

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

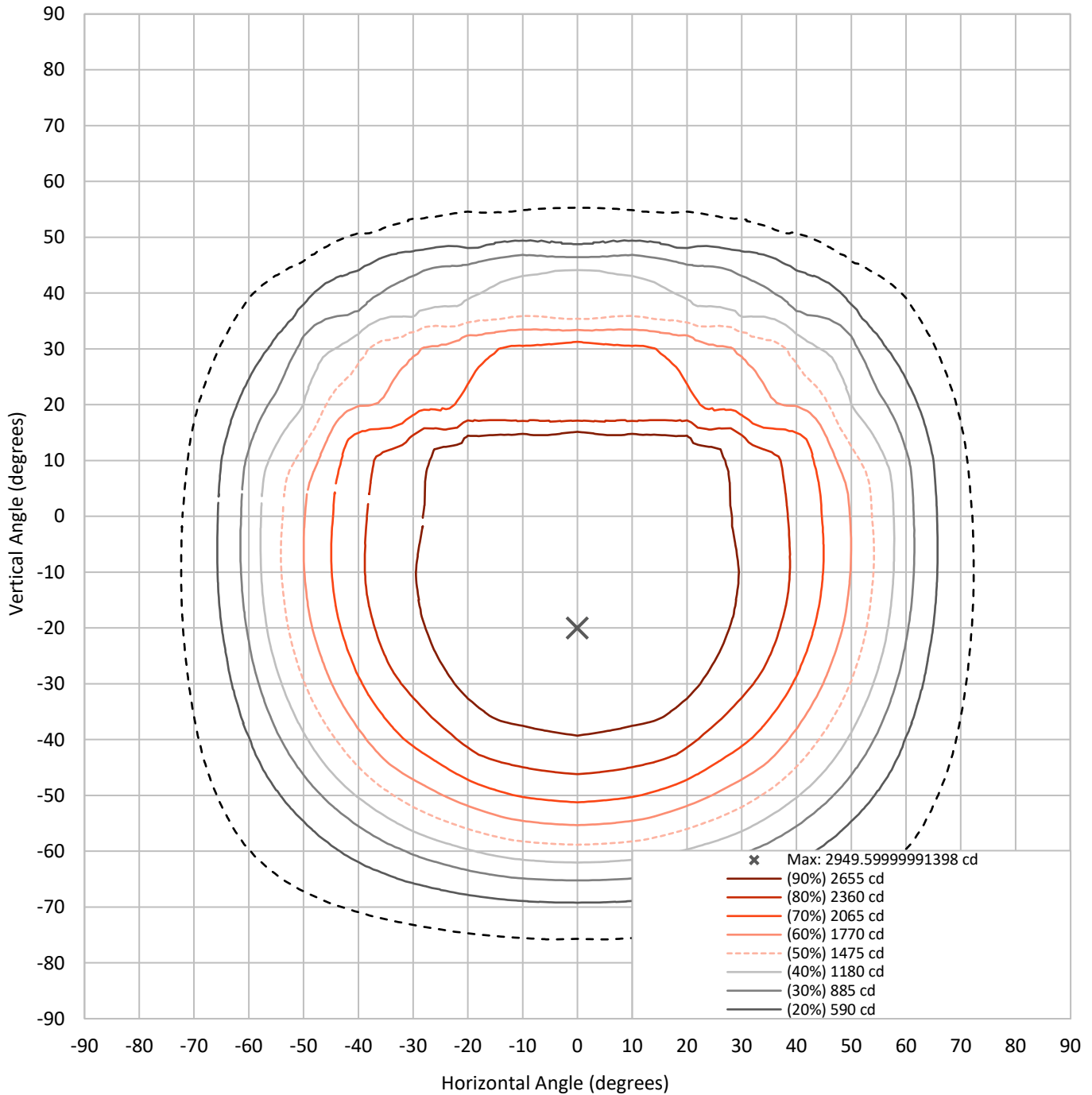
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	6916.1 lumens	Max Intensity:	2949.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	108.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	5406.6 lumens	Field Lumens:	6778.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
Input Voltage (V):	120		
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:	25 FT		



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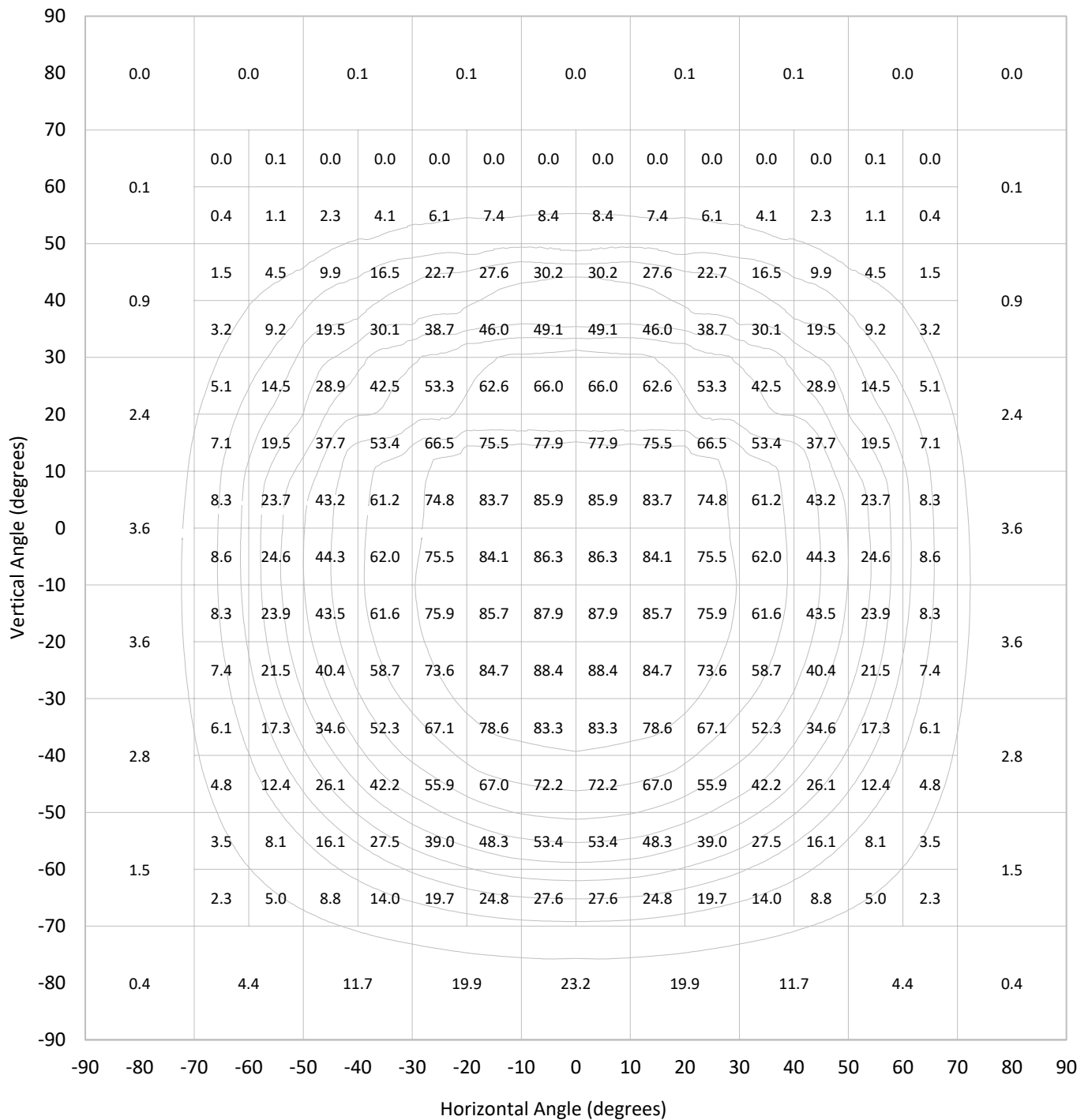
Iso-Candela Plot





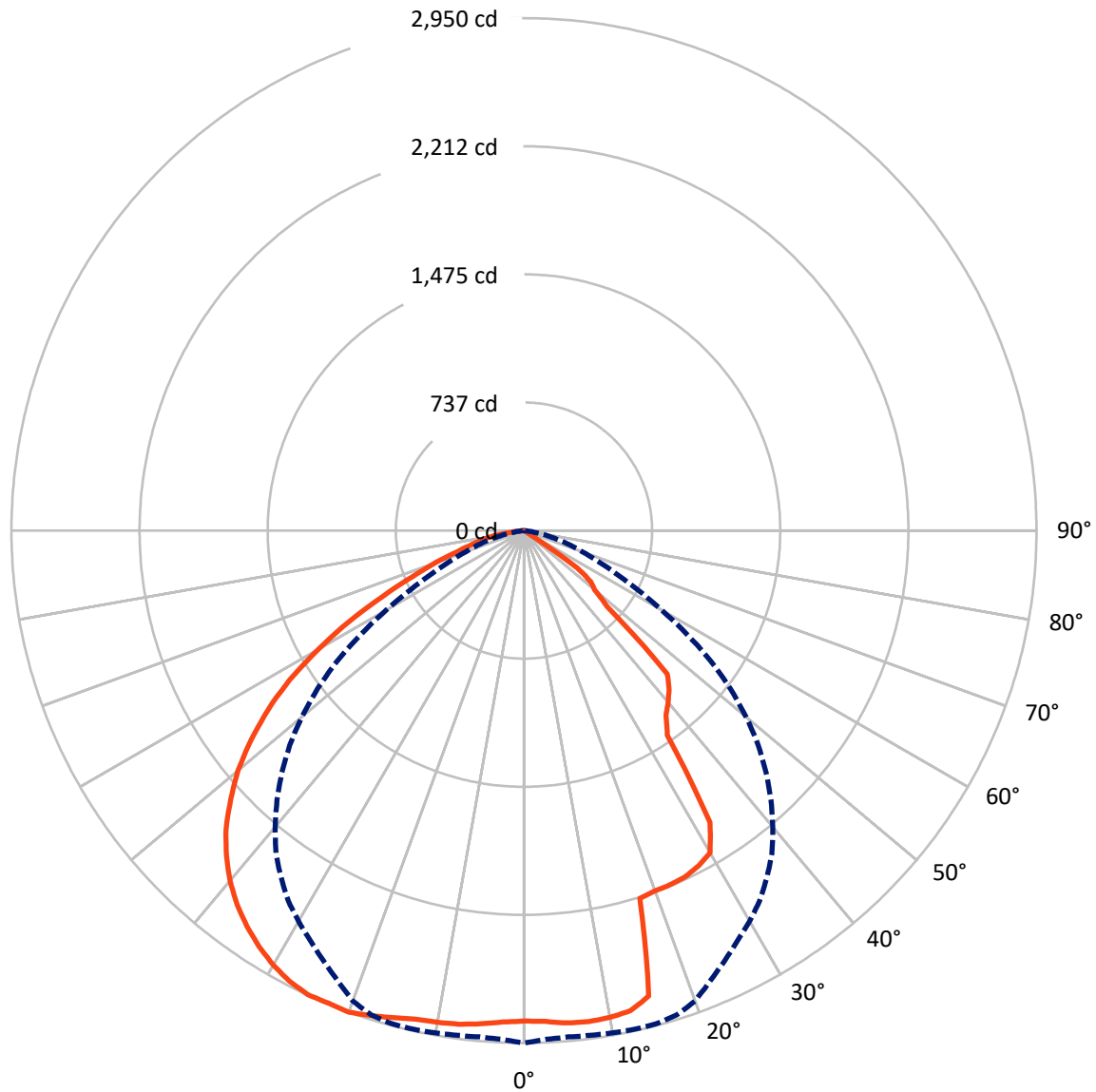
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Lumen Table



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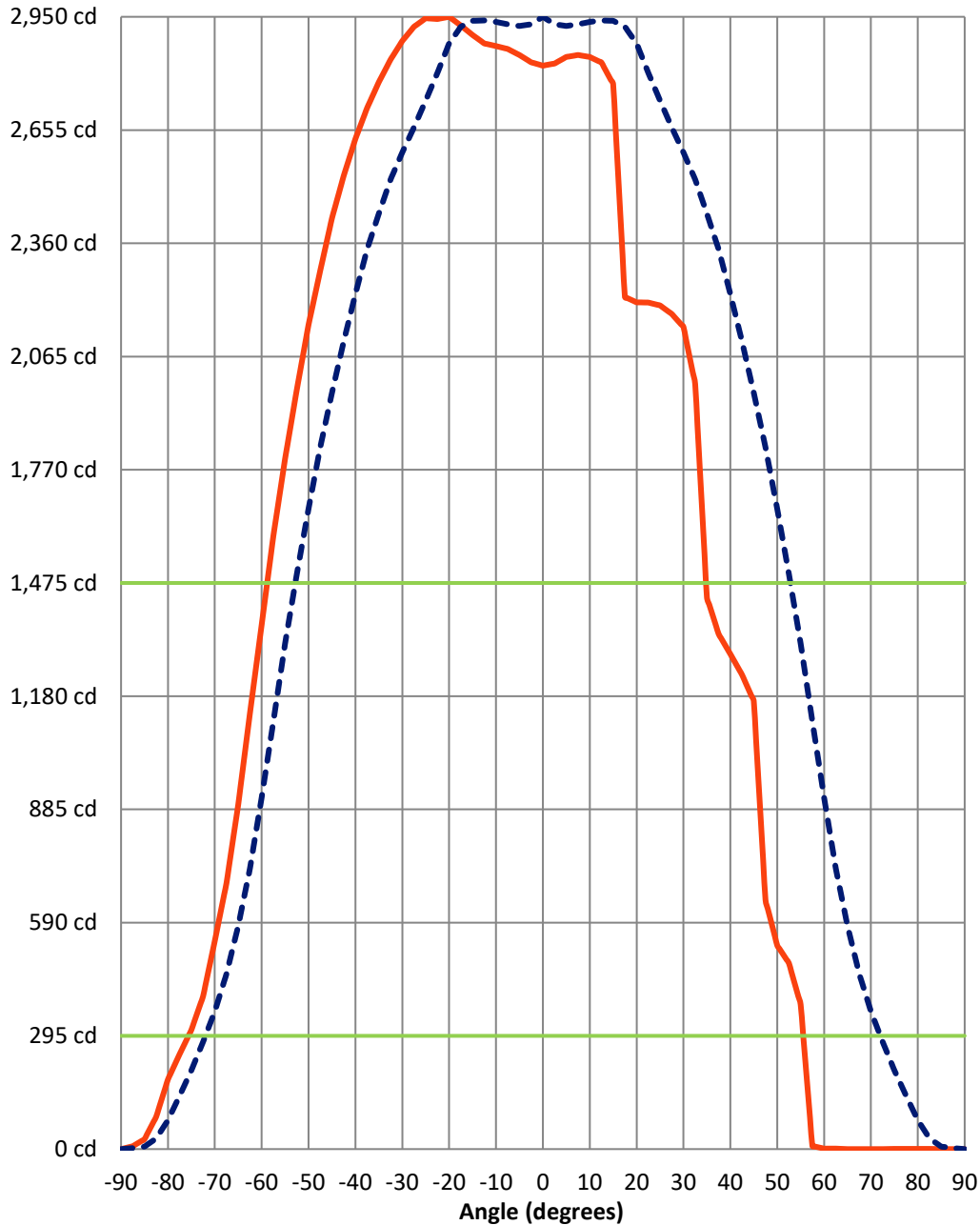
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 5406.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 6778.8
 Efficiency: 98.0%

Spill:
 Lumens: 137.3
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -20-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	0.8	0.6
80°	0.0	0.3	0.5	0.7	0.9	1.1	1.3	1.1	1.0	0.8	0.6
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.2	1.0	0.8	0.6
75°	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.2	1.0	0.8	0.7
72.5°	0.0	0.5	0.8	1.2	1.4	1.4	1.3	1.2	1.0	0.8	0.7
70°	0.0	0.6	0.9	1.3	1.4	1.4	1.4	1.2	1.0	0.9	1.0
67.5°	0.0	0.6	1.0	1.4	1.5	1.5	1.5	1.2	1.1	1.4	1.4
65°	0.0	0.7	1.1	1.4	1.5	1.7	1.7	1.2	1.7	2.0	2.5
62.5°	0.0	0.8	1.3	1.5	1.6	2.1	2.0	1.7	2.4	3.5	5.5
60°	0.0	0.8	1.4	1.6	1.7	2.6	2.4	2.4	3.1	8.8	9.5
57.5°	0.0	0.9	1.4	1.6	2.2	3.0	4.3	3.4	8.6	14.9	17.3
55°	0.0	0.9	1.5	1.7	2.7	3.6	6.9	5.5	15.9	22.9	28.0
52.5°	0.0	1.0	1.6	1.7	3.2	4.6	9.9	13.8	23.8	36.0	40.6
50°	0.0	1.1	1.7	1.8	3.8	7.8	13.3	23.3	34.1	50.5	63.3
47.5°	0.0	1.1	1.7	2.0	4.4	11.3	17.9	33.3	49.1	66.5	86.6
45°	0.0	1.2	1.8	2.5	5.0	15.0	27.0	43.7	66.0	86.7	109.2
42.5°	0.0	1.3	1.9	2.9	5.7	19.0	36.3	56.9	83.1	106.3	135.2
40°	0.0	1.3	1.9	3.5	7.6	23.2	45.8	72.0	100.7	125.5	163.1
37.5°	0.0	1.4	2.0	4.3	10.9	27.6	55.5	87.1	119.2	148.7	192.2
35°	0.0	1.4	2.1	5.1	14.2	34.3	65.3	102.2	138.0	177.1	226.7
32.5°	0.0	1.5	2.2	6.0	17.6	42.1	76.0	117.2	157.0	205.7	268.6
30°	0.0	1.5	2.3	7.0	21.0	49.8	88.2	132.4	176.2	234.4	308.7
27.5°	0.0	1.6	2.3	8.1	25.2	57.4	100.2	148.2	197.3	263.0	347.1
25°	0.0	1.6	2.4	9.2	29.5	64.9	111.8	163.8	221.1	294.3	383.7
22.5°	0.0	1.6	2.5	10.4	33.8	72.5	123.2	179.2	244.4	325.6	420.8
20°	0.0	1.7	2.6	11.6	38.1	80.7	134.1	194.2	267.1	355.0	456.9
17.5°	0.0	1.7	2.6	12.8	42.3	88.7	145.0	208.8	289.1	382.7	491.9
15°	0.0	1.8	2.7	14.1	46.4	96.3	155.4	222.4	310.2	408.5	525.6
12.5°	0.0	1.8	2.8	15.3	50.3	103.5	165.1	234.5	327.1	432.4	557.6
10°	0.0	1.8	2.9	16.5	54.1	110.4	174.2	245.7	339.6	446.8	583.7
7.5°	0.0	1.8	2.9	17.7	57.6	116.8	182.5	255.9	350.3	457.9	598.9
5°	0.0	1.9	3.0	18.8	60.9	122.7	190.0	265.0	359.3	466.8	611.2
2.5°	0.0	1.9	3.0	19.8	64.0	128.1	196.8	273.1	366.5	473.7	620.7
0°	0.0	1.9	3.1	20.8	66.7	132.9	202.8	280.2	372.2	478.6	627.2
-2.5°	0.0	2.0	3.6	22.2	69.2	135.9	205.8	284.3	374.2	484.8	631.4
-5°	0.0	2.1	4.1	23.4	71.4	138.3	207.9	287.4	374.9	488.8	632.8
-7.5°	0.0	2.2	4.6	24.5	73.2	140.0	209.3	289.2	374.4	490.4	631.3
-10°	0.0	2.3	5.0	25.5	74.5	141.1	210.0	290.0	372.8	489.4	627.3
-12.5°	0.0	2.4	5.5	26.3	75.4	141.6	209.8	289.5	370.2	485.5	620.4
-15°	0.0	2.5	5.9	26.9	75.8	141.4	209.0	287.8	367.3	477.8	610.5
-17.5°	0.0	2.5	6.2	27.4	75.8	140.5	207.5	284.3	363.7	468.2	597.5
-20°	0.0	2.6	6.6	27.7	75.3	139.0	205.1	279.4	358.6	456.7	581.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	6.9	27.8	74.2	136.9	201.7	273.4	352.0	443.5	562.4
-25°	0.0	2.7	7.2	27.6	72.6	133.6	197.5	266.5	343.8	428.6	540.4
-27.5°	0.0	2.7	7.4	27.3	70.5	129.5	192.4	258.7	334.1	414.2	520.8
-30°	0.0	2.7	7.6	26.7	67.9	124.8	186.6	249.9	323.4	402.0	500.0
-32.5°	0.0	2.7	7.8	25.9	64.8	119.6	180.0	241.8	312.1	387.9	477.7
-35°	0.0	2.7	7.9	24.9	61.4	113.9	172.9	233.3	299.9	372.0	454.0
-37.5°	0.0	2.7	7.9	23.7	57.6	108.1	165.3	223.9	286.8	354.2	430.7
