

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: P945640

Luminaire Tested: **GALN-SB1C-740-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945640
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-SB1C-740-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 4000K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7897 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

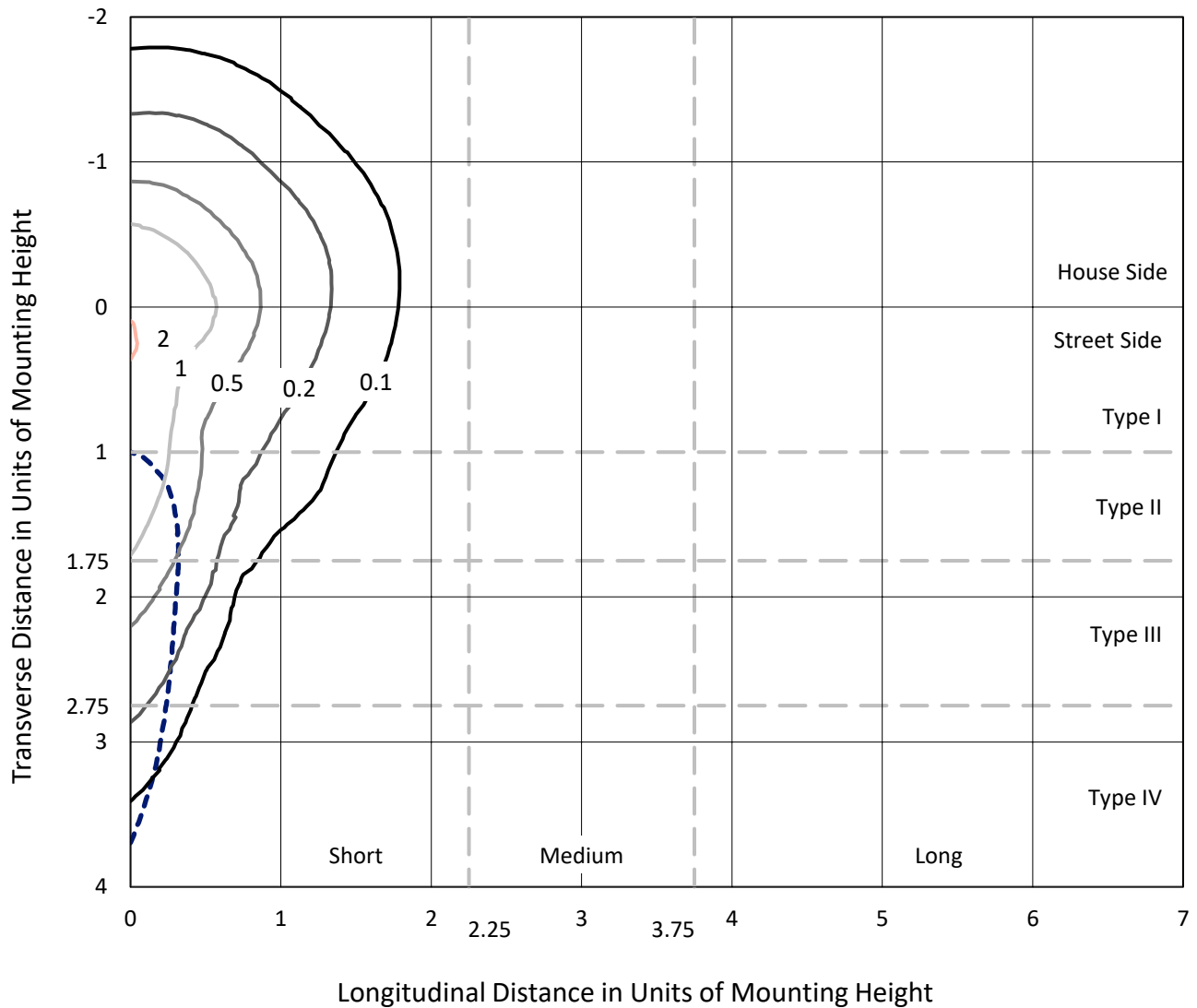
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

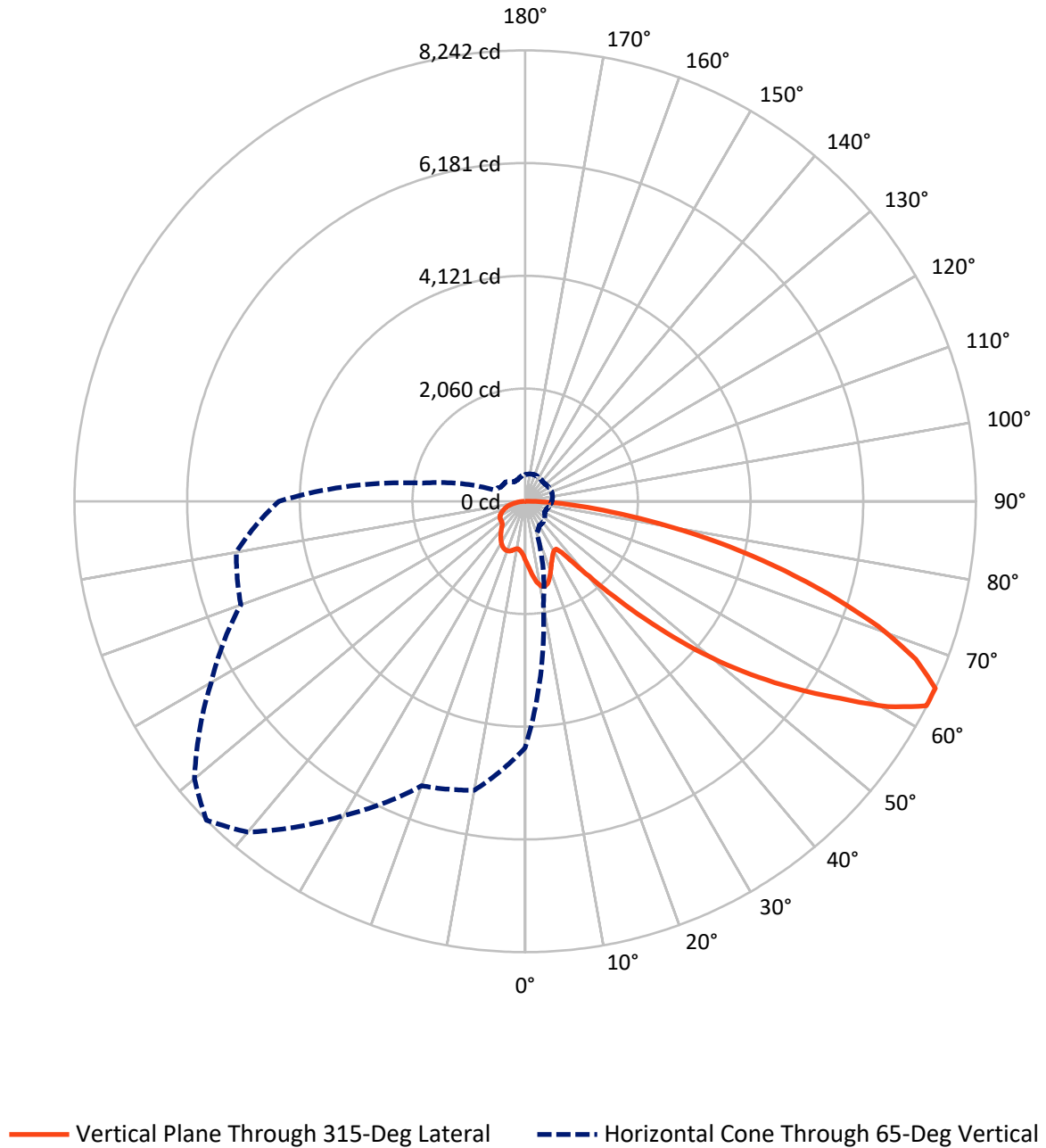
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.1 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	2007.0	0.0	2007.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5890.0	0.0	5890.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	7897.0	0.0	7897.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.7	1.4
10°-20°	338.2	4.3
20°-30°	522.3	6.6
30°-40°	661.9	8.4
40°-50°	998.4	12.6
50°-60°	1613.0	20.4
60°-70°	2010.9	25.5
70°-80°	1318.6	16.7
80°-90°	326.0	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°	7897.0	100.0
0°-180°	7897.0	100.0



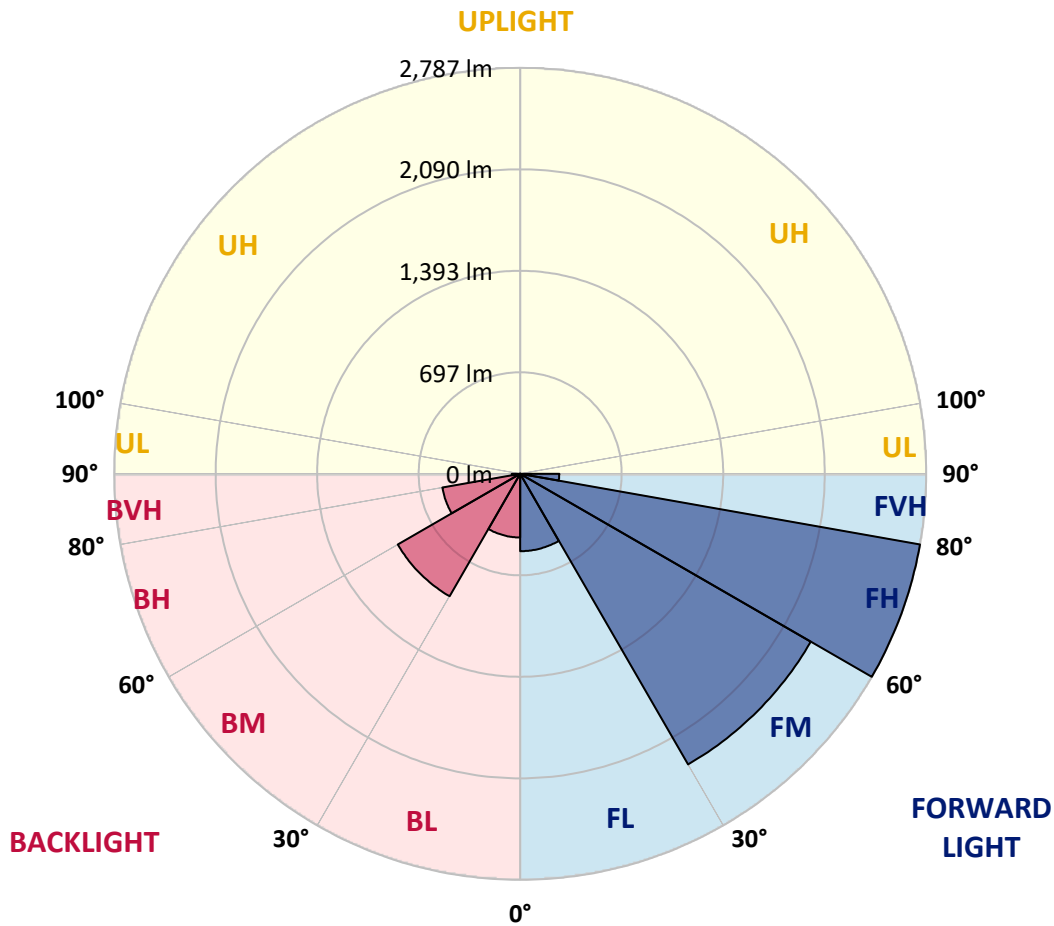
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	531.2	6.7			
FM (30°-60°)	2303.4	29.2			
FH (60°-80°)	2786.9	35.3			G2/5000
FVH (80°-90°)	268.6	3.4			G3/500
BL (0°-30°)	437.1	5.5	B1/500		
BM (30°-60°)	969.9	12.3	B1/1000		
BH (60°-80°)	542.6	6.9	B2/1000		G2/1000
BVH (80°-90°)	57.4	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°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
2.5°	1167.8	1158.8	1149.9	1140.3	1130.8	1121.2	1111.7	1102.5	1093.3	1084.4
5°	1255.7	1235.9	1216.1	1196.4	1176.7	1156.8	1137.0	1118.4	1099.9	1082.4
7.5°	1344.0	1311.4	1278.8	1248.6	1218.4	1189.0	1159.7	1133.8	1107.9	1084.0
10°	1411.8	1370.5	1329.2	1289.3	1249.5	1213.8	1178.1	1147.5	1116.8	1087.4
12.5°	1453.2	1407.8	1362.5	1317.3	1272.2	1230.1	1188.0	1153.4	1118.7	1087.8
15°	1478.4	1431.1	1383.8	1334.8	1285.8	1237.4	1188.9	1148.8	1108.7	1074.4
17.5°	1492.6	1444.6	1396.7	1343.2	1289.8	1233.5	1177.2	1129.0	1080.8	1040.5
20°	1508.2	1458.4	1408.5	1349.8	1291.0	1222.8	1154.7	1094.9	1035.2	988.2
22.5°	1526.4	1475.4	1424.5	1358.6	1292.7	1209.7	1126.8	1054.9	982.9	929.4
25°	1549.7	1499.8	1449.9	1374.6	1299.3	1196.8	1094.4	1010.2	925.9	871.1
27.5°	1581.4	1533.8	1486.1	1399.6	1313.0	1188.2	1063.4	969.3	875.1	825.3
30°	1624.1	1578.1	1532.1	1432.0	1331.8	1184.2	1036.4	935.1	833.8	791.9
32.5°	1674.5	1628.9	1583.4	1465.8	1348.1	1179.2	1010.2	905.6	801.1	767.3
