

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: P946354

Luminaire Tested: **GALN-SB2A-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946354
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-SB2A-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9457 lumens
Efficiency: N/A
Efficacy: 165.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

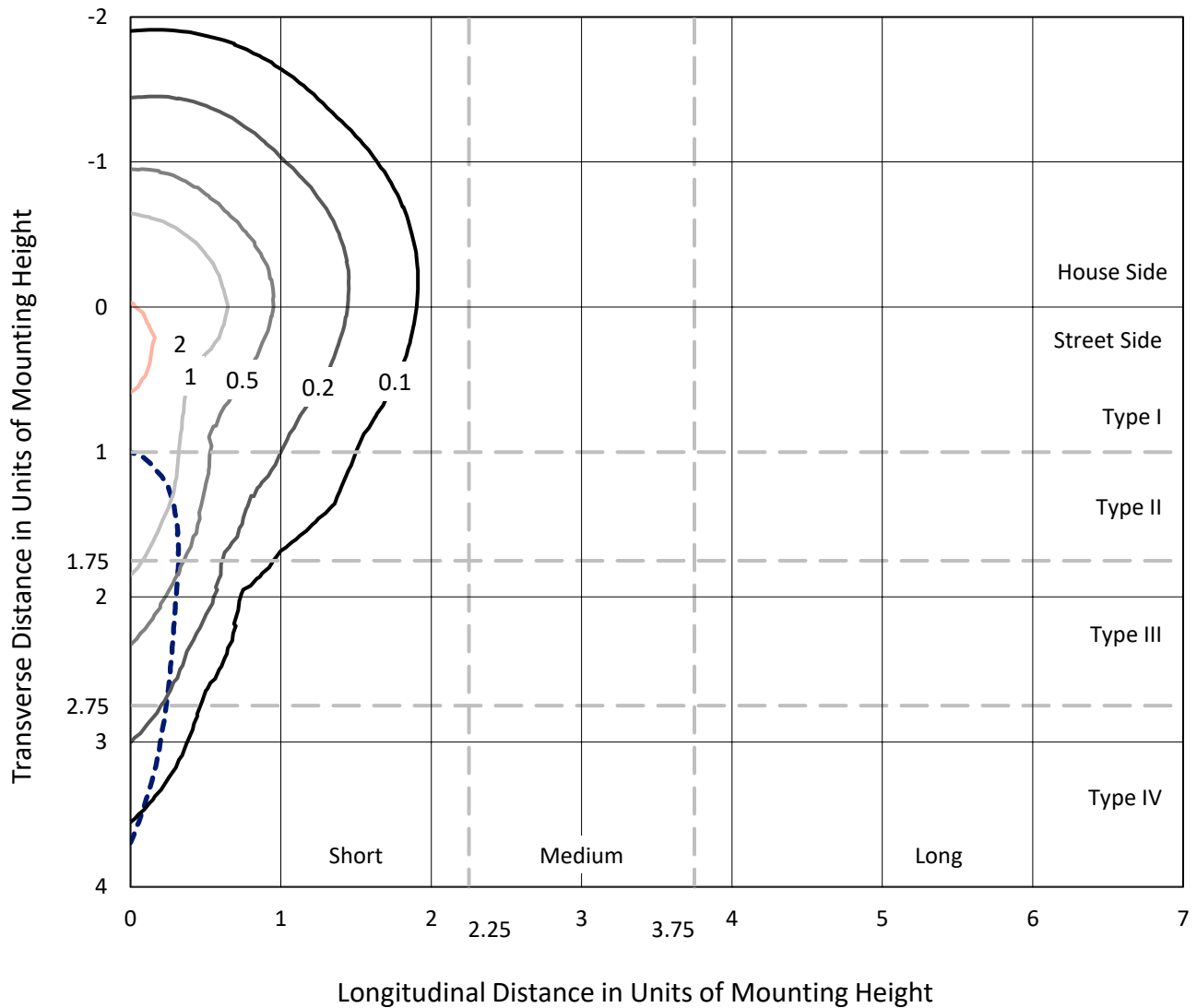
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

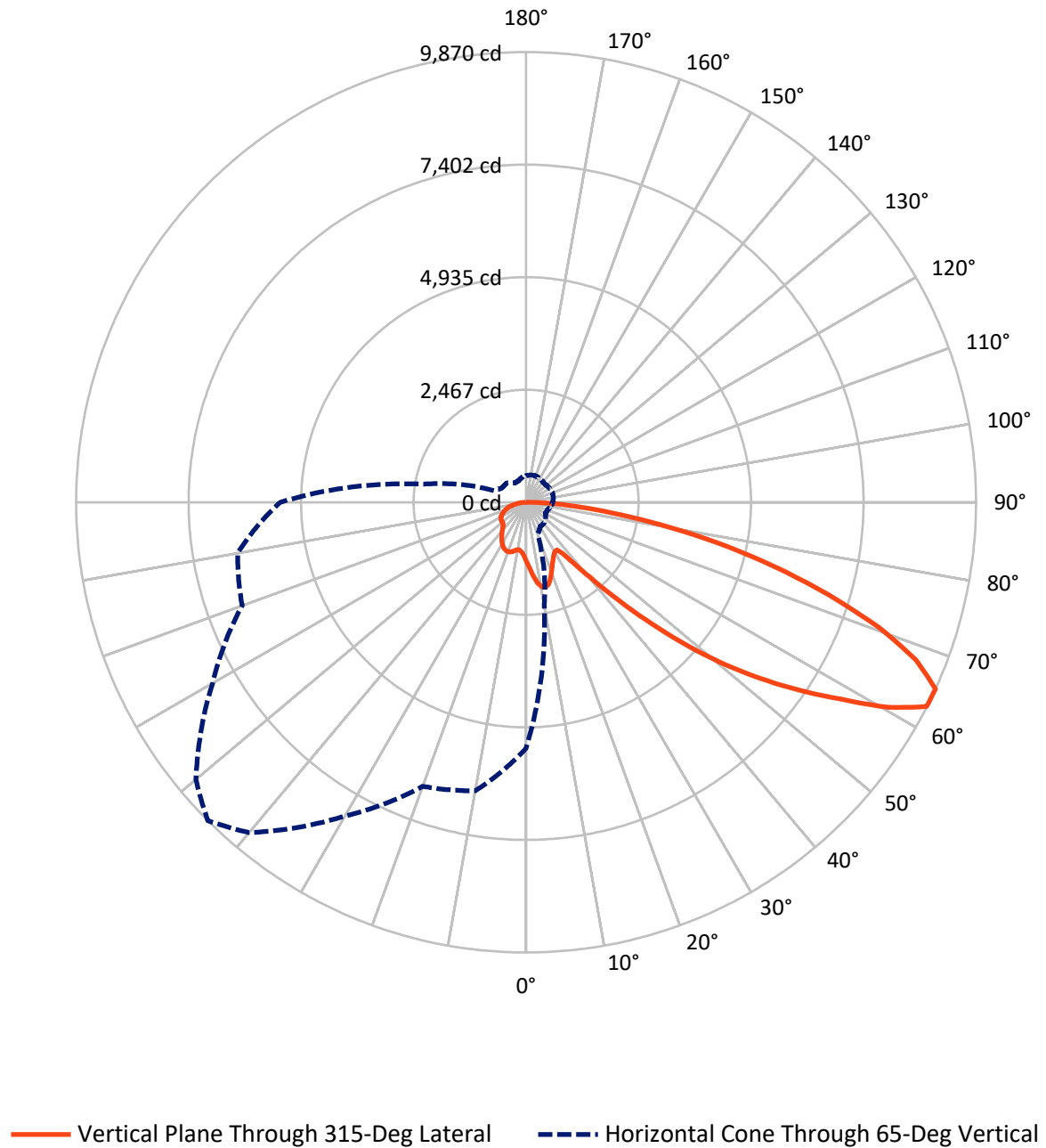
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.6 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	2403.5	0.0	2403.5
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	7053.5	0.0	7053.5
	% Fixture	74.6	0.0	74.6
Total	Lumens	9457.0	0.0	9457.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.0	1.4
10°-20°	405.0	4.3
20°-30°	625.5	6.6
30°-40°	792.7	8.4
40°-50°	1195.6	12.6
50°-60°	1931.6	20.4
60°-70°	2408.1	25.5
70°-80°	1579.1	16.7
80°-90°	390.4	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°	9457.0	100.0
0°-180°	9457.0	100.0



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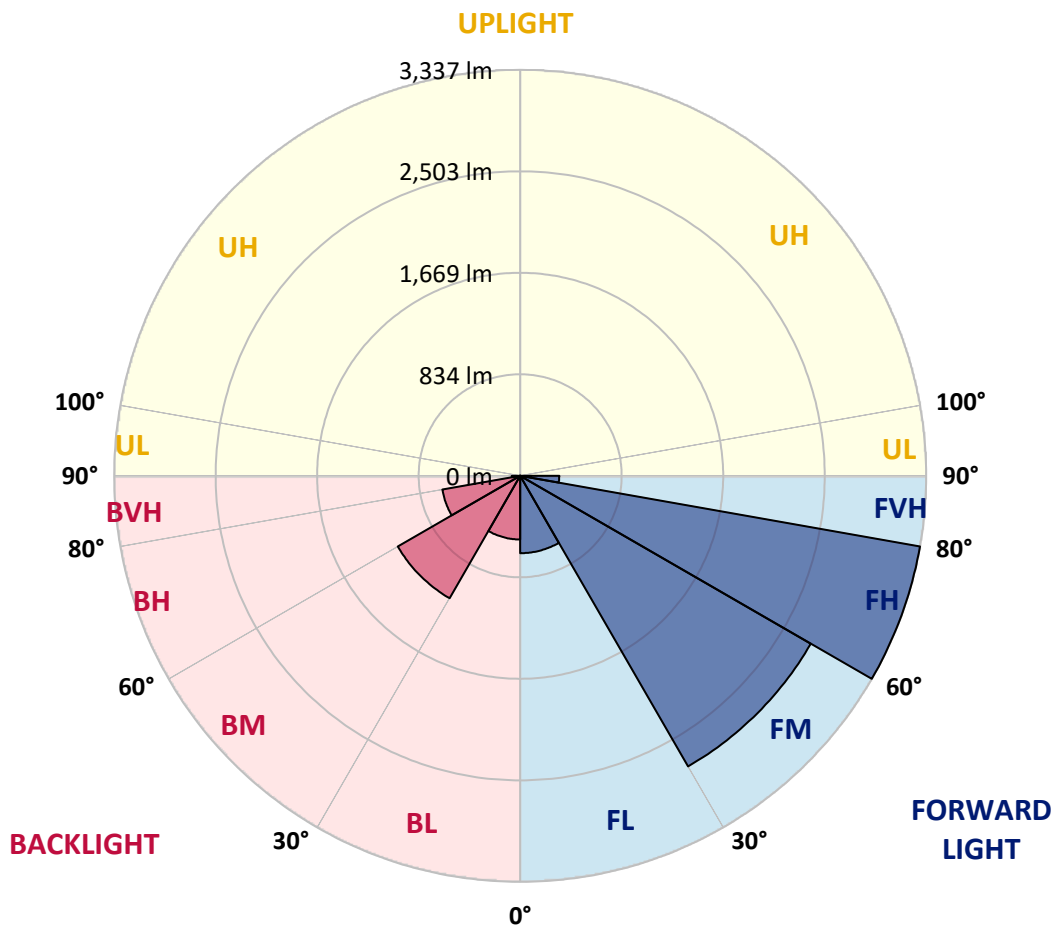
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	636.1	6.7			
FM (30°-60°)	2758.4	29.2			
FH (60°-80°)	3337.4	35.3			G2/5000
FVH (80°-90°)	321.6	3.4			G3/500
BL (0°-30°)	523.4	5.5	B2/1000		
BM (30°-60°)	1161.5	12.3	B2/2500		
BH (60°-80°)	649.8	6.9	B2/1000		G2/1000
BVH (80°-90°)	68.8	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
2.5°	1398.5	1387.7	1377.0	1365.6	1354.2	1342.7	1331.3	1320.3	1309.3	1298.7
5°	1503.8	1480.1	1456.4	1432.7	1409.1	1385.3	1361.5	1339.3	1317.1	1296.2
7.5°	1609.6	1570.4	1531.4	1495.2	1459.1	1423.9	1388.7	1357.8	1326.8	1298.2
10°	1690.6	1641.2	1591.7	1544.0	1496.3	1453.6	1410.8	1374.2	1337.4	1302.2
12.5°	1740.3	1686.0	1631.7	1577.6	1523.5	1473.1	1422.7	1381.2	1339.7	1302.7
15°	1770.5	1713.8	1657.2	1598.5	1539.8	1481.8	1423.8	1375.8	1327.8	1286.7
17.5°	1787.5	1730.0	1672.6	1608.6	1544.5	1477.2	1409.8	1352.1	1294.3	1246.0
20°	1806.2	1746.5	1686.8	1616.4	1546.0	1464.4	1382.8	1311.2	1239.6	1183.4
22.5°	1827.9	1766.9	1705.9	1627.0	1548.0	1448.7	1349.4	1263.2	1177.1	1113.0
25°	1855.8	1796.0	1736.3	1646.1	1555.9	1433.3	1310.6	1209.7	1108.8	1043.2
27.5°	1893.7	1836.8	1779.7	1676.1	1572.4	1422.9	1273.5	1160.7	1048.0	988.3
30°	1944.9	1889.8	1834.8	1714.8	1594.9	1418.1	1241.1	1119.8	998.5	948.4
32.5°	2005.3	1950.7	1896.2	1755.3	1614.4	1412.1	1209.7	1084.5	959.3	918.9
35°	2078.6	2026.4	1974.2	1801.4	1628.7	1400.8	1173.1	1049.9	926.7	893.0
