	2241.5	2241.5	2243.1	2241.5	2241.5	2241.5	2251.4
2163.5	32.5°	2136.9	2130.4	2123.9	2124.8	2125.8	2127.3	2125.8	2124.8	2123.9	2130.4
2051.6	35°	2027.0	2017.2	2007.4	2005.3	2003.1	2002.1	2003.1	2005.3	2007.4	2017.2
1956.3	37.5°	1933.6	1915.7	1897.8	1888.4	1878.9	1873.6	1878.9	1888.4	1897.8	1915.7
1867.2	40°	1847.9	1821.8	1795.9	1778.3	1760.9	1750.5	1760.9	1778.3	1795.9	1821.8
1777.2	42.5°	1761.1	1728.7	1696.4	1670.8	1645.2	1628.4	1645.2	1670.8	1696.4	1728.7
1690.2	45°	1675.7	1638.6	1601.7	1571.6	1541.6	1522.3	1541.6	1571.6	1601.7	1638.6
1618.2	47.5°	1608.0	1575.1	1542.2	1514.4	1486.7	1468.1	1486.7	1514.4	1542.2	1575.1
1568.1	50°	1567.7	1541.4	1515.0	1489.4	1463.7	1445.8	1463.7	1489.4	1515.0	1541.4
1535.0	52.5°	1540.5	1519.1	1497.6	1474.6	1451.7	1435.2	1451.7	1474.6	1497.6	1519.1
1507.4	55°	1515.0	1496.4	1477.7	1457.5	1437.3	1422.5	1437.3	1457.5	1477.7	1496.4
1480.3	57.5°	1488.1	1469.2	1450.3	1430.3	1410.3	1394.9	1410.3	1430.3	1450.3	1469.2
1442.1	60°	1450.6	1432.1	1413.8	1393.2	1372.6	1356.7	1372.6	1393.2	1413.8	1432.1
1382.7	62.5°	1390.8	1374.2	1357.5	1335.9	1314.2	1295.1	1314.2	1335.9	1357.5	1374.2
1301.9	65°	1310.2	1294.1	1278.1	1257.1	1236.2	1219.7	1236.2	1257.1	1278.1	1294.1
1210.1	67.5°	1218.1	1203.4	1188.7	1169.2	1149.7	1134.8	1149.7	1169.2	1188.7	1203.4
1111.9	70°	1119.7	1107.7	1095.7	1077.0	1058.4	1041.4	1058.4	1077.0	1095.7	1107.7
1002.1	72.5°	1011.4	1001.5	991.5	973.7	955.9	939.5	955.9	973.7	991.5	1001.5
872.6	75°	882.4	877.5	872.6	857.6	842.7	826.9	842.7	857.6	872.6	877.5
748.0	77.5°	757.1	750.3	743.3	728.2	713.1	700.6	713.1	728.2	743.3	750.3
603.6	80°	615.7	612.7	609.9	589.6	569.2	545.6	569.2	589.6	609.9	612.7
439.1	82.5°	459.7	458.4	457.0	439.9	422.7	407.6	422.7	439.9	457.0	458.4
266.4	85°	291.9	289.8	287.7	274.3	260.9	247.3	260.9	274.3	287.7	289.8
116.2	87.5°	126.5	124.0	121.2	114.4	107.4	100.8	107.4	114.4	121.2	124.0
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: P948580  
 CATALOG NUMBER: GALN-SB3C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2550.9	2.5°	2561.0	2571.1	2583.6	2596.0	2612.0	2628.2	2644.2	2660.2	2678.5	2696.9
2395.7	5°	2409.6	2423.5	2443.5	2463.3	2489.2	2515.0	2543.5	2571.9	2604.1	2636.4
2302.3	7.5°	2318.8	2335.4	2359.0	2382.6	2414.2	2445.8	2481.7	2517.5	2559.9	2602.4
2274.1	10°	2292.7	2311.2	2339.5	2367.8	2403.3	2438.9	2477.6	2516.1	2558.5	2601.0
2315.8	12.5°	2339.7	2363.5	2399.6	2435.7	2472.5	2509.3	2539.4	2569.8	2597.8	2626.1
2402.1	15°	2438.4	2474.7	2526.1	2577.4	2609.4	2641.3	2649.2	2657.1	2653.2	2649.4
2485.1	17.5°	2538.6	2592.1	2660.1	2728.2	2753.9	2779.7	2755.1	2730.5	2684.2	2638.0
2535.5	20°	2601.0	2666.6	2744.3	2822.1	2834.1	2846.0	2794.5	2743.0	2662.6	2582.2