35°	1735.7	1692.2	1648.5	1504.3	1360.0	1169.7	979.6	876.7	773.8	745.7
37.5°	1838.9	1783.3	1727.7	1547.4	1367.1	1153.6	940.1	842.6	745.0	720.5
40°	1994.7	1913.7	1832.7	1602.1	1371.5	1131.4	891.3	801.9	712.5	690.3
42.5°	2201.4	2084.5	1967.5	1673.8	1380.0	1108.5	837.1	757.1	677.0	656.5
45°	2456.6	2298.9	2141.2	1768.0	1394.9	1087.2	779.6	709.4	639.2	618.4
47.5°	2775.8	2553.8	2331.8	1868.5	1405.1	1069.6	734.1	671.7	609.2	582.3
50°	3194.2	2859.5	2524.8	1961.6	1398.4	1050.4	702.5	646.6	590.8	555.5
52.5°	3674.4	3180.6	2686.8	2022.1	1357.4	1018.1	678.8	630.1	581.5	540.9
55°	4185.7	3465.3	2745.0	2008.8	1272.6	964.4	656.2	618.2	580.1	542.3
57.5°	4650.7	3667.1	2683.4	1915.0	1146.5	888.7	630.9	604.0	577.1	543.8
60°	4931.8	3717.5	2503.2	1740.3	977.5	790.5	603.5	582.3	561.2	539.2
62.5°	4789.1	3505.2	2221.3	1504.2	787.1	672.9	558.7	544.7	530.7	528.0
65°	4503.4	3204.8	1906.2	1263.3	620.4	567.1	513.8	507.2	500.5	500.9
67.5°	4120.7	2847.3	1573.9	1027.2	480.5	465.4	450.2	453.9	457.6	456.7
70°	3660.9	2457.2	1253.6	808.8	364.0	368.3	372.6	389.8	406.9	406.9
72.5°	3112.9	2034.4	955.9	618.3	280.8	293.8	306.9	331.2	355.5	359.6
75°	2419.7	1549.6	679.5	448.8	218.0	229.8	241.7	268.9	296.2	315.0
77.5°	1728.9	1084.6	440.4	304.1	167.8	175.9	184.0	210.4	236.9	267.9
80°	1131.5	698.8	266.1	195.9	125.8	129.2	132.5	154.9	177.3	214.4
82.5°	657.8	404.4	151.2	120.5	89.9	90.5	91.2	107.7	124.2	155.8
85°	289.4	181.9	74.5	64.4	54.4	54.1	53.8	65.8	77.9	101.5
87.5°	89.6	59.6	29.6	26.7	23.8	23.5	23.3	28.2	33.1	42.9
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°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1074.6	2.5°	1066.6	1058.6	1051.4	1044.2	1037.9	1031.7	1025.3	1019.0	1014.2	1009.2
1065.1	5°	1050.0	1034.9	1022.2	1009.6	998.4	987.2	977.1	966.9	959.1	951.3
1061.7	7.5°	1041.6	1021.5	1004.9	988.2	974.1	960.1	947.6	935.3	926.0	916.7
1063.3	10°	1042.2	1021.0	1004.3	987.6	972.5	957.4	943.4	929.4	918.4	907.2
1065.4	12.5°	1048.1	1030.8	1019.7	1008.7	996.8	985.0	970.5	956.1	941.9	927.8
1056.5	15°	1048.2	1040.0	1041.5	1043.0	1039.9	1036.8	1024.3	1011.7	991.6	971.4
1029.4	17.5°	1032.5	1035.5	1053.7	1071.8	1081.5	1091.1	1081.0	1070.9	1044.2	1017.5
985.3	20°	999.4	1013.6	1045.2	1076.7	1096.9	1117.2	1112.5	1107.8	1077.2	1046.7
935.1	22.5°	956.1	977.1	1013.1	1049.2	1075.4	1101.7	1104.6	1107.4	1078.2	1049.0
886.5	25°	910.7	934.9	967.2	999.6	1025.5	1051.4	1061.1	1070.7	1046.8	1022.9
844.0	27.5°	867.3	890.7	917.3	943.9	964.6	985.4	996.1	1006.9	989.9	972.9