37.5°	2202.1	2135.6	2069.0	1853.1	1637.2	1381.5	1125.9	1009.0	892.2	862.8
40°	2388.8	2291.8	2194.7	1918.6	1642.5	1354.9	1067.4	960.3	853.3	826.6
42.5°	2636.3	2496.2	2356.2	2004.4	1652.6	1327.5	1002.4	906.6	810.8	786.2
45°	2941.9	2753.0	2564.2	2117.3	1670.4	1302.0	933.5	849.5	765.5	740.5
47.5°	3324.2	3058.3	2792.5	2237.6	1682.7	1280.9	879.2	804.4	729.6	697.4
50°	3825.2	3424.4	3023.6	2349.1	1674.7	1258.0	841.2	774.4	707.5	665.2
52.5°	4400.3	3808.9	3217.6	2421.6	1625.5	1219.2	812.9	754.6	696.4	647.7
55°	5012.6	4149.9	3287.2	2405.6	1524.0	1154.9	785.8	740.3	694.7	649.5
57.5°	5569.4	4391.5	3213.5	2293.2	1373.0	1064.3	755.5	723.3	691.1	651.2
60°	5906.0	4451.9	2997.7	2084.1	1170.6	946.6	722.7	697.4	672.1	645.7
62.5°	5735.1	4197.6	2660.1	1801.3	942.5	805.8	669.1	652.3	635.5	632.2
65°	5393.0	3837.9	2282.7	1512.8	742.9	679.1	615.3	607.3	599.4	599.8
67.5°	4934.7	3409.8	1884.9	1230.2	575.5	557.3	539.2	543.6	548.0	546.9
70°	4384.0	2942.7	1501.3	968.6	435.9	441.1	446.2	466.8	487.3	487.3
72.5°	3727.9	2436.3	1144.7	740.5	336.2	351.9	367.5	396.7	425.8	430.6
75°	2897.7	1855.8	813.8	537.4	261.1	275.3	289.4	322.1	354.7	377.3
77.5°	2070.4	1298.9	527.4	364.2	201.0	210.6	220.3	252.0	283.7	320.9
80°	1355.1	836.8	318.6	234.6	150.7	154.7	158.7	185.5	212.3	256.7
82.5°	787.7	484.3	181.0	144.3	107.7	108.4	109.2	128.9	148.7	186.6
85°	346.6	217.9	89.2	77.1	65.1	64.8	64.4	78.8	93.3	121.5
87.5°	107.3	71.4	35.4	32.0	28.5	28.2	27.8	33.7	39.7	51.4
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°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1286.8	2.5°	1277.3	1267.7	1259.1	1250.5	1243.0	1235.4	1227.9	1220.3	1214.5	1208.6
1275.5	5°	1257.4	1239.3	1224.1	1209.0	1195.6	1182.3	1170.1	1158.0	1148.6	1139.2
1271.4	7.5°	1247.3	1223.3	1203.4	1183.4	1166.6	1149.7	1134.8	1120.0	1108.9	1097.8
1273.4	10°	1248.0	1222.7	1202.7	1182.8	1164.6	1146.5	1129.8	1113.0	1099.8	1086.4
1275.9	12.5°	1255.1	1234.4	1221.2	1208.0	1193.7	1179.6	1162.2	1145.0	1128.0	1111.0
1265.2	15°	1255.3	1245.4	1247.2	1249.0	1245.3	1241.6	1226.6	1211.6	1187.4	1163.3
1232.8	17.5°	1236.4	1240.0	1261.8	1283.6	1295.1	1306.7	1294.5	1282.5	1250.5	1218.5
1179.9	20°	1196.9	1213.8	1251.6	1289.4	1313.6	1337.8	1332.3	1326.6	1290.0	1253.5
1119.9	22.5°	1145.0	1170.1	1213.2	1256.4	1287.9	1319.4	1322.8	1326.1	1291.2	1256.3
1061.6	25°	1090.6	1119.5	1158.3	1197.1	1228.1	1259.1	1270.7	1282.2	1253.6	1225.0
1010.7	27.5°	1038.7	1066.6	1098.5	1130.4	1155.2	1180.1	1192.9	1205.9	1185.4	1165.1
966.0	30°	988.1	1010.4	1036.8	1063.3	1083.9	1104.6	1115.0	1125.5	1110.0	1094.4