2537.3	22.5°	2604.9	2672.5	2746.8	2821.1	2814.0	2806.7	2739.8	2672.8	2580.8	2489.1
2485.9	25°	2545.8	2605.9	2666.7	2727.7	2703.1	2678.5	2612.6	2546.7	2464.1	2381.6
2385.3	27.5°	2431.9	2478.5	2521.8	2565.2	2537.7	2510.4	2457.5	2404.6	2336.9	2269.1
2261.3	30°	2294.9	2328.2	2361.3	2394.3	2372.0	2349.7	2305.8	2261.9	2205.7	2149.4
2136.9	32.5°	2163.5	2190.2	2220.7	2251.0	2226.2	2201.4	2159.3	2117.3	2072.3	2027.3
2027.0	35°	2051.6	2076.2	2097.7	2119.4	2089.7	2059.9	2018.2	1976.6	1942.4	1908.1
1933.6	37.5°	1956.3	1978.9	1988.9	1998.9	1962.2	1925.4	1883.8	1842.3	1817.8	1793.2
1847.9	40°	1867.2	1886.4	1884.0	1881.6	1839.2	1797.0	1756.9	1716.7	1699.0	1681.3
1761.1	42.5°	1777.2	1793.5	1781.3	1769.1	1723.4	1677.8	1639.7	1601.7	1587.1	1572.7
1675.7	45°	1690.2	1704.8	1687.3	1669.8	1622.5	1575.1	1539.0	1502.9	1490.6	1478.5
1608.0	47.5°	1618.2	1628.4	1608.2	1588.1	1541.4	1494.7	1459.4	1424.1	1412.7	1401.2
1567.7	50°	1568.1	1568.8	1542.9	1517.0	1475.1	1433.3	1400.1	1366.7	1348.8	1331.0
1540.5	52.5°	1535.0	1529.5	1498.8	1468.1	1429.1	1390.1	1359.6	1329.1	1302.3	1275.5
1515.0	55°	1507.4	1499.8	1467.2	1434.7	1400.6	1366.4	1333.5	1300.6	1262.6	1224.5
1488.1	57.5°	1480.3	1472.6	1439.9	1407.1	1373.2	1339.5	1300.8	1262.2	1221.2	1180.2
1450.6	60°	1442.1	1433.6	1400.7	1367.8	1333.4	1299.1	1254.8	1210.4	1174.5	1138.5
1390.8	62.5°	1382.7	1374.5	1344.3	1314.2	1277.6	1241.0	1189.1	1137.5	1114.6	1091.8
1310.2	65°	1301.9	1293.5	1267.0	1240.4	1205.4	1170.4	1114.8	1059.4	1050.7	1041.9
1218.1	67.5°	1210.1	1201.9	1179.0	1156.0	1122.9	1089.7	1038.4	987.2	990.0	992.8
1119.7	70°	1111.9	1104.0	1083.3	1062.6	1033.9	1005.3	960.3	915.3	924.8	934.4
1011.4	72.5°	1002.1	992.8	972.5	952.2	926.3	900.4	865.1	829.6	843.5	857.5
882.4	75°	872.6	862.8	844.4	825.9	802.4	779.0	752.6	726.3	739.8	753.2
757.1	77.5°	748.0	738.8	719.5	700.1	679.9	659.8	638.4	617.0	630.6	644.1
615.7	80°	603.6	591.5	576.8	562.1	545.1	528.1	510.4	492.6	504.0	515.4
459.7	82.5°	439.1	418.5	387.0	355.6	361.6	367.5	369.0	370.5	378.5	386.6
291.9	85°	266.4	241.0	211.5	182.1	198.5	215.0	222.7	230.4	239.4	248.4
126.5	87.5°	116.2	105.9	93.5	81.2	93.8	106.4	106.7	107.0	108.7	110.4
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°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2717.1	2.5°	2737.5	2762.7	2785.3	2808.6	2832.0	2856.4	2880.8	2905.0	2929.3	2952.2
2674.9	5°	2713.3	2757.4	2802.0	2849.2	2896.4	2947.0	2997.6	3047.8	3098.1	3148.6
2653.4	7.5°	2704.6	2761.6	2822.4	2888.4	2954.3	3029.1	3104.0	3180.8	3257.7	3340.8
2654.9	10°	2708.9	2770.1	2845.2	2923.3	3001.2	3092.2	3183.1	3284.5	3386.1	3491.3
