

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: P947068

Luminaire Tested: **GALN-SB2C-740-U-SLR**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P947068  
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-SB2C-740-U-SLR  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(2) 70 CRI, 4000K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

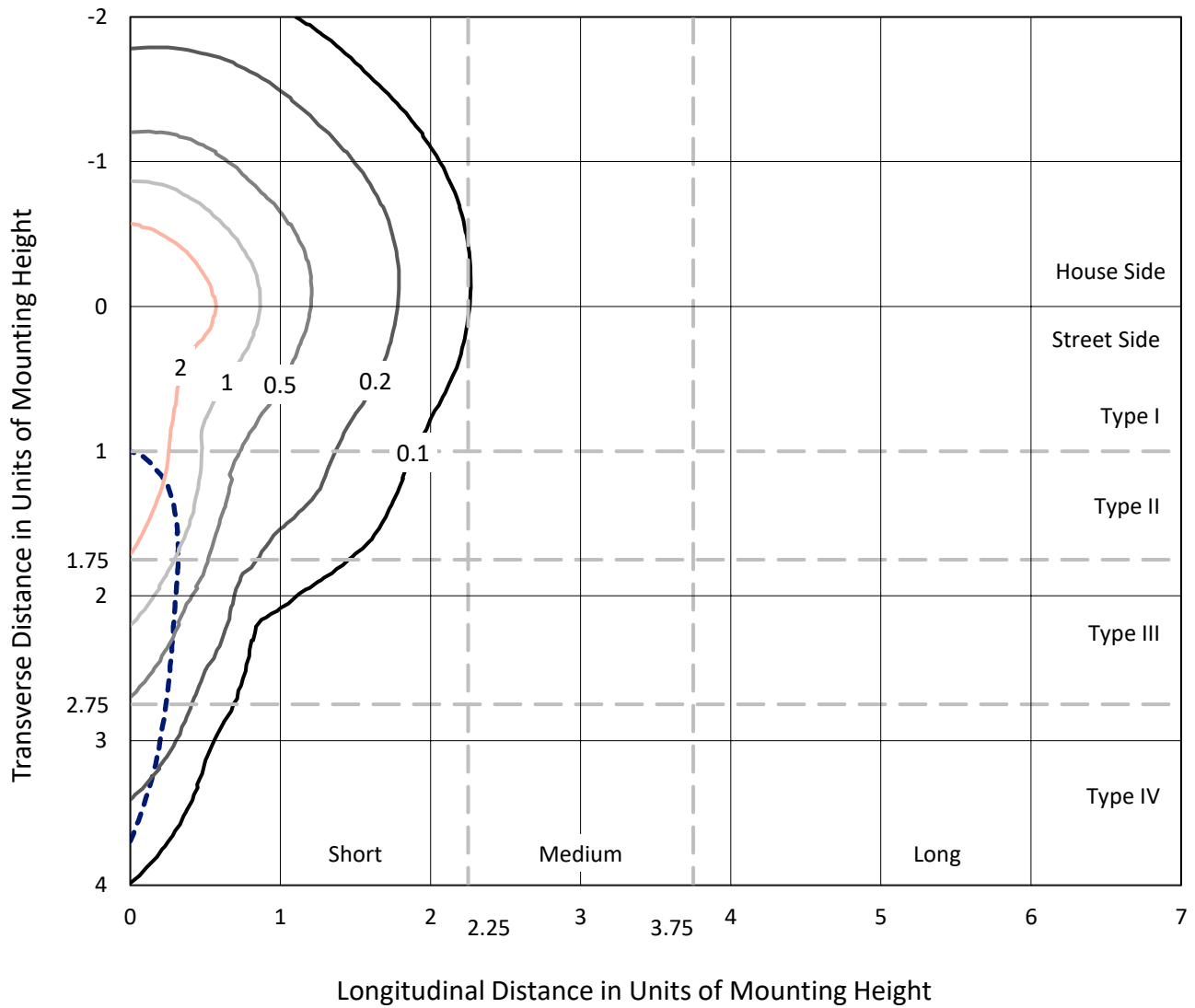
Lumens per Lamp: N/A  
Luminaire Lumens: 15788 lumens  
Efficiency: N/A  
Efficacy: 156.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 100.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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



REPORT NUMBER: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

### Iso-Footcandle Lines of Horizontal Illumination

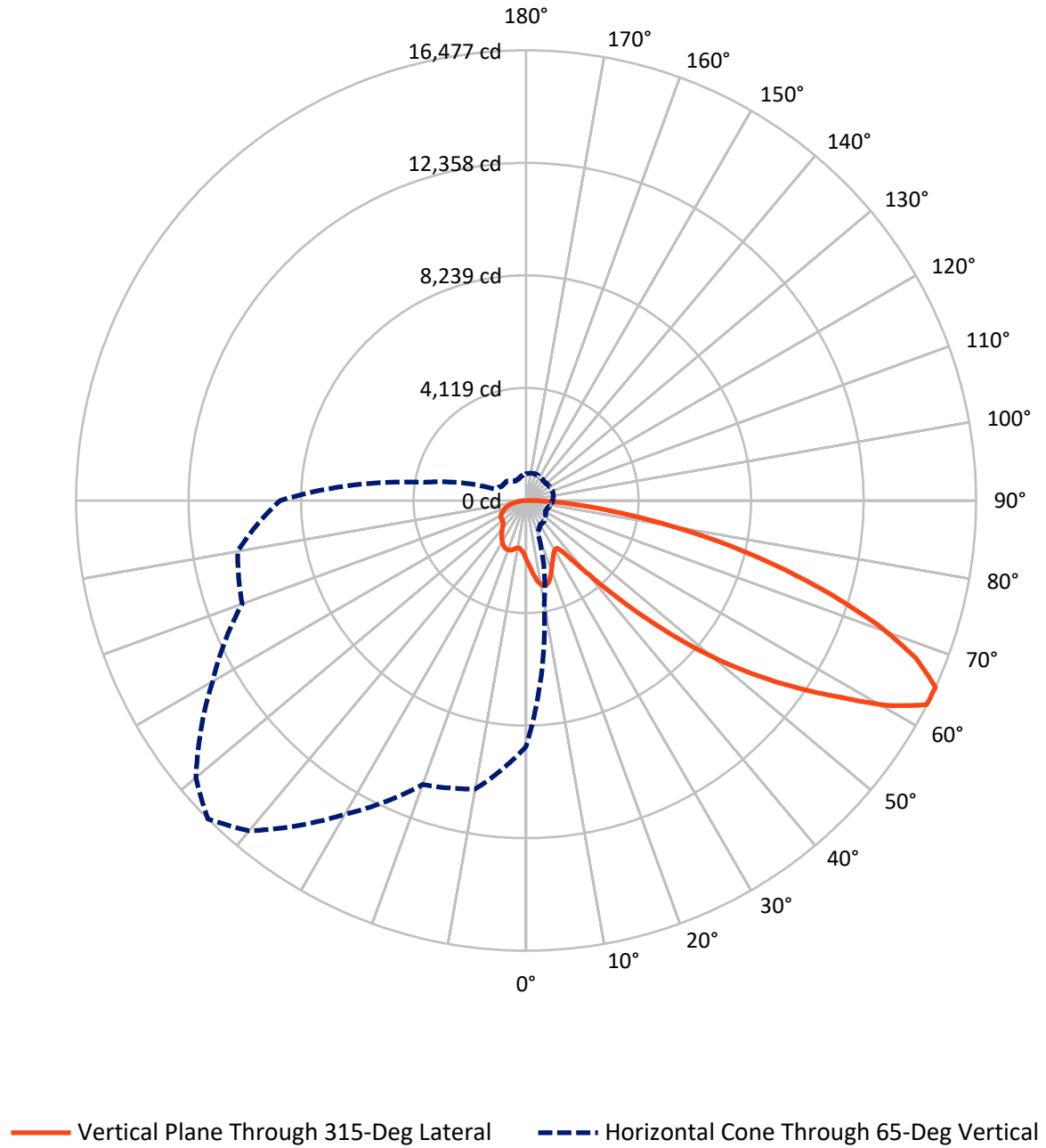
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P947068  
CATALOG NUMBER: GALN-SB2C-740-U-SLR

### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4012.5	0.0	4012.5
	% Fixture	25.4	0.0	25.4
<b>Street Side</b>	Lumens	11775.5	0.0	11775.5
	% Fixture	74.6	0.0	74.6
<b>Total</b>	Lumens	15788.0	0.0	15788.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.4	1.4
10°-20°	676.1	4.3
20°-30°	1044.3	6.6
30°-40°	1323.4	8.4
40°-50°	1996.0	12.6
50°-60°	3224.8	20.4
60°-70°	4020.2	25.5
70°-80°	2636.2	16.7
80°-90°	651.7	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°	15788.0	100.0
0°-180°	15788.0	100.0



REPORT NUMBER: P947068

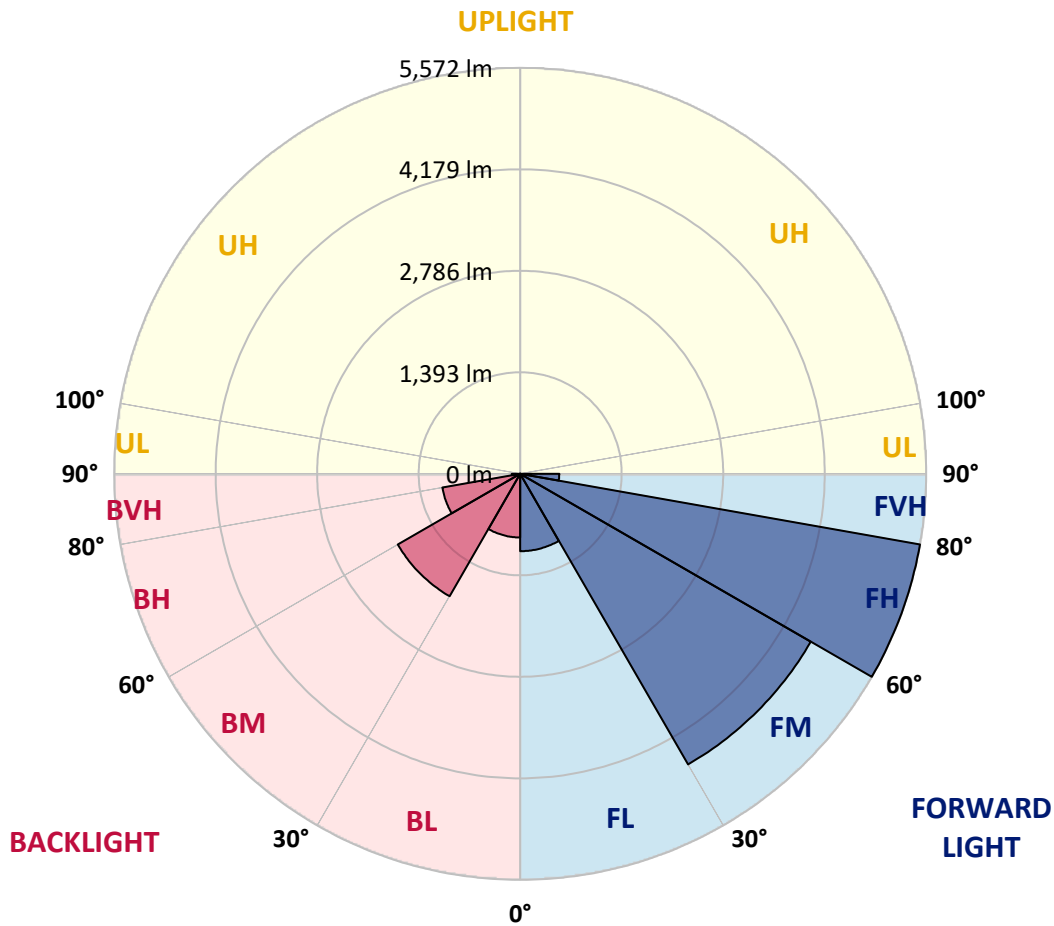
CATALOG NUMBER: GALN-SB2C-740-U-SLR

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1061.9	6.7			
FM (30°-60°)	4605.0	29.2			
FH (60°-80°)	5571.6	35.3			G3/7500
FVH (80°-90°)	536.9	3.4			G4/750
BL (0°-30°)	873.8	5.5	B2/1000		
BM (30°-60°)	1939.1	12.3	B2/2500		
BH (60°-80°)	1084.8	6.9	B3/2500		G3/2500
BVH (80°-90°)	114.8	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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2.5°	2334.7	2316.8	2298.9	2279.8	2260.8	2241.6	2222.5	2204.1	2185.8	2168.1
5°	2510.5	2470.9	2431.3	2391.8	2352.4	2312.7	2273.0	2236.0	2198.9	2163.9
7.5°	2687.1	2621.8	2556.5	2496.2	2435.9	2377.2	2318.4	2266.7	2215.0	2167.2
10°	2822.4	2739.9	2657.3	2577.6	2498.0	2426.7	2355.3	2294.1	2232.8	2173.9
12.5°	2905.3	2814.6	2724.0	2633.7	2543.4	2459.2	2375.1	2305.9	2236.6	2174.7
15°	2955.7	2861.2	2766.6	2668.7	2570.7	2473.8	2376.9	2296.8	2216.6	2148.1
17.5°	2984.1	2888.2	2792.3	2685.4	2578.5	2466.1	2353.6	2257.2	2160.8	2080.2
20°	3015.3	2915.7	2816.0	2698.5	2581.0	2444.7	2308.4	2189.0	2069.5	1975.6
22.5°	3051.5	2949.7	2847.9	2716.1	2584.4	2418.6	2252.8	2108.9	1965.1	1858.2
25°	3098.2	2998.4	2898.7	2748.1	2597.5	2392.7	2188.1	2019.5	1851.1	1741.5