-40°	0.0	2.7	7.9	22.2	53.5	102.8	157.0	213.6	272.8	337.3	407.6
-42.5°	0.0	2.6	7.9	20.6	50.3	97.2	148.2	202.4	259.4	319.5	382.7
-45°	0.0	2.6	7.8	19.0	48.2	91.2	138.9	190.9	245.6	300.5	357.0
-47.5°	0.0	2.5	7.7	17.2	45.7	84.9	129.0	179.3	230.9	280.6	334.7
-50°	0.0	2.5	7.5	16.6	42.8	78.2	120.7	167.2	214.6	262.3	311.4
-52.5°	0.0	2.4	7.2	16.2	39.5	71.2	112.4	154.5	198.9	243.5	287.5
-55°	0.0	2.3	6.9	15.7	35.9	66.0	103.8	141.7	183.3	224.2	266.2
-57.5°	0.0	2.2	6.6	15.0	32.0	60.6	94.8	131.5	167.1	205.7	244.5
-60°	0.0	2.0	6.2	14.2	27.8	54.7	85.8	120.2	150.9	187.0	222.8
-62.5°	0.0	1.9	5.8	13.2	25.8	48.4	77.5	108.0	135.9	167.7	201.6
-65°	0.0	1.8	5.4	12.0	23.6	41.7	68.6	95.2	120.0	148.4	179.8
-67.5°	0.0	1.6	5.0	10.7	21.1	36.0	59.2	82.6	103.3	128.3	156.3
-70°	0.0	1.5	4.5	9.3	18.3	31.5	49.2	69.7	88.3	107.2	131.3
-72.5°	0.0	1.3	4.0	8.2	15.4	26.7	41.7	56.5	73.0	89.7	106.7
-75°	0.0	1.1	3.5	7.1	12.2	21.5	34.1	45.5	57.4	72.0	86.8
-77.5°	0.0	0.9	2.9	6.0	10.1	16.2	26.1	35.2	44.7	54.9	66.6
-80°	0.0	0.8	2.4	4.8	8.2	12.3	17.8	24.7	32.0	39.9	48.5
-82.5°	0.0	0.6	1.8	3.7	6.2	9.3	13.1	15.8	19.1	24.7	30.7
-85°	0.0	0.4	1.2	2.4	4.1	6.2	8.8	10.6	12.5	14.4	16.4
-87.5°	0.0	0.2	0.6	1.2	2.1	3.1	4.4	5.3	6.2	7.2	8.2
-90°	0.0	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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	1.0	1.0	0.9	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6
67.5°	1.3	1.1	0.9	0.9	0.9	1.0	0.9	0.8	0.6	0.6	0.6
65°	1.3	1.1	1.6	1.8	1.4	1.1	1.0	0.8	0.9	0.9	0.9
62.5°	1.9	2.4	3.0	5.4	4.0	1.2	2.1	2.5	1.8	1.5	1.6
60°	6.2	4.2	12.4	17.8	11.1	4.1	5.0	16.5	14.3	2.6	8.9
57.5°	13.0	17.8	32.7	33.3	23.0	15.9	46.2	53.3	40.4	23.5	36.0
55°	28.5	43.8	54.2	50.2	54.8	83.0	98.6	88.6	74.5	114.7	146.5
52.5°	55.6	71.2	74.7	85.8	122.8	141.1	135.2	144.6	187.6	233.0	242.8
50°	82.1	94.9	104.8	151.5	180.5	182.3	195.8	238.4	295.6	323.4	316.6
47.5°	107.7	120.9	167.2	212.1	225.1	243.0	276.6	358.7	419.3	420.5	413.6
45°	134.8	170.0	229.1	258.4	279.5	314.1	395.3	508.5	514.4	530.8	632.0
42.5°	163.7	225.5	277.1	307.6	341.7	406.1	514.4	588.7	614.3	686.3	767.7
40°	210.6	279.1	324.2	363.1	407.0	500.9	619.6	689.2	710.0	772.3	833.5
37.5°	258.2	323.9	374.4	421.4	482.2	608.9	746.2	803.6	814.2	825.6	961.1
35°	304.1	369.8	430.3	491.7	566.3	748.7	868.7	922.7	921.1	998.0	1140.0
32.5°	346.9	416.7	488.1	570.3	693.3	880.1	1000.2	1032.6	1081.6	1193.6	1387.3
30°	389.7	469.1	551.0	649.0	804.7	966.7	1103.8	1155.9	1239.9	1367.6	1508.6
27.5°	433.7	522.8	621.8	736.6	892.7	1041.6	1158.8	1283.0	1364.6	1479.1	1579.4
25°	477.6	579.6	691.7	813.2	955.6	1094.4	1215.6	1359.0	1446.6	1538.9	1632.5
22.5°	523.7	637.2	763.9	873.9	1008.6	1139.2	1283.5	1439.1	1553.0	1611.7	1674.5
20°	571.8	699.6	834.6	956.5	1060.9	1180.9	1351.6	1540.7	1687.8	1753.8	1762.5
17.5°	619.2	760.0	905.2	1037.1	1149.7	1256.6	1423.2	1662.5	1845.4	1906.8	1934.1
15°	665.5	818.1	975.3	1115.6	1239.2	1369.8	1547.8	1791.2	2000.2	2068.1	2111.1
12.5°	710.1	873.5	1044.4	1191.4	1328.8	1475.2	1660.9	1883.7	2074.5	2205.9	2284.8
10°	752.6	925.8	1111.3	1264.2	1417.3	1573.0	1754.5	1952.6	2107.9	2234.7	2346.6
7.5°	774.1	960.0	1168.9	1333.5	1503.6	1663.4	1831.2	2001.2	2132.0	2256.3	2364.5
5°	788.7	974.0	1186.9	1357.7	1549.4	1723.7	1886.6	2033.1	2147.7	2271.0	2376.6
2.5°	799.1	983.1	1199.1	1370.9	1566.6	1742.2	1902.5	2043.8	2160.7	2281.4	2389.6
0°	805.4	987.4	1205.3	1379.1	1577.4	1754.4	1911.8	2047.8	2169.3	2286.5	2403.0
-2.5°	809.0	1000.6	1209.4	1400.0	1587.8	1764.9	1924.8	2057.5	2184.5	2296.0	2412.8
-5°	808.5	1008.5	1208.3	1414.0	1592.8	1769.0	1931.3	2061.9	2192.8	2303.2	2416.8
-7.5°	804.1	1010.3	1202.8	1418.4	1593.0	1767.6	1928.4	2064.1	2192.6	2309.7	2417.2
-10°	796.3	1003.1	1197.8	1407.0	1586.9	1760.4	1919.7	2059.4	2187.5	2308.4	2415.1
-12.5°	787.1	988.4	1187.3	1390.6	1574.5	1747.0	1906.5	2047.7	2177.9	2298.5	2410.3
-15°	773.2	968.8	1170.1	1369.8	1555.6	1727.5	1889.3	2028.4	2163.2	2281.2	2396.0
-17.5°	754.6	944.6	1145.8	1345.1	1530.1	1702.1	1867.3	2003.0	2137.1	2259.1	2369.8
-20°	731.1	915.8	1114.3	1317.0	1497.8	1668.0	1828.0	1970.1	2103.4	2227.4	2343.8