806.6	30°	825.1	843.7	865.8	887.9	905.1	922.4	931.1	939.9	926.9	913.9
773.9	32.5°	784.8	795.8	813.4	831.1	847.6	864.1	873.8	883.6	871.7	859.7
743.0	35°	746.0	749.0	762.5	775.9	792.2	808.6	820.3	831.9	823.4	815.0
710.5	37.5°	707.2	703.9	713.5	723.2	739.5	755.8	770.2	784.6	780.7	776.8
675.0	40°	667.5	660.0	666.9	673.9	689.6	705.4	722.0	738.6	739.5	740.5
637.3	42.5°	627.3	617.3	623.0	628.7	643.6	658.6	676.5	694.4	699.2	704.0
599.8	45°	590.1	580.4	585.1	590.0	604.1	618.3	636.9	655.5	662.3	669.2
566.4	47.5°	558.2	550.0	554.5	559.0	572.9	586.7	605.0	623.4	631.3	639.2
536.9	50°	529.7	522.5	529.5	536.5	549.6	562.6	579.0	595.5	605.6	615.8
515.0	52.5°	507.8	500.7	511.2	521.7	533.7	545.7	561.0	576.3	588.3	600.4
503.3	55°	491.9	480.7	495.6	510.5	523.5	536.4	549.8	563.2	575.9	588.7
496.3	57.5°	479.8	463.3	479.4	495.4	510.6	525.8	539.0	552.3	565.2	578.0
489.7	60°	468.3	446.9	461.0	475.1	492.5	510.0	523.4	536.9	549.8	562.7
482.0	62.5°	455.3	428.6	437.5	446.5	466.8	487.1	501.5	515.9	527.7	539.5
465.9	65°	437.4	409.0	412.4	415.9	437.6	459.4	473.2	486.9	497.3	507.7
437.0	67.5°	413.4	389.7	388.6	387.5	407.6	427.7	440.8	453.8	462.8	471.8
400.4	70°	383.6	366.8	363.0	359.3	376.9	394.6	405.9	417.1	425.2	433.4
359.7	72.5°	348.1	336.6	331.1	325.6	339.6	353.4	363.6	373.8	381.7	389.7
313.4	75°	304.6	295.6	290.4	285.1	295.4	305.8	315.0	324.2	331.4	338.7
267.1	77.5°	260.0	252.9	247.5	242.2	250.6	259.0	266.9	274.8	282.4	290.0
214.3	80°	208.3	202.3	197.8	193.3	200.3	207.3	214.0	220.6	226.4	232.2
157.6	82.5°	154.7	151.8	148.6	145.4	144.8	144.3	141.9	139.6	151.9	164.3
103.8	85°	100.6	97.5	94.0	90.4	87.4	84.4	77.9	71.5	83.0	94.6
45.8	87.5°	44.6	43.3	42.7	42.0	41.9	41.8	36.8	31.9	36.7	41.6
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°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1005.3	2.5°	1001.3	998.2	995.1	992.3	989.4	985.9	989.4	992.3	995.1	998.2
945.9	5°	940.4	936.5	932.6	929.7	926.7	923.8	926.7	929.7	932.6	936.5
910.2	7.5°	903.7	899.3	894.9	892.2	889.6	887.6	889.6	892.2	894.9	899.3
900.0	10°	892.6	888.4	884.2	882.0	879.7	878.8	879.7	882.0	884.2	888.4
918.4	12.5°	909.0	904.3	899.6	897.7	895.8	895.5	895.8	897.7	899.6	904.3
957.1	15°	942.9	936.4	929.9	927.4	924.9	924.6	924.9	927.4	929.9	936.4
996.5	17.5°	975.5	965.8	956.1	952.9	949.7	949.2	949.7	952.9	956.1	965.8
1021.0	20°	995.3	982.9	970.5	966.5	962.6	961.3	962.6	966.5	970.5	982.9
1022.5	22.5°	996.0	982.9	969.9	965.5	961.1	959.2	961.1	965.5	969.9	982.9
999.3	25°	975.8	964.5	953.2	949.1	945.0	942.6	945.0	949.1	953.2	964.5