27.5°	3161.5	3066.4	2971.2	2798.1	2625.0	2375.5	2126.0	1937.8	1749.6	1649.9
30°	3246.9	3154.9	3063.0	2862.9	2662.7	2367.4	2072.0	1869.5	1667.0	1583.3
32.5°	3347.7	3256.6	3165.7	2930.4	2695.2	2357.4	2019.5	1810.6	1601.6	1534.1
35°	3470.2	3383.0	3295.8	3007.4	2719.0	2338.6	1958.4	1752.7	1547.0	1490.8
37.5°	3676.3	3565.2	3454.1	3093.6	2733.1	2306.4	1879.6	1684.6	1489.5	1440.4
40°	3987.9	3826.0	3664.0	3203.1	2742.1	2262.0	1781.9	1603.2	1424.6	1380.0
42.5°	4401.1	4167.4	3933.6	3346.3	2759.0	2216.1	1673.5	1513.5	1353.6	1312.5
45°	4911.4	4596.1	4280.7	3534.7	2788.7	2173.6	1558.5	1418.2	1277.9	1236.3
47.5°	5549.5	5105.7	4661.9	3735.5	2809.1	2138.4	1467.7	1342.8	1218.0	1164.2
50°	6385.9	5716.9	5047.8	3921.8	2795.8	2100.1	1404.4	1292.8	1181.1	1110.5
52.5°	7346.0	6358.8	5371.6	4042.7	2713.7	2035.4	1357.1	1259.8	1162.6	1081.3
55°	8368.2	6928.0	5487.9	4016.1	2544.2	1928.1	1311.9	1235.9	1159.8	1084.2
57.5°	9297.9	7331.4	5364.8	3828.5	2292.2	1776.8	1261.3	1207.5	1153.8	1087.2
60°	9859.8	7432.2	5004.4	3479.3	1954.2	1580.3	1206.5	1164.2	1122.0	1078.0
62.5°	9574.5	7007.7	4440.9	3007.2	1573.5	1345.2	1117.0	1088.9	1060.9	1055.5
65°	9003.4	6407.2	3810.9	2525.5	1240.3	1133.7	1027.2	1013.9	1000.7	1001.4
67.5°	8238.3	5692.5	3146.7	2053.7	960.7	930.5	900.1	907.5	914.9	913.0
70°	7319.0	4912.6	2506.3	1617.0	727.7	736.4	744.9	779.3	813.5	813.5
72.5°	6223.5	4067.2	1911.1	1236.2	561.3	587.4	613.6	662.2	710.8	718.9
75°	4837.6	3098.1	1358.6	897.2	435.9	459.5	483.2	537.7	592.1	629.8
77.5°	3456.4	2168.4	880.4	608.0	335.6	351.6	367.8	420.7	473.6	535.7
80°	2262.2	1397.1	531.9	391.7	251.6	258.3	264.9	309.7	354.5	428.6
82.5°	1315.0	808.6	302.2	240.9	179.8	180.9	182.3	215.3	248.3	311.6
85°	578.6	363.7	149.0	128.8	108.7	108.1	107.5	131.6	155.8	202.9
87.5°	179.1	119.1	59.1	53.4	47.7	47.1	46.5	56.3	66.2	85.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2148.3	2.5°	2132.3	2116.4	2102.0	2087.7	2075.1	2062.5	2049.9	2037.3	2027.5	2017.7
2129.3	5°	2099.2	2068.9	2043.6	2018.4	1996.0	1973.7	1953.5	1933.1	1917.6	1901.9
2122.5	7.5°	2082.3	2042.3	2009.0	1975.6	1947.6	1919.4	1894.6	1869.8	1851.3	1832.8
2125.8	10°	2083.5	2041.2	2007.9	1974.5	1944.3	1914.0	1886.1	1858.2	1836.0	1813.8
2130.0	12.5°	2095.3	2060.9	2038.7	2016.7	1992.9	1969.2	1940.3	1911.5	1883.2	1854.8
2112.3	15°	2095.7	2079.2	2082.2	2085.2	2079.0	2072.9	2047.8	2022.7	1982.4	1942.1
2058.1	17.5°	2064.2	2070.2	2106.5	2142.8	2162.2	2181.4	2161.2	2141.0	2087.6	2034.2
1969.8	20°	1998.1	2026.4	2089.5	2152.7	2193.1	2233.5	2224.1	2214.7	2153.7	2092.7
1869.6	22.5°	1911.5	1953.4	2025.4	2097.5	2150.1	2202.6	2208.3	2213.9	2155.6	2097.3
1772.4	25°	1820.7	1869.0	1933.7	1998.5	2050.3	2102.0	2121.3	2140.6	2092.8	2045.0