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	702.8	882.8	1076.3	1279.2	1457.5	1625.7	1783.8	1928.2	2066.3	2186.3	2310.3
-25°	674.4	847.9	1034.3	1226.7	1410.6	1578.2	1736.7	1877.4	2018.6	2143.3	2261.1
-27.5°	647.2	807.3	985.6	1169.0	1357.5	1524.3	1681.4	1822.1	1959.2	2095.7	2209.1
-30°	616.7	760.5	932.2	1107.4	1291.2	1460.9	1619.3	1765.3	1895.7	2030.4	2152.2
-32.5°	583.0	710.7	875.8	1044.3	1217.6	1391.2	1548.0	1693.0	1828.7	1956.1	2084.0
-35°	550.0	670.5	816.1	976.6	1139.7	1309.9	1466.9	1610.6	1751.3	1877.6	1999.7
-37.5°	520.4	627.0	752.5	905.9	1061.8	1222.8	1382.4	1521.5	1655.5	1794.3	1913.4
-40°	488.3	580.3	697.5	833.1	980.0	1133.1	1286.0	1429.8	1555.8	1692.9	1823.9
-42.5°	454.7	542.3	643.2	756.0	894.6	1039.0	1186.6	1327.3	1458.1	1587.5	1717.3
-45°	425.3	502.0	588.0	691.0	803.9	939.7	1079.4	1219.7	1345.2	1468.5	1596.7
-47.5°	394.1	461.5	541.0	623.3	721.5	835.0	966.3	1095.7	1224.2	1341.6	1455.0
-50°	362.9	425.1	490.4	564.5	645.5	737.5	846.6	966.9	1084.3	1204.7	1317.1
-52.5°	336.1	386.8	445.8	507.6	577.0	653.1	740.5	839.3	946.0	1048.3	1160.4
-55°	308.2	353.9	401.6	456.0	513.7	578.0	649.6	732.6	814.1	908.6	1000.1
-57.5°	282.8	321.4	362.0	406.9	457.0	508.5	571.1	635.7	709.6	783.0	855.5
-60°	258.8	290.4	324.8	362.9	403.1	448.9	495.7	551.1	610.7	669.3	730.8
-62.5°	234.7	261.2	289.3	320.9	356.0	390.6	430.5	473.3	517.0	566.8	615.2
-65°	209.8	231.3	255.1	281.3	309.3	338.8	369.5	401.1	438.4	474.8	510.1
-67.5°	183.5	201.8	221.1	241.7	265.2	288.4	311.5	338.2	365.6	392.6	420.5
-70°	154.3	171.6	187.6	204.4	221.8	239.9	259.7	279.3	298.6	318.8	341.2
-72.5°	124.6	140.5	154.6	167.0	181.3	196.3	210.7	224.5	239.1	254.4	269.6
-75°	99.3	109.9	122.5	134.0	145.4	156.0	165.5	177.2	189.3	200.5	209.7
-77.5°	77.5	87.1	95.7	103.5	112.5	123.2	132.4	140.3	148.1	156.5	165.5
-80°	56.4	64.3	72.2	79.4	84.6	90.6	97.7	105.8	112.8	118.6	123.8
-82.5°	36.4	42.1	48.0	54.0	56.4	58.0	59.6	62.4	66.8	71.1	75.2
-85°	18.1	19.8	23.4	27.1	28.3	29.2	29.8	30.1	31.6	33.0	34.1
-87.5°	9.1	9.9	10.8	11.6	11.2	10.6	9.8	8.9	8.7	8.4	8.1
-90°	0.0	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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.0
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
65°	0.9	0.9	0.9	0.9	0.8	0.7	0.8	0.7	0.7	0.5	0.4
62.5°	1.6	1.8	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.1	1.1
60°	9.9	5.8	3.4	4.0	3.6	2.4	3.0	3.6	3.6	3.3	2.9
57.5°	54.7	40.9	30.2	72.2	72.5	34.6	41.7	65.5	54.0	17.7	16.5
55°	152.3	182.1	239.7	227.7	231.4	266.1	290.6	257.3	252.2	268.7	310.4
52.5°	273.6	302.0	321.4	339.5	361.5	385.2	409.6	425.2	439.7	455.2	464.4
50°	349.3	389.4	416.9	406.8	463.9	487.2	463.6	484.7	510.6	517.7	521.0
47.5°	515.8	574.6	586.3	624.2	658.2	657.5	628.6	630.2	707.2	775.1	808.4
45°	741.3	743.3	780.3	847.2	895.0	879.9	920.3	1012.1	1042.6	1072.1	1096.3
42.5°	829.2	865.6	924.6	983.7	1019.4	1050.3	1080.2	1113.9	1153.5	1185.7	1211.4
40°	914.2	943.6	1004.0	1051.6	1081.2	1110.0	1144.8	1182.2	1218.5	1246.8	1266.1
37.5°	1045.1	1067.9	1082.6	1126.8	1182.6	1156.8	1222.9	1270.3	1292.0	1320.7	1323.3
35°	1243.2	1228.1	1208.4	1384.5	1395.0	1335.6	1397.3	1470.8	1432.2	1512.8	1556.1
32.5°	1418.8	1416.5	1570.2	1662.7	1609.5	1652.9	1795.3	1789.1	1884.0	1928.1	1915.5
30°	1584.2	1640.6	1729.5	1798.5	1807.7	1876.2	1939.5	1994.9	2052.2	2103.5	2107.1
27.5°	1668.2	1741.8	1802.2	1842.1	1886.6	1944.2	2001.6	2064.0	2112.7	2144.9	2152.9
25°	1719.0	1794.2	1839.9	1882.8	1932.0	1981.7	2046.0	2113.9	2153.1	2173.0	2179.3
22.5°	1763.8	1831.4	1880.5	1915.3	1968.2	2021.7	2081.7	2139.2	2181.7	2190.4	2193.5
20°	1806.9	1871.9	1953.9	2005.2	2002.6	2062.9	2120.7	2166.4	2201.8	2201.6	2202.5
17.5°	1931.6	1954.8	2103.6	2216.6	2160.7	2131.2	2289.9	2292.9	2302.4	2283.6	2243.0
15°	2116.3	2158.4	2341.3	2463.8	2425.2	2423.2	2652.5	2595.7	2644.6	2631.8	2686.9
12.5°	2311.8	2361.8	2498.4	2618.8	2676.1	2690.2	2766.8	2838.5	2853.3	2847.5	2836.7
10°	2445.1	2516.3	2571.2	2644.2	2702.0	2761.0	2805.3	2856.9	2873.8	2864.0	2850.2