954.6	27.5°	936.3	928.7	921.1	919.2	917.4	916.7	917.4	919.2	921.1	928.7
900.8	30°	887.6	883.8	879.9	879.9	879.9	880.5	879.9	879.9	879.9	883.8
849.3	32.5°	838.8	836.3	833.7	834.1	834.4	835.1	834.4	834.1	833.7	836.3
805.3	35°	795.7	791.8	788.0	787.1	786.3	785.9	786.3	787.1	788.0	791.8
767.9	37.5°	759.0	752.0	745.0	741.3	737.5	735.5	737.5	741.3	745.0	752.0
732.9	40°	725.4	715.1	705.0	698.0	691.2	687.1	691.2	698.0	705.0	715.1
697.6	42.5°	691.3	678.6	665.9	655.8	645.8	639.2	645.8	655.8	665.9	678.6
663.5	45°	657.8	643.2	628.7	616.9	605.1	597.5	605.1	616.9	628.7	643.2
635.2	47.5°	631.2	618.3	605.4	594.5	583.6	576.3	583.6	594.5	605.4	618.3
615.5	50°	615.4	605.0	594.7	584.6	574.5	567.5	574.5	584.6	594.7	605.0
602.5	52.5°	604.7	596.3	587.9	578.8	569.8	563.4	569.8	578.8	587.9	596.3
591.7	55°	594.7	587.4	580.0	572.1	564.2	558.4	564.2	572.1	580.0	587.4
581.1	57.5°	584.1	576.7	569.3	561.5	553.6	547.5	553.6	561.5	569.3	576.7
566.1	60°	569.4	562.2	555.0	546.9	538.8	532.5	538.8	546.9	555.0	562.2
542.7	62.5°	546.0	539.4	532.9	524.4	515.9	508.4	515.9	524.4	532.9	539.4
511.0	65°	514.3	508.0	501.7	493.4	485.2	478.8	485.2	493.4	501.7	508.0
475.0	67.5°	478.2	472.4	466.6	458.9	451.3	445.4	451.3	458.9	466.6	472.4
436.4	70°	439.5	434.8	430.1	422.8	415.4	408.8	415.4	422.8	430.1	434.8
393.4	72.5°	397.0	393.1	389.2	382.2	375.2	368.8	375.2	382.2	389.2	393.1
342.5	75°	346.4	344.4	342.5	336.6	330.8	324.6	330.8	336.6	342.5	344.4
293.6	77.5°	297.2	294.5	291.8	285.9	279.9	275.0	279.9	285.9	291.8	294.5
236.9	80°	241.7	240.5	239.4	231.4	223.4	214.2	223.4	231.4	239.4	240.5
172.3	82.5°	180.4	179.9	179.4	172.7	165.9	160.0	165.9	172.7	179.4	179.9
104.6	85°	114.6	113.8	112.9	107.7	102.4	97.1	102.4	107.7	112.9	113.8
45.6	87.5°	49.7	48.7	47.6	44.9	42.2	39.6	42.2	44.9	47.6	48.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1001.3	2.5°	1005.3	1009.2	1014.2	1019.0	1025.3	1031.7	1037.9	1044.2	1051.4	1058.6
940.4	5°	945.9	951.3	959.1	966.9	977.1	987.2	998.4	1009.6	1022.2	1034.9
903.7	7.5°	910.2	916.7	926.0	935.3	947.6	960.1	974.1	988.2	1004.9	1021.5
892.6	10°	900.0	907.2	918.4	929.4	943.4	957.4	972.5	987.6	1004.3	1021.0
909.0	12.5°	918.4	927.8	941.9	956.1	970.5	985.0	996.8	1008.7	1019.7	1030.8
942.9	15°	957.1	971.4	991.6	1011.7	1024.3	1036.8	1039.9	1043.0	1041.5	1040.0
975.5	17.5°	996.5	1017.5	1044.2	1070.9	1081.0	1091.1	1081.5	1071.8	1053.7	1035.5
995.3	20°	1021.0	1046.7	1077.2	1107.8	1112.5	1117.2	1096.9	1076.7	1045.2	1013.6