1687.4	27.5°	1734.0	1780.7	1833.9	1887.1	1928.6	1970.0	1991.5	2013.1	1979.0	1945.1
1612.7	30°	1649.6	1686.8	1731.0	1775.1	1809.5	1844.0	1861.5	1879.0	1853.1	1827.1
1547.2	32.5°	1569.1	1591.0	1626.2	1661.6	1694.6	1727.6	1747.0	1766.5	1742.7	1718.8
1485.4	35°	1491.4	1497.4	1524.4	1551.2	1583.8	1616.6	1639.9	1663.2	1646.2	1629.3
1420.6	37.5°	1413.9	1407.2	1426.6	1445.8	1478.4	1511.0	1539.9	1568.7	1560.8	1553.0
1349.6	40°	1334.5	1319.4	1333.3	1347.2	1378.7	1410.2	1443.4	1476.6	1478.5	1480.4
1274.2	42.5°	1254.2	1234.2	1245.5	1256.9	1286.8	1316.7	1352.5	1388.3	1397.9	1407.5
1199.2	45°	1179.7	1160.3	1169.8	1179.5	1207.8	1236.1	1273.3	1310.4	1324.2	1337.9
1132.3	47.5°	1116.0	1099.7	1108.7	1117.6	1145.3	1173.0	1209.6	1246.3	1262.1	1277.9
1073.4	50°	1058.9	1044.5	1058.5	1072.6	1098.7	1124.8	1157.6	1190.5	1210.8	1231.1
1029.5	52.5°	1015.2	1000.9	1022.0	1043.0	1067.0	1090.9	1121.5	1152.1	1176.2	1200.3
1006.2	55°	983.5	960.9	990.9	1020.7	1046.5	1072.3	1099.2	1125.9	1151.4	1177.0
992.2	57.5°	959.2	926.2	958.4	990.5	1020.8	1051.2	1077.7	1104.2	1130.0	1155.6
979.0	60°	936.3	893.5	921.7	949.9	984.7	1019.5	1046.4	1073.4	1099.2	1125.1
963.7	62.5°	910.2	856.8	874.7	892.6	933.2	973.9	1002.6	1031.3	1055.0	1078.7
931.4	65°	874.6	817.7	824.6	831.4	874.9	918.5	946.0	973.4	994.3	1015.1
873.7	67.5°	826.4	779.1	776.9	774.8	814.9	855.1	881.2	907.2	925.2	943.2
800.6	70°	766.9	733.3	725.8	718.3	753.6	788.9	811.4	833.9	850.2	866.4
719.1	72.5°	696.0	673.0	662.0	651.0	678.9	706.6	726.9	747.3	763.2	779.1
626.6	75°	608.9	591.1	580.6	570.0	590.6	611.3	629.7	648.1	662.6	677.1
534.0	77.5°	519.8	505.5	494.8	484.2	501.0	517.8	533.6	549.4	564.7	579.8
428.4	80°	416.5	404.5	395.5	386.5	400.5	414.5	427.8	441.1	452.7	464.2
315.1	82.5°	309.2	303.4	297.1	290.7	289.6	288.4	283.7	279.1	303.7	328.4
207.4	85°	201.2	194.9	187.9	180.8	174.8	168.7	155.8	142.9	165.9	189.1
91.6	87.5°	89.1	86.6	85.3	84.0	83.7	83.5	73.6	63.7	73.4	83.1
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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2009.8	2.5°	2001.9	1995.7	1989.5	1983.9	1978.1	1971.0	1978.1	1983.9	1989.5	1995.7
1891.0	5°	1880.1	1872.3	1864.6	1858.7	1852.8	1846.9	1852.8	1858.7	1864.6	1872.3
1819.8	7.5°	1806.8	1797.9	1789.0	1783.7	1778.4	1774.4	1778.4	1783.7	1789.0	1797.9
1799.3	10°	1784.6	1776.2	1767.8	1763.3	1758.8	1756.9	1758.8	1763.3	1767.8	1776.2
1836.1	12.5°	1817.3	1807.9	1798.6	1794.8	1790.9	1790.3	1790.9	1794.8	1798.6	1807.9
1913.6	15°	1885.1	1872.0	1859.0	1854.0	1849.0	1848.6	1849.0	1854.0	1859.0	1872.0
1992.2	17.5°	1950.2	1930.9	1911.5	1905.2	1898.7	1897.7	1898.7	1905.2	1911.5	1930.9
2041.2	20°	1989.8	1965.1	1940.2	1932.3	1924.4	1921.9	1924.4	1932.3	1940.2	1965.1