926.8	32.5°	939.9	953.0	974.1	995.3	1015.0	1034.8	1046.5	1058.1	1043.9	1029.6
889.7	35°	893.3	897.0	913.1	929.2	948.7	968.3	982.3	996.3	986.1	976.0
850.9	37.5°	846.9	842.9	854.5	866.0	885.5	905.1	922.4	939.6	934.9	930.3
808.4	40°	799.4	790.3	798.7	807.0	825.9	844.7	864.6	884.5	885.6	886.7
763.2	42.5°	751.3	739.3	746.1	752.9	770.8	788.7	810.1	831.6	837.3	843.1
718.3	45°	706.6	695.0	700.7	706.5	723.5	740.4	762.7	784.9	793.2	801.4
678.3	47.5°	668.5	658.7	664.1	669.4	686.0	702.6	724.6	746.5	756.0	765.5
643.0	50°	634.3	625.7	634.0	642.5	658.1	673.8	693.4	713.1	725.3	737.4
616.7	52.5°	608.1	599.6	612.2	624.8	639.1	653.5	671.8	690.1	704.6	719.0
602.7	55°	589.1	575.6	593.5	611.4	626.9	642.3	658.4	674.4	689.7	705.0
594.3	57.5°	574.6	554.8	574.1	593.3	611.5	629.7	645.5	661.4	676.9	692.2
586.4	60°	560.8	535.2	552.1	569.0	589.8	610.7	626.8	643.0	658.4	673.9
577.3	62.5°	545.2	513.2	524.0	534.7	559.0	583.3	600.6	617.8	631.9	646.1
557.9	65°	523.9	489.8	493.9	498.0	524.1	550.2	566.6	583.1	595.6	608.0
523.4	67.5°	495.0	466.7	465.4	464.1	488.1	512.2	527.9	543.4	554.2	565.0
479.5	70°	459.4	439.2	434.7	430.2	451.4	472.6	486.0	499.5	509.2	519.0
430.7	72.5°	416.9	403.1	396.5	390.0	406.6	423.3	435.4	447.6	457.1	466.7
375.4	75°	364.7	354.0	347.8	341.4	353.8	366.2	377.2	388.2	396.9	405.6
319.9	77.5°	311.3	302.8	296.4	290.0	300.1	310.1	319.6	329.1	338.2	347.3
256.6	80°	249.5	242.3	236.9	231.5	239.9	248.3	256.2	264.2	271.2	278.0
188.7	82.5°	185.2	181.7	177.9	174.2	173.5	172.8	170.0	167.2	181.9	196.7
124.3	85°	120.5	116.8	112.5	108.3	104.7	101.0	93.3	85.6	99.4	113.3
54.9	87.5°	53.4	51.9	51.1	50.3	50.2	50.0	44.1	38.2	44.0	49.8
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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CANDELA DISTRIBUTION (continued):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1203.9	2.5°	1199.1	1195.4	1191.7	1188.3	1184.9	1180.7	1184.9	1188.3	1191.7	1195.4
1132.7	5°	1126.2	1121.5	1116.9	1113.3	1109.8	1106.3	1109.8	1113.3	1116.9	1121.5
1090.0	7.5°	1082.3	1076.9	1071.6	1068.4	1065.3	1062.9	1065.3	1068.4	1071.6	1076.9
1077.8	10°	1069.0	1063.9	1058.9	1056.2	1053.5	1052.4	1053.5	1056.2	1058.9	1063.9
1099.8	12.5°	1088.6	1083.0	1077.4	1075.1	1072.8	1072.4	1072.8	1075.1	1077.4	1083.0
1146.2	15°	1129.2	1121.3	1113.5	1110.5	1107.6	1107.3	1107.6	1110.5	1113.5	1121.3
1193.3	17.5°	1168.2	1156.6	1145.0	1141.2	1137.3	1136.7	1137.3	1141.2	1145.0	1156.6
1222.7	20°	1191.9	1177.1	1162.2	1157.5	1152.7	1151.2	1152.7	1157.5	1162.2	1177.1