7.5°	2462.4	2532.8	2597.3	2661.3	2716.4	2763.9	2809.9	2851.9	2869.1	2863.4	2853.9
5°	2473.4	2537.2	2599.7	2664.7	2717.3	2761.3	2807.3	2849.8	2859.9	2853.1	2843.8
2.5°	2480.3	2539.3	2599.5	2664.2	2712.0	2753.9	2800.4	2845.8	2845.7	2842.7	2837.3
0°	2483.6	2542.8	2612.7	2671.2	2724.7	2764.4	2810.4	2854.5	2851.3	2843.1	2833.7
-2.5°	2490.7	2550.7	2621.9	2670.5	2730.8	2767.2	2814.7	2852.8	2851.4	2847.4	2842.7
-5°	2497.0	2564.4	2631.2	2682.2	2742.7	2790.2	2837.4	2867.2	2868.8	2863.3	2855.4
-7.5°	2500.8	2575.6	2639.3	2690.5	2749.2	2804.4	2852.3	2883.6	2884.3	2876.9	2867.4
-10°	2499.5	2578.5	2644.0	2697.0	2757.1	2811.6	2861.7	2901.4	2900.1	2893.0	2885.0
-12.5°	2494.8	2573.7	2640.9	2694.1	2762.3	2818.5	2874.8	2914.3	2916.4	2911.1	2902.4
-15°	2484.4	2565.9	2631.3	2689.3	2756.2	2821.8	2879.7	2923.3	2931.1	2926.7	2919.9
-17.5°	2463.9	2549.9	2619.3	2681.8	2745.9	2815.9	2881.7	2929.4	2940.1	2938.3	2932.6
-20°	2437.0	2525.6	2596.1	2661.6	2731.5	2803.5	2880.1	2923.7	2939.1	2940.1	2936.3



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2406.7	2493.5	2568.3	2632.7	2708.4	2781.4	2850.8	2901.8	2927.7	2932.5	2932.9
-25°	2370.4	2459.6	2533.9	2602.5	2672.9	2748.3	2818.4	2875.4	2901.7	2914.2	2918.1
-27.5°	2319.2	2411.4	2484.5	2557.0	2628.6	2706.5	2780.2	2842.1	2863.5	2880.7	2887.7
-30°	2259.2	2350.3	2424.9	2491.2	2573.1	2652.5	2728.6	2782.6	2814.8	2834.6	2845.3
-32.5°	2190.2	2282.2	2360.4	2429.6	2507.5	2586.9	2658.5	2715.4	2759.9	2782.6	2794.2
-35°	2115.3	2209.3	2291.2	2364.1	2437.4	2513.1	2587.2	2646.8	2697.5	2717.0	2731.4
-37.5°	2025.0	2128.7	2212.6	2287.9	2357.6	2428.7	2505.9	2574.0	2623.1	2642.1	2657.4
-40°	1932.5	2032.6	2117.3	2197.5	2266.4	2344.1	2418.4	2489.9	2532.5	2554.7	2571.9
-42.5°	1834.8	1925.2	2005.8	2083.7	2160.4	2240.3	2314.6	2388.9	2425.7	2452.4	2473.6
-45°	1721.9	1806.1	1884.4	1957.3	2036.4	2115.0	2189.3	2254.9	2298.8	2333.6	2360.6
-47.5°	1571.5	1674.1	1752.6	1822.0	1900.4	1976.2	2048.3	2109.9	2158.1	2198.8	2230.1
-50°	1418.7	1517.2	1605.8	1683.7	1756.5	1826.6	1895.1	1955.5	2006.5	2050.5	2082.3
-52.5°	1268.3	1360.5	1448.4	1528.9	1598.8	1665.0	1727.8	1788.5	1842.2	1889.3	1920.0
-55°	1098.3	1193.8	1280.8	1355.8	1425.7	1491.1	1553.1	1610.6	1663.5	1711.5	1740.9
-57.5°	938.8	1022.7	1103.6	1172.8	1238.8	1301.1	1359.8	1414.9	1465.8	1510.9	1539.4
-60°	792.2	853.4	923.0	987.0	1045.4	1098.4	1153.2	1204.6	1251.4	1291.0	1317.5
-62.5°	662.7	713.3	763.6	812.2	859.7	907.3	953.2	995.8	1034.9	1067.4	1090.6
-65°	547.3	588.0	624.3	658.8	691.6	729.2	764.1	796.9	827.3	852.2	869.9
-67.5°	450.6	479.2	504.4	528.0	553.9	580.5	605.4	627.0	645.6	660.4	672.0
-70°	363.4	384.4	403.4	422.2	441.1	458.4	474.9	490.8	506.0	518.3	527.6
-72.5°	284.6	298.9	311.8	326.4	340.0	353.1	364.5	373.7	380.8	387.8	393.9
-75°	217.0	227.8	242.4	254.6	264.8	273.8	282.0	289.4	295.8	301.5	306.6
-77.5°	174.5	183.7	193.0	201.9	210.6	217.1	223.0	229.0	234.9	240.0	244.4
-80°	129.4	136.2	143.3	150.5	157.7	161.3	164.1	166.8	169.1	172.1	174.9
-82.5°	79.1	82.9	86.9	91.0	95.0	96.0	96.4	96.3	95.8	94.7	93.0
-85°	35.1	35.4	35.3	34.9	34.2	32.8	31.1	29.1	26.9	26.6	26.2
-87.5°	7.7	7.6	7.4	7.1	6.9	6.9	6.8	6.7	6.7	6.9	7.1
-90°	0.0	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):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.2
60°	2.3	1.5	1.3	1.3	1.3	1.5	2.3	2.9	3.3	3.6	3.6
57.5°	13.9	10.3	8.8	8.2	8.8	10.3	13.9	16.5	17.7	54.0	65.5
55°	340.3	357.6	370.6	376.6	370.6	357.6	340.3	310.4	268.7	252.2	257.3
52.5°	472.5	480.0	484.4	484.2	484.4	480.0	472.5	464.4	455.2	439.7	425.2
50°	526.7	530.4	531.7	530.8	531.7	530.4	526.7	521.0	517.7	510.6	484.7
47.5°	777.9	710.6	661.1	649.2	661.1	710.6	777.9	808.4	775.1	707.2	630.2
45°	1108.0	1133.5	1159.0	1166.9	1159.0	1133.5	1108.0	1096.3	1072.1	1042.6	1012.1
42.5°	1222.3	1230.6	1235.3	1235.5	1235.3	1230.6	1222.3	1211.4	1185.7	1153.5	1113.9
40°	1276.8	1284.7	1289.2	1289.6	1289.2	1284.7	1276.8	1266.1	1246.8	1218.5	1182.2
37.5°	1326.4	1333.0	1337.4	1341.9	1337.4	1333.0	1326.4	1323.3	1320.7	1292.0	1270.3
35°	1550.2	1499.5	1426.6	1437.6	1426.6	1499.5	1550.2	1556.1	1512.8	1432.2	1470.8