2044.3	22.5°	1991.2	1965.1	1939.0	1930.2	1921.5	1917.7	1921.5	1930.2	1939.0	1965.1
1997.9	25°	1950.9	1928.2	1905.7	1897.4	1889.2	1884.4	1889.2	1897.4	1905.7	1928.2
1908.5	27.5°	1871.9	1856.8	1841.5	1837.8	1834.0	1832.8	1834.0	1837.8	1841.5	1856.8
1800.9	30°	1774.6	1766.9	1759.0	1759.0	1759.0	1760.3	1759.0	1759.0	1759.0	1766.9
1697.9	32.5°	1677.0	1671.9	1666.8	1667.5	1668.2	1669.5	1668.2	1667.5	1666.8	1671.9
1610.0	35°	1590.8	1583.0	1575.3	1573.7	1572.0	1571.2	1572.0	1573.7	1575.3	1583.0
1535.3	37.5°	1517.4	1503.4	1489.4	1482.0	1474.5	1470.4	1474.5	1482.0	1489.4	1503.4
1465.3	40°	1450.2	1429.7	1409.4	1395.6	1381.9	1373.7	1381.9	1395.6	1409.4	1429.7
1394.7	42.5°	1382.1	1356.7	1331.2	1311.2	1291.1	1277.9	1291.1	1311.2	1331.2	1356.7
1326.4	45°	1315.0	1285.9	1256.9	1233.4	1209.8	1194.6	1209.8	1233.4	1256.9	1285.9
1269.9	47.5°	1261.9	1236.1	1210.3	1188.5	1166.7	1152.1	1166.7	1188.5	1210.3	1236.1
1230.6	50°	1230.3	1209.6	1189.0	1168.8	1148.6	1134.6	1148.6	1168.8	1189.0	1209.6
1204.6	52.5°	1209.0	1192.1	1175.3	1157.2	1139.2	1126.3	1139.2	1157.2	1175.3	1192.1
1183.0	55°	1189.0	1174.3	1159.6	1143.8	1128.0	1116.3	1128.0	1143.8	1159.6	1174.3
1161.7	57.5°	1167.8	1153.0	1138.1	1122.5	1106.7	1094.7	1106.7	1122.5	1138.1	1153.0
1131.7	60°	1138.4	1123.9	1109.5	1093.3	1077.2	1064.7	1077.2	1093.3	1109.5	1123.9
1085.1	62.5°	1091.5	1078.4	1065.3	1048.3	1031.3	1016.3	1031.3	1048.3	1065.3	1078.4
1021.7	65°	1028.2	1015.6	1003.0	986.5	970.1	957.2	970.1	986.5	1003.0	1015.6
949.6	67.5°	956.0	944.4	932.9	917.5	902.2	890.6	902.2	917.5	932.9	944.4
872.6	70°	878.7	869.3	859.9	845.2	830.6	817.2	830.6	845.2	859.9	869.3
786.4	72.5°	793.8	785.9	778.1	764.1	750.2	737.3	750.2	764.1	778.1	785.9
684.8	75°	692.4	688.6	684.8	673.0	661.3	649.0	661.3	673.0	684.8	688.6
587.0	77.5°	594.1	588.8	583.3	571.5	559.7	549.8	559.7	571.5	583.3	588.8
473.7	80°	483.2	480.8	478.6	462.7	446.7	428.2	446.7	462.7	478.6	480.8
344.6	82.5°	360.7	359.7	358.6	345.2	331.7	319.9	331.7	345.2	358.6	359.7
209.1	85°	229.1	227.4	225.8	215.3	204.8	194.1	204.8	215.3	225.8	227.4
91.2	87.5°	99.3	97.3	95.1	89.8	84.3	79.1	84.3	89.8	95.1	97.3
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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2001.9	2.5°	2009.8	2017.7	2027.5	2037.3	2049.9	2062.5	2075.1	2087.7	2102.0	2116.4
1880.1	5°	1891.0	1901.9	1917.6	1933.1	1953.5	1973.7	1996.0	2018.4	2043.6	2068.9
1806.8	7.5°	1819.8	1832.8	1851.3	1869.8	1894.6	1919.4	1947.6	1975.6	2009.0	2042.3
1784.6	10°	1799.3	1813.8	1836.0	1858.2	1886.1	1914.0	1944.3	1974.5	2007.9	2041.2
1817.3	12.5°	1836.1	1854.8	1883.2	1911.5	1940.3	1969.2	1992.9	2016.7	2038.7	2060.9
1885.1	15°	1913.6	1942.1	1982.4	2022.7	2047.8	2072.9	2079.0	2085.2	2082.2	2079.2