2670.0	12.5°	2714.2	2771.2	2850.0	2938.3	3026.5	3133.7	3240.9	3356.0	3471.1	3586.6
2670.4	15°	2691.6	2737.2	2824.6	2926.7	3028.8	3152.3	3275.7	3400.6	3525.4	3645.9
2630.3	17.5°	2622.6	2650.7	2753.4	2876.3	2999.1	3142.4	3285.7	3421.9	3558.1	3680.3
2546.1	20°	2510.0	2517.5	2637.1	2789.3	2941.6	3115.2	3288.9	3438.6	3588.2	3715.3
2435.7	22.5°	2382.3	2367.8	2504.0	2687.3	2870.6	3081.9	3293.1	3461.1	3628.9	3758.7
2320.0	25°	2258.4	2219.2	2358.8	2573.4	2788.2	3049.0	3309.9	3501.8	3693.7	3820.7
2209.6	27.5°	2150.2	2102.4	2229.5	2469.3	2709.1	3027.0	3344.9	3565.5	3786.0	3907.4
2102.1	30°	2054.9	2017.5	2124.2	2382.2	2640.3	3016.7	3392.9	3648.0	3903.1	4020.2
1999.4	32.5°	1971.5	1954.8	2040.8	2307.2	2573.4	3004.0	3434.3	3734.1	4033.9	4149.8
1900.4	35°	1892.7	1899.6	1971.3	2233.4	2495.5	2980.0	3464.7	3832.2	4199.7	4310.8
1801.7	37.5°	1810.2	1835.4	1898.1	2146.6	2395.1	2938.9	3482.7	3942.1	4401.4	4543.0
1700.5	40°	1719.7	1758.5	1815.2	2043.0	2270.7	2882.3	3494.1	4081.6	4668.9	4875.3
1598.2	42.5°	1623.6	1672.5	1724.8	1928.6	2132.4	2823.9	3515.6	4264.0	5012.4	5310.3
1503.3	45°	1528.1	1575.3	1628.4	1807.2	1985.9	2769.7	3553.5	4504.2	5454.8	5856.6
1422.1	47.5°	1442.9	1483.5	1552.0	1711.1	1870.2	2724.9	3579.5	4760.0	5940.4	6506.0
1349.3	50°	1367.8	1415.0	1505.1	1647.3	1789.6	2676.1	3562.6	4997.4	6432.1	7284.8
1293.6	52.5°	1311.9	1377.9	1481.4	1605.3	1729.3	2593.6	3458.0	5151.5	6844.9	8102.8
1253.3	55°	1282.1	1381.6	1477.9	1574.8	1671.7	2456.9	3242.0	5117.5	6993.0	8828.1
1222.3	57.5°	1264.3	1385.3	1470.2	1538.7	1607.2	2264.1	2920.9	4878.5	6836.2	9342.1
1193.1	60°	1247.5	1373.6	1429.7	1483.5	1537.3	2013.8	2490.2	4433.6	6376.9	9470.5
1159.8	62.5°	1228.0	1345.0	1351.9	1387.6	1423.3	1714.2	2005.1	3832.0	5658.9	8929.6
1114.4	65°	1186.8	1276.0	1275.1	1292.0	1308.9	1444.7	1580.4	3218.2	4856.1	8164.4
1053.1	67.5°	1113.4	1163.5	1165.8	1156.5	1147.0	1185.6	1224.2	2616.9	4009.7	7253.7
977.3	70°	1020.1	1036.6	1036.6	993.0	949.2	938.3	927.3	2060.5	3193.7	6260.0
886.9	72.5°	916.3	916.1	905.7	843.8	781.8	748.5	715.3	1575.2	2435.2	5182.7
775.9	75°	798.5	802.5	754.5	685.1	615.7	585.6	555.4	1143.3	1731.2	3947.8
662.3	77.5°	680.5	682.6	603.5	536.1	468.7	448.1	427.6	774.7	1121.8	2763.1
530.7	80°	545.8	546.2	451.7	394.7	337.6	329.1	320.6	499.1	677.8	1780.2
394.0	82.5°	401.5	397.0	316.3	274.3	232.3	230.6	229.1	307.0	385.1	1030.3
256.4	85°	264.3	258.5	198.5	167.7	136.9	137.8	138.5	164.1	189.8	463.5
113.6	87.5°	116.8	109.3	84.4	71.8	59.2	60.0	60.7	68.0	75.4	151.8
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-SB3C-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
2975.0	2.5°	2986.2	2997.6	3013.6	3029.7	3039.2	3048.8	3053.5	3058.3	3056.2	3058.3