32.5°	1935.1	1956.4	1969.7	1992.4	1969.7	1956.4	1935.1	1915.5	1928.1	1884.0	1789.1
30°	2112.7	2119.8	2130.4	2141.6	2130.4	2119.8	2112.7	2107.1	2103.5	2052.2	1994.9
27.5°	2157.0	2164.3	2170.8	2175.6	2170.8	2164.3	2157.0	2152.9	2144.9	2112.7	2064.0
25°	2180.2	2184.8	2191.7	2197.7	2191.7	2184.8	2180.2	2179.3	2173.0	2153.1	2113.9
22.5°	2191.7	2192.2	2197.6	2205.2	2197.6	2192.2	2191.7	2193.5	2190.4	2181.7	2139.2
20°	2199.6	2195.4	2200.9	2205.9	2200.9	2195.4	2199.6	2202.5	2201.6	2201.8	2166.4
17.5°	2300.3	2242.9	2219.2	2219.7	2219.2	2242.9	2300.3	2243.0	2283.6	2302.4	2292.9
15°	2625.1	2646.7	2729.3	2773.9	2729.3	2646.7	2625.1	2686.9	2631.8	2644.6	2595.7
12.5°	2834.7	2827.0	2817.2	2830.5	2817.2	2827.0	2834.7	2836.7	2847.5	2853.3	2838.5
10°	2844.4	2843.5	2826.0	2845.0	2826.0	2843.5	2844.4	2850.2	2864.0	2873.8	2856.9
7.5°	2838.4	2838.9	2831.5	2850.1	2831.5	2838.9	2838.4	2853.9	2863.4	2869.1	2851.9
5°	2842.4	2829.5	2834.4	2845.0	2834.4	2829.5	2842.4	2843.8	2853.1	2859.9	2849.8
2.5°	2831.4	2830.1	2820.5	2828.0	2820.5	2830.1	2831.4	2837.3	2842.7	2845.7	2845.8
0°	2823.0	2816.1	2816.1	2822.4	2816.1	2816.1	2823.0	2833.7	2843.1	2851.3	2854.5
-2.5°	2837.9	2836.5	2835.5	2831.2	2835.5	2836.5	2837.9	2842.7	2847.4	2851.4	2852.8
-5°	2850.1	2846.4	2836.1	2850.1	2836.1	2846.4	2850.1	2855.4	2863.3	2868.8	2867.2
-7.5°	2863.3	2853.7	2843.9	2865.8	2843.9	2853.7	2863.3	2867.4	2876.9	2884.3	2883.6
-10°	2875.3	2861.5	2852.0	2873.4	2852.0	2861.5	2875.3	2885.0	2893.0	2900.1	2901.4
-12.5°	2891.2	2875.1	2868.7	2880.3	2868.7	2875.1	2891.2	2902.4	2911.1	2916.4	2914.3
-15°	2908.2	2897.0	2895.5	2902.3	2895.5	2897.0	2908.2	2919.9	2926.7	2931.1	2923.3
-17.5°	2923.0	2915.2	2919.0	2926.9	2919.0	2915.2	2923.0	2932.6	2938.3	2940.1	2929.4
-20°	2930.2	2925.8	2930.2	2949.6	2930.2	2925.8	2930.2	2936.3	2940.1	2939.1	2923.7



REPORT NUMBER: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2929.6	2929.8	2937.6	2943.9	2937.6	2929.8	2929.6	2932.9	2932.5	2927.7	2901.8
-25°	2918.4	2924.3	2933.1	2945.8	2933.1	2924.3	2918.4	2918.1	2914.2	2901.7	2875.4
-27.5°	2891.4	2901.2	2910.4	2923.7	2910.4	2901.2	2891.4	2887.7	2880.7	2863.5	2842.1
-30°	2852.4	2864.1	2872.3	2886.6	2872.3	2864.1	2852.4	2845.3	2834.6	2814.8	2782.6
-32.5°	2805.0	2818.2	2827.9	2838.1	2827.9	2818.2	2805.0	2794.2	2782.6	2759.9	2715.4
-35°	2745.7	2759.9	2770.2	2779.5	2770.2	2759.9	2745.7	2731.4	2717.0	2697.5	2646.8
-37.5°	2674.5	2689.8	2701.6	2712.2	2701.6	2689.8	2674.5	2657.4	2642.1	2623.1	2574.0
-40°	2591.5	2607.2	2619.8	2631.6	2619.8	2607.2	2591.5	2571.9	2554.7	2532.5	2489.9
-42.5°	2494.4	2510.2	2523.2	2535.2	2523.2	2510.2	2494.4	2473.6	2452.4	2425.7	2388.9
-45°	2382.4	2398.7	2412.4	2425.0	2412.4	2398.7	2382.4	2360.6	2333.6	2298.8	2254.9
-47.5°	2253.3	2270.7	2282.5	2288.4	2282.5	2270.7	2253.3	2230.1	2198.8	2158.1	2109.9
-50°	2105.3	2122.8	2136.9	2147.3	2136.9	2122.8	2105.3	2082.3	2050.5	2006.5	1955.5
-52.5°	1942.5	1959.0	1971.2	1978.5	1971.2	1959.0	1942.5	1920.0	1889.3	1842.2	1788.5
-55°	1764.2	1781.5	1793.1	1798.4	1793.1	1781.5	1764.2	1740.9	1711.5	1663.5	1610.6
-57.5°	1561.9	1578.4	1590.7	1597.6	1590.7	1578.4	1561.9	1539.4	1510.9	1465.8	1414.9
-60°	1338.2	1352.9	1362.2	1365.8	1362.2	1352.9	1338.2	1317.5	1291.0	1251.4	1204.6
-62.5°	1109.3	1123.3	1132.0	1135.4	1132.0	1123.3	1109.3	1090.6	1067.4	1034.9	995.8
-65°	883.1	891.8	896.6	897.3	896.6	891.8	883.1	869.9	852.2	827.3	796.9
-67.5°	681.2	687.9	691.9	693.3	691.9	687.9	681.2	672.0	660.4	645.6	627.0
-70°	534.5	539.1	541.7	542.2	541.7	539.1	534.5	527.6	518.3	506.0	490.8
-72.5°	398.5	401.9	400.7	398.0	400.7	401.9	398.5	393.9	387.8	380.8	373.7
-75°	310.9	314.5	313.0	310.4	313.0	314.5	310.9	306.6	301.5	295.8	289.4
-77.5°	248.3	251.6	250.0	247.5	250.0	251.6	248.3	244.4	240.0	234.9	229.0
-80°	177.4	179.3	180.7	181.4	180.7	179.3	177.4	174.9	172.1	169.1	166.8
-82.5°	90.8	88.1	86.4	84.4	86.4	88.1	90.8	93.0	94.7	95.8	96.3
-85°	25.7	25.1	25.5	25.8	25.5	25.1	25.7	26.2	26.6	26.9	29.1
-87.5°	7.4	7.6	7.6	7.6	7.6	7.6	7.4	7.1	6.9	6.7	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8