1224.5	22.5°	1192.7	1177.1	1161.4	1156.2	1151.0	1148.7	1151.0	1156.2	1161.4	1177.1
1196.7	25°	1168.6	1155.0	1141.5	1136.5	1131.7	1128.8	1131.7	1136.5	1141.5	1155.0
1143.2	27.5°	1121.3	1112.2	1103.1	1100.8	1098.6	1097.8	1098.6	1100.8	1103.1	1112.2
1078.8	30°	1063.0	1058.3	1053.7	1053.7	1053.7	1054.4	1053.7	1053.7	1053.7	1058.3
1017.0	32.5°	1004.5	1001.5	998.4	998.8	999.3	1000.0	999.3	998.8	998.4	1001.5
964.4	35°	952.9	948.2	943.6	942.6	941.6	941.1	941.6	942.6	943.6	948.2
919.6	37.5°	908.9	900.5	892.1	887.7	883.2	880.8	883.2	887.7	892.1	900.5
877.7	40°	868.7	856.4	844.2	835.9	827.8	822.9	827.8	835.9	844.2	856.4
835.4	42.5°	827.9	812.6	797.4	785.4	773.4	765.5	773.4	785.4	797.4	812.6
794.5	45°	787.7	770.3	752.9	738.8	724.7	715.6	724.7	738.8	752.9	770.3
760.7	47.5°	755.9	740.4	725.0	711.9	698.9	690.1	698.9	711.9	725.0	740.4
737.1	50°	736.9	724.6	712.2	700.1	688.0	679.7	688.0	700.1	712.2	724.6
721.6	52.5°	724.2	714.1	704.0	693.2	682.4	674.7	682.4	693.2	704.0	714.1
708.6	55°	712.2	703.4	694.6	685.1	675.7	668.7	675.7	685.1	694.6	703.4
695.9	57.5°	699.5	690.6	681.7	672.4	662.9	655.7	662.9	672.4	681.7	690.6
677.9	60°	681.9	673.2	664.6	654.9	645.2	637.7	645.2	654.9	664.6	673.2
650.0	62.5°	653.8	646.0	638.1	628.0	617.8	608.8	617.8	628.0	638.1	646.0
612.0	65°	615.9	608.3	600.8	590.9	581.1	573.4	581.1	590.9	600.8	608.3
568.8	67.5°	572.6	565.7	558.8	549.6	540.4	533.4	540.4	549.6	558.8	565.7
522.7	70°	526.4	520.7	515.1	506.3	497.5	489.5	497.5	506.3	515.1	520.7
471.1	72.5°	475.5	470.8	466.1	457.7	449.4	441.6	449.4	457.7	466.1	470.8
410.2	75°	414.8	412.5	410.2	403.1	396.1	388.7	396.1	403.1	410.2	412.5
351.6	77.5°	355.9	352.7	349.4	342.3	335.2	329.3	335.2	342.3	349.4	352.7
283.7	80°	289.4	288.0	286.7	277.1	267.6	256.5	267.6	277.1	286.7	288.0
206.4	82.5°	216.1	215.5	214.8	206.8	198.7	191.6	198.7	206.8	214.8	215.5
125.3	85°	137.2	136.2	135.2	128.9	122.7	116.3	122.7	128.9	135.2	136.2
54.6	87.5°	59.5	58.3	57.0	53.8	50.5	47.4	50.5	53.8	57.0	58.3
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1199.1	2.5°	1203.9	1208.6	1214.5	1220.3	1227.9	1235.4	1243.0	1250.5	1259.1	1267.7
1126.2	5°	1132.7	1139.2	1148.6	1158.0	1170.1	1182.3	1195.6	1209.0	1224.1	1239.3
1082.3	7.5°	1090.0	1097.8	1108.9	1120.0	1134.8	1149.7	1166.6	1183.4	1203.4	1223.3
1069.0	10°	1077.8	1086.4	1099.8	1113.0	1129.8	1146.5	1164.6	1182.8	1202.7	1222.7
1088.6	12.5°	1099.8	1111.0	1128.0	1145.0	1162.2	1179.6	1193.7	1208.0	1221.2	1234.4
1129.2	15°	1146.2	1163.3	1187.4	1211.6	1226.6	1241.6	1245.3	1249.0	1247.2	1245.4
1168.2	17.5°	1193.3	1218.5	1250.5	1282.5	1294.5	1306.7	1295.1	1283.6	1261.8	1240.0