3199.0	5°	3238.4	3277.9	3316.9	3356.1	3377.3	3398.6	3411.4	3424.3	3434.1	3424.3
3424.0	7.5°	3488.1	3552.2	3609.8	3667.4	3702.2	3736.9	3755.7	3774.3	3783.4	3774.3
3596.5	10°	3672.3	3748.1	3815.7	3883.4	3924.3	3965.1	3983.4	4001.5	4008.4	4001.5
3702.2	12.5°	3784.3	3866.4	3927.5	3988.5	4018.2	4047.9	4057.9	4067.9	4068.9	4067.9
3766.4	15°	3837.3	3908.1	3946.4	3984.8	3985.9	3987.0	3976.4	3965.7	3953.2	3965.7
3802.5	17.5°	3850.3	3898.2	3899.0	3899.6	3856.6	3813.6	3774.2	3734.7	3706.9	3734.7
3842.3	20°	3858.9	3875.7	3825.3	3774.9	3680.0	3585.1	3516.0	3446.9	3404.4	3446.9
3888.5	22.5°	3866.6	3844.7	3740.3	3635.8	3496.2	3356.6	3270.2	3183.8	3136.9	3183.8
3947.9	25°	3878.9	3809.9	3651.3	3492.7	3323.2	3153.7	3062.8	2972.1	2927.8	2972.1
4028.6	27.5°	3905.2	3781.8	3571.7	3361.7	3173.8	2985.9	2896.5	2807.3	2765.3	2807.3
4137.4	30°	3953.4	3769.6	3511.0	3252.4	3056.6	2860.9	2778.0	2695.1	2656.0	2695.1
4265.8	32.5°	4013.9	3762.1	3469.6	3177.0	2993.0	2809.1	2744.0	2678.8	2650.7	2678.8
4421.9	35°	4113.6	3805.4	3500.6	3195.8	3068.0	2940.3	2925.1	2909.9	2907.6	2909.9
4684.6	37.5°	4322.0	3959.4	3682.3	3405.2	3397.0	3388.7	3458.1	3527.5	3563.6	3527.5
5081.6	40°	4687.3	4292.9	4086.9	3880.8	4026.2	4171.7	4340.5	4509.3	4593.3	4509.3
5608.2	42.5°	5216.9	4825.6	4706.9	4588.2	4905.4	5222.6	5529.6	5836.6	6016.9	5836.6
6258.4	45°	5906.9	5555.3	5503.0	5450.5	5958.7	6467.0	6971.4	7476.0	7782.2	7476.0
7071.5	47.5°	6729.6	6387.6	6376.9	6366.3	7099.4	7832.3	8570.8	9309.3	9742.9	9309.3
8137.3	50°	7714.9	7292.6	7294.4	7296.2	8241.0	9185.8	10160.6	11135.4	11724.8	11135.4
9360.7	52.5°	8849.3	8337.9	8286.2	8234.4	9363.0	10491.5	11697.6	12903.7	13610.1	12903.7
10663.3	55°	10158.0	9652.7	9451.1	9249.5	10505.5	11761.4	13199.3	14637.2	15477.4	14637.2
11848.0	57.5°	11572.8	11297.5	10893.2	10489.0	11757.2	13025.4	14654.1	16282.6	17324.5	16282.6
12564.0	60°	12991.4	13418.8	12916.7	12414.6	13614.8	14815.0	16558.7	18302.4	19428.5	18302.4
12200.4	62.5°	13368.2	14536.0	14479.4	14422.7	15522.2	16621.7	18280.7	19939.6	20980.5	19939.6
11472.7	65°	12568.7	13664.8	13881.7	14098.4	15495.7	16893.0	18501.6	20110.2	20996.4	20110.2
10497.7	67.5°	11540.1	12582.5	12684.2	12785.8	14241.6	15697.3	17312.9	18928.5	19622.7	18928.5
9326.2	70°	10460.1	11594.0	11639.5	11685.0	12986.9	14288.7	15679.0	17069.2	17455.1	17069.2
7930.3	72.5°	9231.4	10532.7	10565.4	10598.0	11616.5	12635.1	13676.4	14717.5	14756.6	14717.5
6164.4	75°	7511.1	8857.8	8978.7	9099.6	9892.0	10684.5	11417.5	12150.5	11954.1	12150.5
4404.4	77.5°	5661.5	6918.6	7091.7	7264.7	7867.1	8469.6	8989.4	9509.4	9171.8	9509.4
2882.6	80°	3940.3	4997.8	5212.8	5427.9	5882.9	6337.7	6610.7	6883.6	6340.6	6883.6