65°	0.8	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
62.5°	1.3	1.4	1.4	1.4	1.4	1.8	1.6	1.6	1.5	1.8	2.5
60°	3.0	2.4	3.6	4.0	3.4	5.8	9.9	8.9	2.6	14.3	16.5
57.5°	41.7	34.6	72.5	72.2	30.2	40.9	54.7	36.0	23.5	40.4	53.3
55°	290.6	266.1	231.4	227.7	239.7	182.1	152.3	146.5	114.7	74.5	88.6
52.5°	409.6	385.2	361.5	339.5	321.4	302.0	273.6	242.8	233.0	187.6	144.6
50°	463.6	487.2	463.9	406.8	416.9	389.4	349.3	316.6	323.4	295.6	238.4
47.5°	628.6	657.5	658.2	624.2	586.3	574.6	515.8	413.6	420.5	419.3	358.7
45°	920.3	879.9	895.0	847.2	780.3	743.3	741.3	632.0	530.8	514.4	508.5
42.5°	1080.2	1050.3	1019.4	983.7	924.6	865.6	829.2	767.7	686.3	614.3	588.7
40°	1144.8	1110.0	1081.2	1051.6	1004.0	943.6	914.2	833.5	772.3	710.0	689.2
37.5°	1222.9	1156.8	1182.6	1126.8	1082.6	1067.9	1045.1	961.1	825.6	814.2	803.6
35°	1397.3	1335.6	1395.0	1384.5	1208.4	1228.1	1243.2	1140.0	998.0	921.1	922.7
32.5°	1795.3	1652.9	1609.5	1662.7	1570.2	1416.5	1418.8	1387.3	1193.6	1081.6	1032.6
30°	1939.5	1876.2	1807.7	1798.5	1729.5	1640.6	1584.2	1508.6	1367.6	1239.9	1155.9
27.5°	2001.6	1944.2	1886.6	1842.1	1802.2	1741.8	1668.2	1579.4	1479.1	1364.6	1283.0
25°	2046.0	1981.7	1932.0	1882.8	1839.9	1794.2	1719.0	1632.5	1538.9	1446.6	1359.0
22.5°	2081.7	2021.7	1968.2	1915.3	1880.5	1831.4	1763.8	1674.5	1611.7	1553.0	1439.1
20°	2120.7	2062.9	2002.6	2005.2	1953.9	1871.9	1806.9	1762.5	1753.8	1687.8	1540.7
17.5°	2289.9	2131.2	2160.7	2216.6	2103.6	1954.8	1931.6	1934.1	1906.8	1845.4	1662.5
15°	2652.5	2423.2	2425.2	2463.8	2341.3	2158.4	2116.3	2111.1	2068.1	2000.2	1791.2
12.5°	2766.8	2690.2	2676.1	2618.8	2498.4	2361.8	2311.8	2284.8	2205.9	2074.5	1883.7
10°	2805.3	2761.0	2702.0	2644.2	2571.2	2516.3	2445.1	2346.6	2234.7	2107.9	1952.6
7.5°	2809.9	2763.9	2716.4	2661.3	2597.3	2532.8	2462.4	2364.5	2256.3	2132.0	2001.2
5°	2807.3	2761.3	2717.3	2664.7	2599.7	2537.2	2473.4	2376.6	2271.0	2147.7	2033.1
2.5°	2800.4	2753.9	2712.0	2664.2	2599.5	2539.3	2480.3	2389.6	2281.4	2160.7	2043.8
0°	2810.4	2764.4	2724.7	2671.2	2612.7	2542.8	2483.6	2403.0	2286.5	2169.3	2047.8
-2.5°	2814.7	2767.2	2730.8	2670.5	2621.9	2550.7	2490.7	2412.8	2296.0	2184.5	2057.5
-5°	2837.4	2790.2	2742.7	2682.2	2631.2	2564.4	2497.0	2416.8	2303.2	2192.8	2061.9
-7.5°	2852.3	2804.4	2749.2	2690.5	2639.3	2575.6	2500.8	2417.2	2309.7	2192.6	2064.1
-10°	2861.7	2811.6	2757.1	2697.0	2644.0	2578.5	2499.5	2415.1	2308.4	2187.5	2059.4
-12.5°	2874.8	2818.5	2762.3	2694.1	2640.9	2573.7	2494.8	2410.3	2298.5	2177.9	2047.7
-15°	2879.7	2821.8	2756.2	2689.3	2631.3	2565.9	2484.4	2396.0	2281.2	2163.2	2028.4
-17.5°	2881.7	2815.9	2745.9	2681.8	2619.3	2549.9	2463.9	2369.8	2259.1	2137.1	2003.0
-20°	2880.1	2803.5	2731.5	2661.6	2596.1	2525.6	2437.0	2343.8	2227.4	2103.4	1970.1



REPORT NUMBER: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2850.8	2781.4	2708.4	2632.7	2568.3	2493.5	2406.7	2310.3	2186.3	2066.3	1928.2
-25°	2818.4	2748.3	2672.9	2602.5	2533.9	2459.6	2370.4	2261.1	2143.3	2018.6	1877.4
-27.5°	2780.2	2706.5	2628.6	2557.0	2484.5	2411.4	2319.2	2209.1	2095.7	1959.2	1822.1
-30°	2728.6	2652.5	2573.1	2491.2	2424.9	2350.3	2259.2	2152.2	2030.4	1895.7	1765.3
-32.5°	2658.5	2586.9	2507.5	2429.6	2360.4	2282.2	2190.2	2084.0	1956.1	1828.7	1693.0
-35°	2587.2	2513.1	2437.4	2364.1	2291.2	2209.3	2115.3	1999.7	1877.6	1751.3	1610.6
-37.5°	2505.9	2428.7	2357.6	2287.9	2212.6	2128.7	2025.0	1913.4	1794.3	1655.5	1521.5
-40°	2418.4	2344.1	2266.4	2197.5	2117.3	2032.6	1932.5	1823.9	1692.9	1555.8	1429.8
-42.5°	2314.6	2240.3	2160.4	2083.7	2005.8	1925.2	1834.8	1717.3	1587.5	1458.1	1327.3
-45°	2189.3	2115.0	2036.4	1957.3	1884.4	1806.1	1721.9	1596.7	1468.5	1345.2	1219.7
-47.5°	2048.3	1976.2	1900.4	1822.0	1752.6	1674.1	1571.5	1455.0	1341.6	1224.2	1095.7
-50°	1895.1	1826.6	1756.5	1683.7	1605.8	1517.2	1418.7	1317.1	1204.7	1084.3	966.9
-52.5°	1727.8	1665.0	1598.8	1528.9	1448.4	1360.5	1268.3	1160.4	1048.3	946.0	839.3
-55°	1553.1	1491.1	1425.7	1355.8	1280.8	1193.8	1098.3	1000.1	908.6	814.1	732.6