996.0	22.5°	1022.5	1049.0	1078.2	1107.4	1104.6	1101.7	1075.4	1049.2	1013.1	977.1
975.8	25°	999.3	1022.9	1046.8	1070.7	1061.1	1051.4	1025.5	999.6	967.2	934.9
936.3	27.5°	954.6	972.9	989.9	1006.9	996.1	985.4	964.6	943.9	917.3	890.7
887.6	30°	900.8	913.9	926.9	939.9	931.1	922.4	905.1	887.9	865.8	843.7
838.8	32.5°	849.3	859.7	871.7	883.6	873.8	864.1	847.6	831.1	813.4	795.8
795.7	35°	805.3	815.0	823.4	831.9	820.3	808.6	792.2	775.9	762.5	749.0
759.0	37.5°	767.9	776.8	780.7	784.6	770.2	755.8	739.5	723.2	713.5	703.9
725.4	40°	732.9	740.5	739.5	738.6	722.0	705.4	689.6	673.9	666.9	660.0
691.3	42.5°	697.6	704.0	699.2	694.4	676.5	658.6	643.6	628.7	623.0	617.3
657.8	45°	663.5	669.2	662.3	655.5	636.9	618.3	604.1	590.0	585.1	580.4
631.2	47.5°	635.2	639.2	631.3	623.4	605.0	586.7	572.9	559.0	554.5	550.0
615.4	50°	615.5	615.8	605.6	595.5	579.0	562.6	549.6	536.5	529.5	522.5
604.7	52.5°	602.5	600.4	588.3	576.3	561.0	545.7	533.7	521.7	511.2	500.7
594.7	55°	591.7	588.7	575.9	563.2	549.8	536.4	523.5	510.5	495.6	480.7
584.1	57.5°	581.1	578.0	565.2	552.3	539.0	525.8	510.6	495.4	479.4	463.3
569.4	60°	566.1	562.7	549.8	536.9	523.4	510.0	492.5	475.1	461.0	446.9
546.0	62.5°	542.7	539.5	527.7	515.9	501.5	487.1	466.8	446.5	437.5	428.6
514.3	65°	511.0	507.7	497.3	486.9	473.2	459.4	437.6	415.9	412.4	409.0
478.2	67.5°	475.0	471.8	462.8	453.8	440.8	427.7	407.6	387.5	388.6	389.7
439.5	70°	436.4	433.4	425.2	417.1	405.9	394.6	376.9	359.3	363.0	366.8
397.0	72.5°	393.4	389.7	381.7	373.8	363.6	353.4	339.6	325.6	331.1	336.6
346.4	75°	342.5	338.7	331.4	324.2	315.0	305.8	295.4	285.1	290.4	295.6
297.2	77.5°	293.6	290.0	282.4	274.8	266.9	259.0	250.6	242.2	247.5	252.9
241.7	80°	236.9	232.2	226.4	220.6	214.0	207.3	200.3	193.3	197.8	202.3
180.4	82.5°	172.3	164.3	151.9	139.6	141.9	144.3	144.8	145.4	148.6	151.8
114.6	85°	104.6	94.6	83.0	71.5	77.9	84.4	87.4	90.4	94.0	97.5
49.7	87.5°	45.6	41.6	36.7	31.9	36.8	41.8	41.9	42.0	42.7	43.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1066.6	2.5°	1074.6	1084.4	1093.3	1102.5	1111.7	1121.2	1130.8	1140.3	1149.9	1158.8
1050.0	5°	1065.1	1082.4	1099.9	1118.4	1137.0	1156.8	1176.7	1196.4	1216.1	1235.9
1041.6	7.5°	1061.7	1084.0	1107.9	1133.8	1159.7	1189.0	1218.4	1248.6	1278.8	1311.4
1042.2	10°	1063.3	1087.4	1116.8	1147.5	1178.1	1213.8	1249.5	1289.3	1329.2	1370.5
1048.1	12.5°	1065.4	1087.8	1118.7	1153.4	1188.0	1230.1	1272.2	1317.3	1362.5	1407.8
1048.2	15°	1056.5	1074.4	1108.7	1148.8	1188.9	1237.4	1285.8	1334.8	1383.8	1431.1