1675.7	82.5°	2398.7	3121.8	3362.0	3602.4	3915.5	4228.7	4342.6	4456.4	4029.6	4456.4
737.2	85°	1121.0	1504.7	1709.1	1913.4	2170.8	2428.0	2492.6	2557.3	2215.5	2557.3
228.2	87.5°	357.2	486.2	600.2	714.2	842.9	971.5	977.1	982.5	824.8	982.5
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°
2766.4	0°	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4	2766.4
3053.5	2.5°	3048.8	3039.2	3029.7	3013.6	2997.6	2986.2	2975.0
3411.4	5°	3398.6	3377.3	3356.1	3316.9	3277.9	3238.4	3199.0
3755.7	7.5°	3736.9	3702.2	3667.4	3609.8	3552.2	3488.1	3424.0
3983.4	10°	3965.1	3924.3	3883.4	3815.7	3748.1	3672.3	3596.5
4057.9	12.5°	4047.9	4018.2	3988.5	3927.5	3866.4	3784.3	3702.2
3976.4	15°	3987.0	3985.9	3984.8	3946.4	3908.1	3837.3	3766.4
3774.2	17.5°	3813.6	3856.6	3899.6	3899.0	3898.2	3850.3	3802.5
3516.0	20°	3585.1	3680.0	3774.9	3825.3	3875.7	3858.9	3842.3
3270.2	22.5°	3356.6	3496.2	3635.8	3740.3	3844.7	3866.6	3888.5
3062.8	25°	3153.7	3323.2	3492.7	3651.3	3809.9	3878.9	3947.9
2896.5	27.5°	2985.9	3173.8	3361.7	3571.7	3781.8	3905.2	4028.6
2778.0	30°	2860.9	3056.6	3252.4	3511.0	3769.6	3953.4	4137.4
2744.0	32.5°	2809.1	2993.0	3177.0	3469.6	3762.1	4013.9	4265.8
2925.1	35°	2940.3	3068.0	3195.8	3500.6	3805.4	4113.6	4421.9
3458.1	37.5°	3388.7	3397.0	3405.2	3682.3	3959.4	4322.0	4684.6
4340.5	40°	4171.7	4026.2	3880.8	4086.9	4292.9	4687.3	5081.6
5529.6	42.5°	5222.6	4905.4	4588.2	4706.9	4825.6	5216.9	5608.2
6971.4	45°	6467.0	5958.7	5450.5	5503.0	5555.3	5906.9	6258.4
8570.8	47.5°	7832.3	7099.4	6366.3	6376.9	6387.6	6729.6	7071.5
10160.6	50°	9185.8	8241.0	7296.2	7294.4	7292.6	7714.9	8137.3
11697.6	52.5°	10491.5	9363.0	8234.4	8286.2	8337.9	8849.3	9360.7
13199.3	55°	11761.4	10505.5	9249.5	9451.1	9652.7	10158.0	10663.3
14654.1	57.5°	13025.4	11757.2	10489.0	10893.2	11297.5	11572.8	11848.0
16558.7	60°	14815.0	13614.8	12414.6	12916.7	13418.8	12991.4	12564.0
18280.7	62.5°	16621.7	15522.2	14422.7	14479.4	14536.0	13368.2	12200.4
18501.6	65°	16893.0	15495.7	14098.4	13881.7	13664.8	12568.7	11472.7
17312.9	67.5°	15697.3	14241.6	12785.8	12684.2	12582.5	11540.1	10497.7
15679.0	70°	14288.7	12986.9	11685.0	11639.5	11594.0	10460.1	9326.2
13676.4	72.5°	12635.1	11616.5	10598.0	10565.4	10532.7	9231.4	7930.3
11417.5	75°	10684.5	9892.0	9099.6	8978.7	8857.8	7511.1	6164.4
8989.4	77.5°	8469.6	7867.1	7264.7	7091.7	6918.6	5661.5	4404.4
6610.7	80°	6337.7	5882.9	5427.9	5212.8	4997.8	3940.3	2882.6
4342.6	82.5°	4228.7	3915.5	3602.4	3362.0	3121.8	2398.7	1675.7
2492.6	85°	2428.0	2170.8	1913.4	1709.1	1504.7	1121.0	737.2
977.1	87.5°	971.5	842.9	714.2	600.2	486.2	357.2	228.2
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)