1191.9	20°	1222.7	1253.5	1290.0	1326.6	1332.3	1337.8	1313.6	1289.4	1251.6	1213.8
1192.7	22.5°	1224.5	1256.3	1291.2	1326.1	1322.8	1319.4	1287.9	1256.4	1213.2	1170.1
1168.6	25°	1196.7	1225.0	1253.6	1282.2	1270.7	1259.1	1228.1	1197.1	1158.3	1119.5
1121.3	27.5°	1143.2	1165.1	1185.4	1205.9	1192.9	1180.1	1155.2	1130.4	1098.5	1066.6
1063.0	30°	1078.8	1094.4	1110.0	1125.5	1115.0	1104.6	1083.9	1063.3	1036.8	1010.4
1004.5	32.5°	1017.0	1029.6	1043.9	1058.1	1046.5	1034.8	1015.0	995.3	974.1	953.0
952.9	35°	964.4	976.0	986.1	996.3	982.3	968.3	948.7	929.2	913.1	897.0
908.9	37.5°	919.6	930.3	934.9	939.6	922.4	905.1	885.5	866.0	854.5	842.9
868.7	40°	877.7	886.7	885.6	884.5	864.6	844.7	825.9	807.0	798.7	790.3
827.9	42.5°	835.4	843.1	837.3	831.6	810.1	788.7	770.8	752.9	746.1	739.3
787.7	45°	794.5	801.4	793.2	784.9	762.7	740.4	723.5	706.5	700.7	695.0
755.9	47.5°	760.7	765.5	756.0	746.5	724.6	702.6	686.0	669.4	664.1	658.7
736.9	50°	737.1	737.4	725.3	713.1	693.4	673.8	658.1	642.5	634.0	625.7
724.2	52.5°	721.6	719.0	704.6	690.1	671.8	653.5	639.1	624.8	612.2	599.6
712.2	55°	708.6	705.0	689.7	674.4	658.4	642.3	626.9	611.4	593.5	575.6
699.5	57.5°	695.9	692.2	676.9	661.4	645.5	629.7	611.5	593.3	574.1	554.8
681.9	60°	677.9	673.9	658.4	643.0	626.8	610.7	589.8	569.0	552.1	535.2
653.8	62.5°	650.0	646.1	631.9	617.8	600.6	583.3	559.0	534.7	524.0	513.2
615.9	65°	612.0	608.0	595.6	583.1	566.6	550.2	524.1	498.0	493.9	489.8
572.6	67.5°	568.8	565.0	554.2	543.4	527.9	512.2	488.1	464.1	465.4	466.7
526.4	70°	522.7	519.0	509.2	499.5	486.0	472.6	451.4	430.2	434.7	439.2
475.5	72.5°	471.1	466.7	457.1	447.6	435.4	423.3	406.6	390.0	396.5	403.1
414.8	75°	410.2	405.6	396.9	388.2	377.2	366.2	353.8	341.4	347.8	354.0
355.9	77.5°	351.6	347.3	338.2	329.1	319.6	310.1	300.1	290.0	296.4	302.8
289.4	80°	283.7	278.0	271.2	264.2	256.2	248.3	239.9	231.5	236.9	242.3
216.1	82.5°	206.4	196.7	181.9	167.2	170.0	172.8	173.5	174.2	177.9	181.7
137.2	85°	125.3	113.3	99.4	85.6	93.3	101.0	104.7	108.3	112.5	116.8
59.5	87.5°	54.6	49.8	44.0	38.2	44.1	50.0	50.2	50.3	51.1	51.9
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1277.3	2.5°	1286.8	1298.7	1309.3	1320.3	1331.3	1342.7	1354.2	1365.6	1377.0	1387.7
1257.4	5°	1275.5	1296.2	1317.1	1339.3	1361.5	1385.3	1409.1	1432.7	1456.4	1480.1
1247.3	7.5°	1271.4	1298.2	1326.8	1357.8	1388.7	1423.9	1459.1	1495.2	1531.4	1570.4
1248.0	10°	1273.4	1302.2	1337.4	1374.2	1410.8	1453.6	1496.3	1544.0	1591.7	1641.2
1255.1	12.5°	1275.9	1302.7	1339.7	1381.2	1422.7	1473.1	1523.5	1577.6	1631.7	1686.0