1032.5	17.5°	1029.4	1040.5	1080.8	1129.0	1177.2	1233.5	1289.8	1343.2	1396.7	1444.6
999.4	20°	985.3	988.2	1035.2	1094.9	1154.7	1222.8	1291.0	1349.8	1408.5	1458.4
956.1	22.5°	935.1	929.4	982.9	1054.9	1126.8	1209.7	1292.7	1358.6	1424.5	1475.4
910.7	25°	886.5	871.1	925.9	1010.2	1094.4	1196.8	1299.3	1374.6	1449.9	1499.8
867.3	27.5°	844.0	825.3	875.1	969.3	1063.4	1188.2	1313.0	1399.6	1486.1	1533.8
825.1	30°	806.6	791.9	833.8	935.1	1036.4	1184.2	1331.8	1432.0	1532.1	1578.1
784.8	32.5°	773.9	767.3	801.1	905.6	1010.2	1179.2	1348.1	1465.8	1583.4	1628.9
746.0	35°	743.0	745.7	773.8	876.7	979.6	1169.7	1360.0	1504.3	1648.5	1692.2
707.2	37.5°	710.5	720.5	745.0	842.6	940.1	1153.6	1367.1	1547.4	1727.7	1783.3
667.5	40°	675.0	690.3	712.5	801.9	891.3	1131.4	1371.5	1602.1	1832.7	1913.7
627.3	42.5°	637.3	656.5	677.0	757.1	837.1	1108.5	1380.0	1673.8	1967.5	2084.5
590.1	45°	599.8	618.4	639.2	709.4	779.6	1087.2	1394.9	1768.0	2141.2	2298.9
558.2	47.5°	566.4	582.3	609.2	671.7	734.1	1069.6	1405.1	1868.5	2331.8	2553.8
529.7	50°	536.9	555.5	590.8	646.6	702.5	1050.4	1398.4	1961.6	2524.8	2859.5
507.8	52.5°	515.0	540.9	581.5	630.1	678.8	1018.1	1357.4	2022.1	2686.8	3180.6
491.9	55°	503.3	542.3	580.1	618.2	656.2	964.4	1272.6	2008.8	2745.0	3465.3
479.8	57.5°	496.3	543.8	577.1	604.0	630.9	888.7	1146.5	1915.0	2683.4	3667.1
468.3	60°	489.7	539.2	561.2	582.3	603.5	790.5	977.5	1740.3	2503.2	3717.5
455.3	62.5°	482.0	528.0	530.7	544.7	558.7	672.9	787.1	1504.2	2221.3	3505.2
437.4	65°	465.9	500.9	500.5	507.2	513.8	567.1	620.4	1263.3	1906.2	3204.8
413.4	67.5°	437.0	456.7	457.6	453.9	450.2	465.4	480.5	1027.2	1573.9	2847.3
383.6	70°	400.4	406.9	406.9	389.8	372.6	368.3	364.0	808.8	1253.6	2457.2
348.1	72.5°	359.7	359.6	355.5	331.2	306.9	293.8	280.8	618.3	955.9	2034.4
304.6	75°	313.4	315.0	296.2	268.9	241.7	229.8	218.0	448.8	679.5	1549.6
260.0	77.5°	267.1	267.9	236.9	210.4	184.0	175.9	167.8	304.1	440.4	1084.6
208.3	80°	214.3	214.4	177.3	154.9	132.5	129.2	125.8	195.9	266.1	698.8
154.7	82.5°	157.6	155.8	124.2	107.7	91.2	90.5	89.9	120.5	151.2	404.4
100.6	85°	103.8	101.5	77.9	65.8	53.8	54.1	54.4	64.4	74.5	181.9
44.6	87.5°	45.8	42.9	33.1	28.2	23.3	23.5	23.8	26.7	29.6	59.6
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°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1167.8	2.5°	1172.2	1176.7	1183.0	1189.2	1193.0	1196.7	1198.6	1200.5	1199.7	1200.5
1255.7	5°	1271.2	1286.7	1302.0	1317.4	1325.7	1334.0	1339.1	1344.2	1348.0	1344.2
1344.0	7.5°	1369.2	1394.3	1417.0	1439.6	1453.2	1466.8	1474.2	1481.6	1485.1	1481.6