-57.5°	1359.8	1301.1	1238.8	1172.8	1103.6	1022.7	938.8	855.5	783.0	709.6	635.7
-60°	1153.2	1098.4	1045.4	987.0	923.0	853.4	792.2	730.8	669.3	610.7	551.1
-62.5°	953.2	907.3	859.7	812.2	763.6	713.3	662.7	615.2	566.8	517.0	473.3
-65°	764.1	729.2	691.6	658.8	624.3	588.0	547.3	510.1	474.8	438.4	401.1
-67.5°	605.4	580.5	553.9	528.0	504.4	479.2	450.6	420.5	392.6	365.6	338.2
-70°	474.9	458.4	441.1	422.2	403.4	384.4	363.4	341.2	318.8	298.6	279.3
-72.5°	364.5	353.1	340.0	326.4	311.8	298.9	284.6	269.6	254.4	239.1	224.5
-75°	282.0	273.8	264.8	254.6	242.4	227.8	217.0	209.7	200.5	189.3	177.2
-77.5°	223.0	217.1	210.6	201.9	193.0	183.7	174.5	165.5	156.5	148.1	140.3
-80°	164.1	161.3	157.7	150.5	143.3	136.2	129.4	123.8	118.6	112.8	105.8
-82.5°	96.4	96.0	95.0	91.0	86.9	82.9	79.1	75.2	71.1	66.8	62.4
-85°	31.1	32.8	34.2	34.9	35.3	35.4	35.1	34.1	33.0	31.6	30.1
-87.5°	6.8	6.9	6.9	7.1	7.4	7.6	7.7	8.1	8.4	8.7	8.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645365 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.7
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.0
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.1
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.2
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.2
72.5°	0.6	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.8	1.0	1.2
70°	0.7	0.6	0.6	0.7	0.9	1.0	1.0	1.0	0.9	1.0	1.2
67.5°	0.9	1.0	0.9	0.9	0.9	1.1	1.3	1.4	1.4	1.1	1.2
65°	1.0	1.1	1.4	1.8	1.6	1.1	1.3	2.5	2.0	1.7	1.2
62.5°	2.1	1.2	4.0	5.4	3.0	2.4	1.9	5.5	3.5	2.4	1.7
60°	5.0	4.1	11.1	17.8	12.4	4.2	6.2	9.5	8.8	3.1	2.4
57.5°	46.2	15.9	23.0	33.3	32.7	17.8	13.0	17.3	14.9	8.6	3.4
55°	98.6	83.0	54.8	50.2	54.2	43.8	28.5	28.0	22.9	15.9	5.5
52.5°	135.2	141.1	122.8	85.8	74.7	71.2	55.6	40.6	36.0	23.8	13.8
50°	195.8	182.3	180.5	151.5	104.8	94.9	82.1	63.3	50.5	34.1	23.3
47.5°	276.6	243.0	225.1	212.1	167.2	120.9	107.7	86.6	66.5	49.1	33.3
45°	395.3	314.1	279.5	258.4	229.1	170.0	134.8	109.2	86.7	66.0	43.7
42.5°	514.4	406.1	341.7	307.6	277.1	225.5	163.7	135.2	106.3	83.1	56.9
40°	619.6	500.9	407.0	363.1	324.2	279.1	210.6	163.1	125.5	100.7	72.0
37.5°	746.2	608.9	482.2	421.4	374.4	323.9	258.2	192.2	148.7	119.2	87.1
35°	868.7	748.7	566.3	491.7	430.3	369.8	304.1	226.7	177.1	138.0	102.2
32.5°	1000.2	880.1	693.3	570.3	488.1	416.7	346.9	268.6	205.7	157.0	117.2
30°	1103.8	966.7	804.7	649.0	551.0	469.1	389.7	308.7	234.4	176.2	132.4
27.5°	1158.8	1041.6	892.7	736.6	621.8	522.8	433.7	347.1	263.0	197.3	148.2
25°	1215.6	1094.4	955.6	813.2	691.7	579.6	477.6	383.7	294.3	221.1	163.8
22.5°	1283.5	1139.2	1008.6	873.9	763.9	637.2	523.7	420.8	325.6	244.4	179.2
20°	1351.6	1180.9	1060.9	956.5	834.6	699.6	571.8	456.9	355.0	267.1	194.2
17.5°	1423.2	1256.6	1149.7	1037.1	905.2	760.0	619.2	491.9	382.7	289.1	208.8
15°	1547.8	1369.8	1239.2	1115.6	975.3	818.1	665.5	525.6	408.5	310.2	222.4
12.5°	1660.9	1475.2	1328.8	1191.4	1044.4	873.5	710.1	557.6	432.4	327.1	234.5
10°	1754.5	1573.0	1417.3	1264.2	1111.3	925.8	752.6	583.7	446.8	339.6	245.7
7.5°	1831.2	1663.4	1503.6	1333.5	1168.9	960.0	774.1	598.9	457.9	350.3	255.9
5°	1886.6	1723.7	1549.4	1357.7	1186.9	974.0	788.7	611.2	466.8	359.3	265.0
2.5°	1902.5	1742.2	1566.6	1370.9	1199.1	983.1	799.1	620.7	473.7	366.5	273.1
0°	1911.8	1754.4	1577.4	1379.1	1205.3	987.4	805.4	627.2	478.6	372.2	280.2
-2.5°	1924.8	1764.9	1587.8	1400.0	1209.4	1000.6	809.0	631.4	484.8	374.2	284.3
-5°	1931.3	1769.0	1592.8	1414.0	1208.3	1008.5	808.5	632.8	488.8	374.9	287.4
-7.5°	1928.4	1767.6	1593.0	1418.4	1202.8	1010.3	804.1	631.3	490.4	374.4	289.2
-10°	1919.7	1760.4	1586.9	1407.0	1197.8	1003.1	796.3	627.3	489.4	372.8	290.0
-12.5°	1906.5	1747.0	1574.5	1390.6	1187.3	988.4	787.1	620.4	485.5	370.2	289.5
-15°	1889.3	1727.5	1555.6	1369.8	1170.1	968.8	773.2	610.5	477.8	367.3	287.8
-17.5°	1867.3	1702.1	1530.1	1345.1	1145.8	944.6	754.6	597.5	468.2	363.7	284.3
-20°	1828.0	1668.0	1497.8	1317.0	1114.3	915.8	731.1	581.4	456.7	358.6	279.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1783.8	1625.7	1457.5	1279.2	1076.3	882.8	702.8	562.4	443.5	352.0	273.4