1950.2	17.5°	1992.2	2034.2	2087.6	2141.0	2161.2	2181.4	2162.2	2142.8	2106.5	2070.2
1989.8	20°	2041.2	2092.7	2153.7	2214.7	2224.1	2233.5	2193.1	2152.7	2089.5	2026.4
1991.2	22.5°	2044.3	2097.3	2155.6	2213.9	2208.3	2202.6	2150.1	2097.5	2025.4	1953.4
1950.9	25°	1997.9	2045.0	2092.8	2140.6	2121.3	2102.0	2050.3	1998.5	1933.7	1869.0
1871.9	27.5°	1908.5	1945.1	1979.0	2013.1	1991.5	1970.0	1928.6	1887.1	1833.9	1780.7
1774.6	30°	1800.9	1827.1	1853.1	1879.0	1861.5	1844.0	1809.5	1775.1	1731.0	1686.8
1677.0	32.5°	1697.9	1718.8	1742.7	1766.5	1747.0	1727.6	1694.6	1661.6	1626.2	1591.0
1590.8	35°	1610.0	1629.3	1646.2	1663.2	1639.9	1616.6	1583.8	1551.2	1524.4	1497.4
1517.4	37.5°	1535.3	1553.0	1560.8	1568.7	1539.9	1511.0	1478.4	1445.8	1426.6	1407.2
1450.2	40°	1465.3	1480.4	1478.5	1476.6	1443.4	1410.2	1378.7	1347.2	1333.3	1319.4
1382.1	42.5°	1394.7	1407.5	1397.9	1388.3	1352.5	1316.7	1286.8	1256.9	1245.5	1234.2
1315.0	45°	1326.4	1337.9	1324.2	1310.4	1273.3	1236.1	1207.8	1179.5	1169.8	1160.3
1261.9	47.5°	1269.9	1277.9	1262.1	1246.3	1209.6	1173.0	1145.3	1117.6	1108.7	1099.7
1230.3	50°	1230.6	1231.1	1210.8	1190.5	1157.6	1124.8	1098.7	1072.6	1058.5	1044.5
1209.0	52.5°	1204.6	1200.3	1176.2	1152.1	1121.5	1090.9	1067.0	1043.0	1022.0	1000.9
1189.0	55°	1183.0	1177.0	1151.4	1125.9	1099.2	1072.3	1046.5	1020.7	990.9	960.9
1167.8	57.5°	1161.7	1155.6	1130.0	1104.2	1077.7	1051.2	1020.8	990.5	958.4	926.2
1138.4	60°	1131.7	1125.1	1099.2	1073.4	1046.4	1019.5	984.7	949.9	921.7	893.5
1091.5	62.5°	1085.1	1078.7	1055.0	1031.3	1002.6	973.9	933.2	892.6	874.7	856.8
1028.2	65°	1021.7	1015.1	994.3	973.4	946.0	918.5	874.9	831.4	824.6	817.7
956.0	67.5°	949.6	943.2	925.2	907.2	881.2	855.1	814.9	774.8	776.9	779.1
878.7	70°	872.6	866.4	850.2	833.9	811.4	788.9	753.6	718.3	725.8	733.3
793.8	72.5°	786.4	779.1	763.2	747.3	726.9	706.6	678.9	651.0	662.0	673.0
692.4	75°	684.8	677.1	662.6	648.1	629.7	611.3	590.6	570.0	580.6	591.1
594.1	77.5°	587.0	579.8	564.7	549.4	533.6	517.8	501.0	484.2	494.8	505.5
483.2	80°	473.7	464.2	452.7	441.1	427.8	414.5	400.5	386.5	395.5	404.5
360.7	82.5°	344.6	328.4	303.7	279.1	283.7	288.4	289.6	290.7	297.1	303.4
229.1	85°	209.1	189.1	165.9	142.9	155.8	168.7	174.8	180.8	187.9	194.9
99.3	87.5°	91.2	83.1	73.4	63.7	73.6	83.5	83.7	84.0	85.3	86.6
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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2132.3	2.5°	2148.3	2168.1	2185.8	2204.1	2222.5	2241.6	2260.8	2279.8	2298.9	2316.8
2099.2	5°	2129.3	2163.9	2198.9	2236.0	2273.0	2312.7	2352.4	2391.8	2431.3	2470.9
2082.3	7.5°	2122.5	2167.2	2215.0	2266.7	2318.4	2377.2	2435.9	2496.2	2556.5	2621.8
2083.5	10°	2125.8	2173.9	2232.8	2294.1	2355.3	2426.7	2498.0	2577.6	2657.3	2739.9