1411.8	10°	1441.5	1471.3	1497.8	1524.4	1540.4	1556.4	1563.6	1570.7	1573.4	1570.7
1453.2	12.5°	1485.5	1517.7	1541.7	1565.6	1577.3	1588.9	1592.9	1596.8	1597.2	1596.8
1478.4	15°	1506.3	1534.1	1549.1	1564.2	1564.6	1565.0	1560.9	1556.7	1551.8	1556.7
1492.6	17.5°	1511.4	1530.2	1530.5	1530.7	1513.9	1497.0	1481.5	1466.0	1455.1	1466.0
1508.2	20°	1514.8	1521.4	1501.6	1481.8	1444.5	1407.3	1380.1	1353.0	1336.3	1353.0
1526.4	22.5°	1517.8	1509.2	1468.2	1427.2	1372.4	1317.6	1283.7	1249.7	1231.3	1249.7
1549.7	25°	1522.6	1495.5	1433.3	1371.0	1304.5	1237.9	1202.2	1166.7	1149.2	1166.7
1581.4	27.5°	1532.9	1484.5	1402.0	1319.6	1245.8	1172.1	1137.0	1101.9	1085.5	1101.9
1624.1	30°	1551.9	1479.7	1378.2	1276.7	1199.8	1123.0	1090.4	1057.9	1042.6	1057.9
1674.5	32.5°	1575.6	1476.8	1361.9	1247.1	1174.9	1102.7	1077.1	1051.5	1040.5	1051.5
1735.7	35°	1614.7	1493.8	1374.1	1254.5	1204.3	1154.2	1148.2	1142.2	1141.3	1142.2
1838.9	37.5°	1696.5	1554.2	1445.4	1336.7	1333.4	1330.2	1357.4	1384.7	1398.8	1384.7
1994.7	40°	1839.9	1685.1	1604.2	1523.4	1580.4	1637.5	1703.8	1770.0	1803.0	1770.0
2201.4	42.5°	2047.8	1894.2	1847.6	1801.0	1925.5	2050.1	2170.6	2291.1	2361.8	2291.1
2456.6	45°	2318.7	2180.6	2160.1	2139.5	2339.0	2538.5	2736.5	2934.6	3054.8	2934.6
2775.8	47.5°	2641.6	2507.3	2503.2	2499.0	2786.8	3074.5	3364.3	3654.2	3824.4	3654.2
3194.2	50°	3028.4	2862.6	2863.3	2864.0	3234.9	3605.7	3988.4	4371.0	4602.4	4371.0
3674.4	52.5°	3473.6	3272.9	3252.6	3232.3	3675.3	4118.3	4591.7	5065.1	5342.4	5065.1
4185.7	55°	3987.3	3789.0	3709.9	3630.7	4123.8	4616.8	5181.2	5745.6	6075.4	5745.6
4650.7	57.5°	4542.7	4434.7	4276.0	4117.3	4615.1	5112.9	5752.2	6391.5	6800.5	6391.5
4931.8	60°	5099.5	5267.4	5070.3	4873.2	5344.3	5815.4	6499.8	7184.3	7626.3	7184.3
4789.1	62.5°	5247.5	5705.9	5683.7	5661.4	6093.0	6524.6	7175.8	7827.0	8235.5	7827.0
4503.4	65°	4933.7	5363.9	5449.0	5534.1	6082.6	6631.1	7262.5	7893.9	8241.8	7893.9
4120.7	67.5°	4529.9	4939.1	4979.0	5018.9	5590.3	6161.7	6795.9	7430.1	7702.6	7430.1
3660.9	70°	4105.9	4551.1	4568.9	4586.8	5097.8	5608.8	6154.5	6700.2	6851.7	6700.2
3112.9	72.5°	3623.7	4134.4	4147.3	4160.1	4559.9	4959.7	5368.4	5777.1	5792.5	5777.1
2419.7	75°	2948.4	3477.0	3524.4	3571.9	3883.0	4194.0	4481.8	4769.5	4692.4	4769.5
1728.9	77.5°	2222.3	2715.8	2783.7	2851.6	3088.1	3324.6	3528.7	3732.7	3600.2	3732.7
1131.5	80°	1546.7	1961.8	2046.2	2130.6	2309.2	2487.7	2594.9	2702.1	2488.9	2702.1
657.8	82.5°	941.6	1225.4	1319.7	1414.1	1537.0	1659.9	1704.6	1749.3	1581.8	1749.3