1255.3	15°	1265.2	1286.7	1327.8	1375.8	1423.8	1481.8	1539.8	1598.5	1657.2	1713.8
1236.4	17.5°	1232.8	1246.0	1294.3	1352.1	1409.8	1477.2	1544.5	1608.6	1672.6	1730.0
1196.9	20°	1179.9	1183.4	1239.6	1311.2	1382.8	1464.4	1546.0	1616.4	1686.8	1746.5
1145.0	22.5°	1119.9	1113.0	1177.1	1263.2	1349.4	1448.7	1548.0	1627.0	1705.9	1766.9
1090.6	25°	1061.6	1043.2	1108.8	1209.7	1310.6	1433.3	1555.9	1646.1	1736.3	1796.0
1038.7	27.5°	1010.7	988.3	1048.0	1160.7	1273.5	1422.9	1572.4	1676.1	1779.7	1836.8
988.1	30°	966.0	948.4	998.5	1119.8	1241.1	1418.1	1594.9	1714.8	1834.8	1889.8
939.9	32.5°	926.8	918.9	959.3	1084.5	1209.7	1412.1	1614.4	1755.3	1896.2	1950.7
893.3	35°	889.7	893.0	926.7	1049.9	1173.1	1400.8	1628.7	1801.4	1974.2	2026.4
846.9	37.5°	850.9	862.8	892.2	1009.0	1125.9	1381.5	1637.2	1853.1	2069.0	2135.6
799.4	40°	808.4	826.6	853.3	960.3	1067.4	1354.9	1642.5	1918.6	2194.7	2291.8
751.3	42.5°	763.2	786.2	810.8	906.6	1002.4	1327.5	1652.6	2004.4	2356.2	2496.2
706.6	45°	718.3	740.5	765.5	849.5	933.5	1302.0	1670.4	2117.3	2564.2	2753.0
668.5	47.5°	678.3	697.4	729.6	804.4	879.2	1280.9	1682.7	2237.6	2792.5	3058.3
634.3	50°	643.0	665.2	707.5	774.4	841.2	1258.0	1674.7	2349.1	3023.6	3424.4
608.1	52.5°	616.7	647.7	696.4	754.6	812.9	1219.2	1625.5	2421.6	3217.6	3808.9
589.1	55°	602.7	649.5	694.7	740.3	785.8	1154.9	1524.0	2405.6	3287.2	4149.9
574.6	57.5°	594.3	651.2	691.1	723.3	755.5	1064.3	1373.0	2293.2	3213.5	4391.5
560.8	60°	586.4	645.7	672.1	697.4	722.7	946.6	1170.6	2084.1	2997.7	4451.9
545.2	62.5°	577.3	632.2	635.5	652.3	669.1	805.8	942.5	1801.3	2660.1	4197.6
523.9	65°	557.9	599.8	599.4	607.3	615.3	679.1	742.9	1512.8	2282.7	3837.9
495.0	67.5°	523.4	546.9	548.0	543.6	539.2	557.3	575.5	1230.2	1884.9	3409.8
459.4	70°	479.5	487.3	487.3	466.8	446.2	441.1	435.9	968.6	1501.3	2942.7
416.9	72.5°	430.7	430.6	425.8	396.7	367.5	351.9	336.2	740.5	1144.7	2436.3
364.7	75°	375.4	377.3	354.7	322.1	289.4	275.3	261.1	537.4	813.8	1855.8
311.3	77.5°	319.9	320.9	283.7	252.0	220.3	210.6	201.0	364.2	527.4	1298.9
249.5	80°	256.6	256.7	212.3	185.5	158.7	154.7	150.7	234.6	318.6	836.8
185.2	82.5°	188.7	186.6	148.7	128.9	109.2	108.4	107.7	144.3	181.0	484.3
120.5	85°	124.3	121.5	93.3	78.8	64.4	64.8	65.1	77.1	89.2	217.9
53.4	87.5°	54.9	51.4	39.7	33.7	27.8	28.2	28.5	32.0	35.4	71.4
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1398.5	2.5°	1403.8	1409.1	1416.6	1424.2	1428.7	1433.2	1435.4	1437.6	1436.6	1437.6
1503.8	5°	1522.3	1540.8	1559.2	1577.6	1587.6	1597.6	1603.6	1609.7	1614.3	1609.7
1609.6	7.5°	1639.7	1669.8	1696.9	1724.0	1740.3	1756.6	1765.4	1774.2	1778.5	1774.2