2095.3	12.5°	2130.0	2174.7	2236.6	2305.9	2375.1	2459.2	2543.4	2633.7	2724.0	2814.6
2095.7	15°	2112.3	2148.1	2216.6	2296.8	2376.9	2473.8	2570.7	2668.7	2766.6	2861.2
2064.2	17.5°	2058.1	2080.2	2160.8	2257.2	2353.6	2466.1	2578.5	2685.4	2792.3	2888.2
1998.1	20°	1969.8	1975.6	2069.5	2189.0	2308.4	2444.7	2581.0	2698.5	2816.0	2915.7
1911.5	22.5°	1869.6	1858.2	1965.1	2108.9	2252.8	2418.6	2584.4	2716.1	2847.9	2949.7
1820.7	25°	1772.4	1741.5	1851.1	2019.5	2188.1	2392.7	2597.5	2748.1	2898.7	2998.4
1734.0	27.5°	1687.4	1649.9	1749.6	1937.8	2126.0	2375.5	2625.0	2798.1	2971.2	3066.4
1649.6	30°	1612.7	1583.3	1667.0	1869.5	2072.0	2367.4	2662.7	2862.9	3063.0	3154.9
1569.1	32.5°	1547.2	1534.1	1601.6	1810.6	2019.5	2357.4	2695.2	2930.4	3165.7	3256.6
1491.4	35°	1485.4	1490.8	1547.0	1752.7	1958.4	2338.6	2719.0	3007.4	3295.8	3383.0
1413.9	37.5°	1420.6	1440.4	1489.5	1684.6	1879.6	2306.4	2733.1	3093.6	3454.1	3565.2
1334.5	40°	1349.6	1380.0	1424.6	1603.2	1781.9	2262.0	2742.1	3203.1	3664.0	3826.0
1254.2	42.5°	1274.2	1312.5	1353.6	1513.5	1673.5	2216.1	2759.0	3346.3	3933.6	4167.4
1179.7	45°	1199.2	1236.3	1277.9	1418.2	1558.5	2173.6	2788.7	3534.7	4280.7	4596.1
1116.0	47.5°	1132.3	1164.2	1218.0	1342.8	1467.7	2138.4	2809.1	3735.5	4661.9	5105.7
1058.9	50°	1073.4	1110.5	1181.1	1292.8	1404.4	2100.1	2795.8	3921.8	5047.8	5716.9
1015.2	52.5°	1029.5	1081.3	1162.6	1259.8	1357.1	2035.4	2713.7	4042.7	5371.6	6358.8
983.5	55°	1006.2	1084.2	1159.8	1235.9	1311.9	1928.1	2544.2	4016.1	5487.9	6928.0
959.2	57.5°	992.2	1087.2	1153.8	1207.5	1261.3	1776.8	2292.2	3828.5	5364.8	7331.4
936.3	60°	979.0	1078.0	1122.0	1164.2	1206.5	1580.3	1954.2	3479.3	5004.4	7432.2
910.2	62.5°	963.7	1055.5	1060.9	1088.9	1117.0	1345.2	1573.5	3007.2	4440.9	7007.7
874.6	65°	931.4	1001.4	1000.7	1013.9	1027.2	1133.7	1240.3	2525.5	3810.9	6407.2
826.4	67.5°	873.7	913.0	914.9	907.5	900.1	930.5	960.7	2053.7	3146.7	5692.5
766.9	70°	800.6	813.5	813.5	779.3	744.9	736.4	727.7	1617.0	2506.3	4912.6
696.0	72.5°	719.1	718.9	710.8	662.2	613.6	587.4	561.3	1236.2	1911.1	4067.2
608.9	75°	626.6	629.8	592.1	537.7	483.2	459.5	435.9	897.2	1358.6	3098.1
519.8	77.5°	534.0	535.7	473.6	420.7	367.8	351.6	335.6	608.0	880.4	2168.4
416.5	80°	428.4	428.6	354.5	309.7	264.9	258.3	251.6	391.7	531.9	1397.1
309.2	82.5°	315.1	311.6	248.3	215.3	182.3	180.9	179.8	240.9	302.2	808.6
201.2	85°	207.4	202.9	155.8	131.6	107.5	108.1	108.7	128.8	149.0	363.7
89.1	87.5°	91.6	85.8	66.2	56.3	46.5	47.1	47.7	53.4	59.1	119.1
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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2334.7	2.5°	2343.5	2352.4	2365.0	2377.6	2385.1	2392.6	2396.3	2400.1	2398.4	2400.1