289.4	85°	440.0	590.7	670.9	751.1	852.1	953.1	978.4	1003.8	869.6	1003.8
89.6	87.5°	140.2	190.8	235.6	280.4	330.9	381.4	383.5	385.7	323.8	385.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°		330°	335°	340°	345°	350°	355°	360°
1085.9	0°	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9	1085.9
1198.6	2.5°	1196.7	1193.0	1189.2	1183.0	1176.7	1172.2	1167.8
1339.1	5°	1334.0	1325.7	1317.4	1302.0	1286.7	1271.2	1255.7
1474.2	7.5°	1466.8	1453.2	1439.6	1417.0	1394.3	1369.2	1344.0
1563.6	10°	1556.4	1540.4	1524.4	1497.8	1471.3	1441.5	1411.8
1592.9	12.5°	1588.9	1577.3	1565.6	1541.7	1517.7	1485.5	1453.2
1560.9	15°	1565.0	1564.6	1564.2	1549.1	1534.1	1506.3	1478.4
1481.5	17.5°	1497.0	1513.9	1530.7	1530.5	1530.2	1511.4	1492.6
1380.1	20°	1407.3	1444.5	1481.8	1501.6	1521.4	1514.8	1508.2
1283.7	22.5°	1317.6	1372.4	1427.2	1468.2	1509.2	1517.8	1526.4
1202.2	25°	1237.9	1304.5	1371.0	1433.3	1495.5	1522.6	1549.7
1137.0	27.5°	1172.1	1245.8	1319.6	1402.0	1484.5	1532.9	1581.4
1090.4	30°	1123.0	1199.8	1276.7	1378.2	1479.7	1551.9	1624.1
1077.1	32.5°	1102.7	1174.9	1247.1	1361.9	1476.8	1575.6	1674.5
1148.2	35°	1154.2	1204.3	1254.5	1374.1	1493.8	1614.7	1735.7
1357.4	37.5°	1330.2	1333.4	1336.7	1445.4	1554.2	1696.5	1838.9
1703.8	40°	1637.5	1580.4	1523.4	1604.2	1685.1	1839.9	1994.7
2170.6	42.5°	2050.1	1925.5	1801.0	1847.6	1894.2	2047.8	2201.4
2736.5	45°	2538.5	2339.0	2139.5	2160.1	2180.6	2318.7	2456.6
3364.3	47.5°	3074.5	2786.8	2499.0	2503.2	2507.3	2641.6	2775.8
3988.4	50°	3605.7	3234.9	2864.0	2863.3	2862.6	3028.4	3194.2
4591.7	52.5°	4118.3	3675.3	3232.3	3252.6	3272.9	3473.6	3674.4
5181.2	55°	4616.8	4123.8	3630.7	3709.9	3789.0	3987.3	4185.7
5752.2	57.5°	5112.9	4615.1	4117.3	4276.0	4434.7	4542.7	4650.7
6499.8	60°	5815.4	5344.3	4873.2	5070.3	5267.4	5099.5	4931.8
7175.8	62.5°	6524.6	6093.0	5661.4	5683.7	5705.9	5247.5	4789.1
7262.5	65°	6631.1	6082.6	5534.1	5449.0	5363.9	4933.7	4503.4
6795.9	67.5°	6161.7	5590.3	5018.9	4979.0	4939.1	4529.9	4120.7
6154.5	70°	5608.8	5097.8	4586.8	4568.9	4551.1	4105.9	3660.9
5368.4	72.5°	4959.7	4559.9	4160.1	4147.3	4134.4	3623.7	3112.9
4481.8	75°	4194.0	3883.0	3571.9	3524.4	3477.0	2948.4	2419.7
3528.7	77.5°	3324.6	3088.1	2851.6	2783.7	2715.8	2222.3	1728.9
2594.9	80°	2487.7	2309.2	2130.6	2046.2	1961.8	1546.7	1131.5
1704.6	82.5°	1659.9	1537.0	1414.1	1319.7	1225.4	941.6	657.8
978.4	85°	953.1	852.1	751.1	670.9	590.7	440.0	289.4
383.5	87.5°	381.4	330.9	280.4	235.6	190.8	140.2	89.6
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)