1690.6	10°	1726.3	1761.9	1793.7	1825.5	1844.7	1863.9	1872.5	1881.0	1884.3	1881.0
1740.3	12.5°	1778.9	1817.5	1846.2	1874.9	1888.9	1902.8	1907.5	1912.2	1912.7	1912.2
1770.5	15°	1803.8	1837.1	1855.1	1873.2	1873.7	1874.2	1869.2	1864.2	1858.3	1864.2
1787.5	17.5°	1810.0	1832.5	1832.8	1833.1	1812.9	1792.7	1774.2	1755.6	1742.5	1755.6
1806.2	20°	1814.0	1821.9	1798.2	1774.5	1729.9	1685.3	1652.8	1620.3	1600.3	1620.3
1827.9	22.5°	1817.6	1807.3	1758.2	1709.1	1643.5	1577.9	1537.2	1496.6	1474.6	1496.6
1855.8	25°	1823.4	1790.9	1716.4	1641.8	1562.1	1482.5	1439.7	1397.1	1376.3	1397.1
1893.7	27.5°	1835.8	1777.7	1679.0	1580.3	1491.9	1403.6	1361.6	1319.6	1299.9	1319.6
1944.9	30°	1858.4	1772.0	1650.4	1528.9	1436.8	1344.8	1305.9	1266.9	1248.5	1266.9
2005.3	32.5°	1886.9	1768.5	1631.0	1493.4	1407.0	1320.5	1289.9	1259.3	1246.0	1259.3
2078.6	35°	1933.7	1788.8	1645.5	1502.3	1442.2	1382.2	1375.0	1367.9	1366.8	1367.9
2202.1	37.5°	2031.7	1861.2	1731.0	1600.7	1596.8	1592.9	1625.6	1658.2	1675.2	1658.2
2388.8	40°	2203.4	2018.0	1921.1	1824.3	1892.6	1961.0	2040.4	2119.7	2159.2	2119.7
2636.3	42.5°	2452.3	2268.4	2212.6	2156.8	2305.9	2455.0	2599.3	2743.7	2828.4	2743.7
2941.9	45°	2776.7	2611.4	2586.8	2562.2	2801.0	3040.0	3277.1	3514.3	3658.2	3514.3
3324.2	47.5°	3163.4	3002.6	2997.7	2992.7	3337.3	3681.8	4029.0	4376.1	4579.9	4376.1
3825.2	50°	3626.6	3428.1	3428.9	3429.8	3873.9	4318.0	4776.3	5234.5	5511.6	5234.5
4400.3	52.5°	4159.8	3919.5	3895.2	3870.8	4401.3	4931.8	5498.8	6065.7	6397.8	6065.7
5012.6	55°	4775.0	4537.5	4442.7	4348.0	4938.4	5528.8	6204.7	6880.6	7275.6	6880.6
5569.4	57.5°	5440.1	5310.7	5120.6	4930.6	5526.8	6122.9	6888.5	7654.1	8143.8	7654.1
5906.0	60°	6106.9	6307.9	6071.8	5835.8	6400.0	6964.2	7783.9	8603.5	9132.9	8603.5
5735.1	62.5°	6284.1	6833.0	6806.4	6779.8	7296.6	7813.5	8593.3	9373.1	9862.4	9373.1
5393.0	65°	5908.3	6423.5	6525.4	6627.3	7284.1	7941.0	8697.2	9453.3	9869.9	9453.3
4934.7	67.5°	5424.7	5914.8	5962.6	6010.3	6694.7	7379.0	8138.4	8897.8	9224.2	8897.8
4384.0	70°	4917.0	5450.1	5471.4	5492.8	6104.8	6716.8	7370.3	8023.8	8205.2	8023.8
3727.9	72.5°	4339.5	4951.2	4966.5	4981.9	5460.7	5939.5	6428.9	6918.4	6936.7	6918.4
2897.7	75°	3530.8	4163.8	4220.7	4277.5	4650.0	5022.5	5367.1	5711.7	5619.3	5711.7
2070.4	77.5°	2661.3	3252.3	3333.6	3415.0	3698.2	3981.3	4225.7	4470.1	4311.4	4470.1
1355.1	80°	1852.2	2349.3	2450.4	2551.5	2765.4	2979.2	3107.5	3235.8	2980.6	3235.8
787.7	82.5°	1127.6	1467.5	1580.4	1693.4	1840.6	1987.8	2041.3	2094.8	1894.2	2094.8