2510.5	5°	2541.4	2572.4	2603.0	2633.8	2650.4	2667.1	2677.2	2687.3	2695.0	2687.3
2687.1	7.5°	2737.4	2787.6	2832.9	2878.1	2905.3	2932.6	2947.3	2962.0	2969.1	2962.0
2822.4	10°	2881.9	2941.4	2994.5	3047.5	3079.7	3111.7	3126.0	3140.3	3145.7	3140.3
2905.3	12.5°	2969.8	3034.2	3082.2	3130.0	3153.3	3176.7	3184.5	3192.3	3193.2	3192.3
2955.7	15°	3011.4	3067.0	3097.0	3127.2	3128.0	3128.9	3120.5	3112.2	3102.4	3112.2
2984.1	17.5°	3021.6	3059.2	3059.8	3060.3	3026.6	2992.8	2961.9	2930.9	2909.1	2930.9
3015.3	20°	3028.4	3041.5	3002.0	2962.4	2887.9	2813.5	2759.2	2705.0	2671.7	2705.0
3051.5	22.5°	3034.4	3017.2	2935.2	2853.3	2743.7	2634.2	2566.4	2498.5	2461.7	2498.5
3098.2	25°	3044.0	2989.9	2865.4	2741.0	2607.9	2474.9	2403.6	2332.4	2297.6	2332.4
3161.5	27.5°	3064.7	2967.8	2803.0	2638.2	2490.7	2343.3	2273.1	2203.1	2170.2	2203.1
3246.9	30°	3102.5	2958.2	2755.3	2552.4	2398.7	2245.1	2180.1	2115.0	2084.3	2115.0
3347.7	32.5°	3150.0	2952.4	2722.8	2493.2	2348.8	2204.5	2153.4	2102.3	2080.2	2102.3
3470.2	35°	3228.2	2986.4	2747.1	2508.0	2407.7	2307.4	2295.5	2283.6	2281.8	2283.6
3676.3	37.5°	3391.8	3107.2	2889.8	2672.3	2665.8	2659.3	2713.8	2768.3	2796.6	2768.3
3987.9	40°	3678.4	3368.9	3207.2	3045.5	3159.7	3273.8	3406.3	3538.7	3604.7	3538.7
4401.1	42.5°	4094.0	3787.0	3693.8	3600.7	3849.6	4098.5	4339.5	4580.4	4721.9	4580.4
4911.4	45°	4635.5	4359.6	4318.6	4277.4	4676.2	5075.1	5471.0	5866.9	6107.3	5866.9
5549.5	47.5°	5281.2	5012.8	5004.4	4996.1	5571.4	6146.6	6726.1	7305.6	7645.9	7305.6
6385.9	50°	6054.4	5723.0	5724.5	5725.9	6467.3	7208.7	7973.7	8738.8	9201.3	8738.8
7346.0	52.5°	6944.7	6543.4	6502.8	6462.1	7347.8	8233.4	9180.0	10126.4	10680.8	10126.4
8368.2	55°	7971.7	7575.1	7416.9	7258.7	8244.4	9230.0	10358.4	11486.8	12146.2	11486.8
9297.9	57.5°	9082.0	8866.0	8548.7	8231.4	9226.7	10222.0	11500.1	12778.1	13595.7	12778.1
9859.8	60°	10195.2	10530.7	10136.7	9742.6	10684.5	11626.4	12994.8	14363.2	15246.9	14363.2
9574.5	62.5°	10491.0	11407.4	11363.0	11318.5	12181.3	13044.2	14346.2	15648.0	16464.8	15648.0
9003.4	65°	9863.6	10723.7	10893.9	11064.0	12160.5	13257.1	14519.5	15781.9	16477.3	15781.9
8238.3	67.5°	9056.3	9874.4	9954.2	10033.9	11176.4	12318.8	13586.7	14854.5	15399.3	14854.5
7319.0	70°	8208.8	9098.6	9134.3	9170.0	10191.7	11213.3	12304.4	13395.4	13698.2	13395.4
6223.5	72.5°	7244.6	8265.7	8291.4	8317.0	9116.3	9915.6	10732.8	11549.9	11580.5	11549.9
4837.6	75°	5894.5	6951.3	7046.2	7141.1	7763.0	8384.9	8960.1	9535.3	9381.2	9535.3
3456.4	77.5°	4442.9	5429.5	5565.3	5701.1	6173.9	6646.7	7054.6	7462.7	7197.7	7462.7
2262.2	80°	3092.2	3922.1	4090.9	4259.7	4616.7	4973.6	5187.9	5402.1	4975.9	5402.1
1315.0	82.5°	1882.4	2449.9	2638.4	2827.0	3072.8	3318.5	3407.9	3497.2	3162.3	3497.2