346.6	85°	527.0	707.3	803.4	899.5	1020.4	1141.3	1171.7	1202.1	1041.4	1202.1
107.3	87.5°	167.9	228.5	282.1	335.7	396.2	456.7	459.3	461.8	387.7	461.8
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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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1300.4	0°	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4	1300.4
1435.4	2.5°	1433.2	1428.7	1424.2	1416.6	1409.1	1403.8	1398.5
1603.6	5°	1597.6	1587.6	1577.6	1559.2	1540.8	1522.3	1503.8
1765.4	7.5°	1756.6	1740.3	1724.0	1696.9	1669.8	1639.7	1609.6
1872.5	10°	1863.9	1844.7	1825.5	1793.7	1761.9	1726.3	1690.6
1907.5	12.5°	1902.8	1888.9	1874.9	1846.2	1817.5	1778.9	1740.3
1869.2	15°	1874.2	1873.7	1873.2	1855.1	1837.1	1803.8	1770.5
1774.2	17.5°	1792.7	1812.9	1833.1	1832.8	1832.5	1810.0	1787.5
1652.8	20°	1685.3	1729.9	1774.5	1798.2	1821.9	1814.0	1806.2
1537.2	22.5°	1577.9	1643.5	1709.1	1758.2	1807.3	1817.6	1827.9
1439.7	25°	1482.5	1562.1	1641.8	1716.4	1790.9	1823.4	1855.8
1361.6	27.5°	1403.6	1491.9	1580.3	1679.0	1777.7	1835.8	1893.7
1305.9	30°	1344.8	1436.8	1528.9	1650.4	1772.0	1858.4	1944.9
1289.9	32.5°	1320.5	1407.0	1493.4	1631.0	1768.5	1886.9	2005.3
1375.0	35°	1382.2	1442.2	1502.3	1645.5	1788.8	1933.7	2078.6
1625.6	37.5°	1592.9	1596.8	1600.7	1731.0	1861.2	2031.7	2202.1
2040.4	40°	1961.0	1892.6	1824.3	1921.1	2018.0	2203.4	2388.8
2599.3	42.5°	2455.0	2305.9	2156.8	2212.6	2268.4	2452.3	2636.3
3277.1	45°	3040.0	2801.0	2562.2	2586.8	2611.4	2776.7	2941.9
4029.0	47.5°	3681.8	3337.3	2992.7	2997.7	3002.6	3163.4	3324.2
4776.3	50°	4318.0	3873.9	3429.8	3428.9	3428.1	3626.6	3825.2
5498.8	52.5°	4931.8	4401.3	3870.8	3895.2	3919.5	4159.8	4400.3
6204.7	55°	5528.8	4938.4	4348.0	4442.7	4537.5	4775.0	5012.6
6888.5	57.5°	6122.9	5526.8	4930.6	5120.6	5310.7	5440.1	5569.4
7783.9	60°	6964.2	6400.0	5835.8	6071.8	6307.9	6106.9	5906.0
8593.3	62.5°	7813.5	7296.6	6779.8	6806.4	6833.0	6284.1	5735.1
8697.2	65°	7941.0	7284.1	6627.3	6525.4	6423.5	5908.3	5393.0
8138.4	67.5°	7379.0	6694.7	6010.3	5962.6	5914.8	5424.7	4934.7
7370.3	70°	6716.8	6104.8	5492.8	5471.4	5450.1	4917.0	4384.0
6428.9	72.5°	5939.5	5460.7	4981.9	4966.5	4951.2	4339.5	3727.9
5367.1	75°	5022.5	4650.0	4277.5	4220.7	4163.8	3530.8	2897.7
4225.7	77.5°	3981.3	3698.2	3415.0	3333.6	3252.3	2661.3	2070.4
3107.5	80°	2979.2	2765.4	2551.5	2450.4	2349.3	1852.2	1355.1
2041.3	82.5°	1987.8	1840.6	1693.4	1580.4	1467.5	1127.6	787.7
1171.7	85°	1141.3	1020.4	899.5	803.4	707.3	527.0	346.6
459.3	87.5°	456.7	396.2	335.7	282.1	228.5	167.9	107.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)