578.6	85°	879.7	1180.9	1341.2	1501.6	1703.5	1905.4	1956.1	2006.9	1738.6	2006.9
179.1	87.5°	280.3	381.5	471.0	560.5	661.5	762.4	766.8	771.0	647.3	771.0
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: P947068  
 CATALOG NUMBER: GALN-SB2C-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

325°		330°	335°	340°	345°	350°	355°	360°
2171.0	0°	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0	2171.0
2396.3	2.5°	2392.6	2385.1	2377.6	2365.0	2352.4	2343.5	2334.7
2677.2	5°	2667.1	2650.4	2633.8	2603.0	2572.4	2541.4	2510.5
2947.3	7.5°	2932.6	2905.3	2878.1	2832.9	2787.6	2737.4	2687.1
3126.0	10°	3111.7	3079.7	3047.5	2994.5	2941.4	2881.9	2822.4
3184.5	12.5°	3176.7	3153.3	3130.0	3082.2	3034.2	2969.8	2905.3
3120.5	15°	3128.9	3128.0	3127.2	3097.0	3067.0	3011.4	2955.7
2961.9	17.5°	2992.8	3026.6	3060.3	3059.8	3059.2	3021.6	2984.1
2759.2	20°	2813.5	2887.9	2962.4	3002.0	3041.5	3028.4	3015.3
2566.4	22.5°	2634.2	2743.7	2853.3	2935.2	3017.2	3034.4	3051.5
2403.6	25°	2474.9	2607.9	2741.0	2865.4	2989.9	3044.0	3098.2
2273.1	27.5°	2343.3	2490.7	2638.2	2803.0	2967.8	3064.7	3161.5
2180.1	30°	2245.1	2398.7	2552.4	2755.3	2958.2	3102.5	3246.9
2153.4	32.5°	2204.5	2348.8	2493.2	2722.8	2952.4	3150.0	3347.7
2295.5	35°	2307.4	2407.7	2508.0	2747.1	2986.4	3228.2	3470.2
2713.8	37.5°	2659.3	2665.8	2672.3	2889.8	3107.2	3391.8	3676.3
3406.3	40°	3273.8	3159.7	3045.5	3207.2	3368.9	3678.4	3987.9
4339.5	42.5°	4098.5	3849.6	3600.7	3693.8	3787.0	4094.0	4401.1
5471.0	45°	5075.1	4676.2	4277.4	4318.6	4359.6	4635.5	4911.4
6726.1	47.5°	6146.6	5571.4	4996.1	5004.4	5012.8	5281.2	5549.5
7973.7	50°	7208.7	6467.3	5725.9	5724.5	5723.0	6054.4	6385.9
9180.0	52.5°	8233.4	7347.8	6462.1	6502.8	6543.4	6944.7	7346.0
10358.4	55°	9230.0	8244.4	7258.7	7416.9	7575.1	7971.7	8368.2
11500.1	57.5°	10222.0	9226.7	8231.4	8548.7	8866.0	9082.0	9297.9
12994.8	60°	11626.4	10684.5	9742.6	10136.7	10530.7	10195.2	9859.8
14346.2	62.5°	13044.2	12181.3	11318.5	11363.0	11407.4	10491.0	9574.5
14519.5	65°	13257.1	12160.5	11064.0	10893.9	10723.7	9863.6	9003.4
13586.7	67.5°	12318.8	11176.4	10033.9	9954.2	9874.4	9056.3	8238.3
12304.4	70°	11213.3	10191.7	9170.0	9134.3	9098.6	8208.8	7319.0
10732.8	72.5°	9915.6	9116.3	8317.0	8291.4	8265.7	7244.6	6223.5
8960.1	75°	8384.9	7763.0	7141.1	7046.2	6951.3	5894.5	4837.6
7054.6	77.5°	6646.7	6173.9	5701.1	5565.3	5429.5	4442.9	3456.4
5187.9	80°	4973.6	4616.7	4259.7	4090.9	3922.1	3092.2	2262.2
3407.9	82.5°	3318.5	3072.8	2827.0	2638.4	2449.9	1882.4	1315.0
1956.1	85°	1905.4	1703.5	1501.6	1341.2	1180.9	879.7	578.6
766.8	87.5°	762.4	661.5	560.5	471.0	381.5	280.3	179.1
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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