-25°	1736.7	1578.2	1410.6	1226.7	1034.3	847.9	674.4	540.4	428.6	343.8	266.5
-27.5°	1681.4	1524.3	1357.5	1169.0	985.6	807.3	647.2	520.8	414.2	334.1	258.7
-30°	1619.3	1460.9	1291.2	1107.4	932.2	760.5	616.7	500.0	402.0	323.4	249.9
-32.5°	1548.0	1391.2	1217.6	1044.3	875.8	710.7	583.0	477.7	387.9	312.1	241.8
-35°	1466.9	1309.9	1139.7	976.6	816.1	670.5	550.0	454.0	372.0	299.9	233.3
-37.5°	1382.4	1222.8	1061.8	905.9	752.5	627.0	520.4	430.7	354.2	286.8	223.9
-40°	1286.0	1133.1	980.0	833.1	697.5	580.3	488.3	407.6	337.3	272.8	213.6
-42.5°	1186.6	1039.0	894.6	756.0	643.2	542.3	454.7	382.7	319.5	259.4	202.4
-45°	1079.4	939.7	803.9	691.0	588.0	502.0	425.3	357.0	300.5	245.6	190.9
-47.5°	966.3	835.0	721.5	623.3	541.0	461.5	394.1	334.7	280.6	230.9	179.3
-50°	846.6	737.5	645.5	564.5	490.4	425.1	362.9	311.4	262.3	214.6	167.2
-52.5°	740.5	653.1	577.0	507.6	445.8	386.8	336.1	287.5	243.5	198.9	154.5
-55°	649.6	578.0	513.7	456.0	401.6	353.9	308.2	266.2	224.2	183.3	141.7
-57.5°	571.1	508.5	457.0	406.9	362.0	321.4	282.8	244.5	205.7	167.1	131.5
-60°	495.7	448.9	403.1	362.9	324.8	290.4	258.8	222.8	187.0	150.9	120.2
-62.5°	430.5	390.6	356.0	320.9	289.3	261.2	234.7	201.6	167.7	135.9	108.0
-65°	369.5	338.8	309.3	281.3	255.1	231.3	209.8	179.8	148.4	120.0	95.2
-67.5°	311.5	288.4	265.2	241.7	221.1	201.8	183.5	156.3	128.3	103.3	82.6
-70°	259.7	239.9	221.8	204.4	187.6	171.6	154.3	131.3	107.2	88.3	69.7
-72.5°	210.7	196.3	181.3	167.0	154.6	140.5	124.6	106.7	89.7	73.0	56.5
-75°	165.5	156.0	145.4	134.0	122.5	109.9	99.3	86.8	72.0	57.4	45.5
-77.5°	132.4	123.2	112.5	103.5	95.7	87.1	77.5	66.6	54.9	44.7	35.2
-80°	97.7	90.6	84.6	79.4	72.2	64.3	56.4	48.5	39.9	32.0	24.7
-82.5°	59.6	58.0	56.4	54.0	48.0	42.1	36.4	30.7	24.7	19.1	15.8
-85°	29.8	29.2	28.3	27.1	23.4	19.8	18.1	16.4	14.4	12.5	10.6
-87.5°	9.8	10.6	11.2	11.6	10.8	9.9	9.1	8.2	7.2	6.2	5.3
-90°	0.0	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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.3	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.4	0.0
72.5°	1.3	1.4	1.4	1.2	0.8	0.5	0.0
70°	1.4	1.4	1.4	1.3	0.9	0.6	0.0
67.5°	1.5	1.5	1.5	1.4	1.0	0.6	0.0
65°	1.7	1.7	1.5	1.4	1.1	0.7	0.0
62.5°	2.0	2.1	1.6	1.5	1.3	0.8	0.0
60°	2.4	2.6	1.7	1.6	1.4	0.8	0.0
57.5°	4.3	3.0	2.2	1.6	1.4	0.9	0.0
55°	6.9	3.6	2.7	1.7	1.5	0.9	0.0
52.5°	9.9	4.6	3.2	1.7	1.6	1.0	0.0
50°	13.3	7.8	3.8	1.8	1.7	1.1	0.0
47.5°	17.9	11.3	4.4	2.0	1.7	1.1	0.0
45°	27.0	15.0	5.0	2.5	1.8	1.2	0.0
42.5°	36.3	19.0	5.7	2.9	1.9	1.3	0.0
40°	45.8	23.2	7.6	3.5	1.9	1.3	0.0
37.5°	55.5	27.6	10.9	4.3	2.0	1.4	0.0
35°	65.3	34.3	14.2	5.1	2.1	1.4	0.0
32.5°	76.0	42.1	17.6	6.0	2.2	1.5	0.0
30°	88.2	49.8	21.0	7.0	2.3	1.5	0.0
27.5°	100.2	57.4	25.2	8.1	2.3	1.6	0.0
25°	111.8	64.9	29.5	9.2	2.4	1.6	0.0
22.5°	123.2	72.5	33.8	10.4	2.5	1.6	0.0
20°	134.1	80.7	38.1	11.6	2.6	1.7	0.0
17.5°	145.0	88.7	42.3	12.8	2.6	1.7	0.0
15°	155.4	96.3	46.4	14.1	2.7	1.8	0.0
12.5°	165.1	103.5	50.3	15.3	2.8	1.8	0.0
10°	174.2	110.4	54.1	16.5	2.9	1.8	0.0
7.5°	182.5	116.8	57.6	17.7	2.9	1.8	0.0
5°	190.0	122.7	60.9	18.8	3.0	1.9	0.0
2.5°	196.8	128.1	64.0	19.8	3.0	1.9	0.0
0°	202.8	132.9	66.7	20.8	3.1	1.9	0.0
-2.5°	205.8	135.9	69.2	22.2	3.6	2.0	0.0
-5°	207.9	138.3	71.4	23.4	4.1	2.1	0.0
-7.5°	209.3	140.0	73.2	24.5	4.6	2.2	0.0
-10°	210.0	141.1	74.5	25.5	5.0	2.3	0.0
-12.5°	209.8	141.6	75.4	26.3	5.5	2.4	0.0
-15°	209.0	141.4	75.8	26.9	5.9	2.5	0.0
-17.5°	207.5	140.5	75.8	27.4	6.2	2.5	0.0
-20°	205.1	139.0	75.3	27.7	6.6	2.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	201.7	136.9	74.2	27.8	6.9	2.6	0.0
-25°	197.5	133.6	72.6	27.6	7.2	2.7	0.0
-27.5°	192.4	129.5	70.5	27.3	7.4	2.7	0.0
-30°	186.6	124.8	67.9	26.7	7.6	2.7	0.0
-32.5°	180.0	119.6	64.8	25.9	7.8	2.7	0.0
-35°	172.9	113.9	61.4	24.9	7.9	2.7	0.0
-37.5°	165.3	108.1	57.6	23.7	7.9	2.7	0.0
-40°	157.0	102.8	53.5	22.2	7.9	2.7	0.0
-42.5°	148.2	97.2	50.3	20.6	7.9	2.6	0.0
-45°	138.9	91.2	48.2	19.0	7.8	2.6	0.0
-47.5°	129.0	84.9	45.7	17.2	7.7	2.5	0.0
-50°	120.7	78.2	42.8	16.6	7.5	2.5	0.0
-52.5°	112.4	71.2	39.5	16.2	7.2	2.4	0.0
-55°	103.8	66.0	35.9	15.7	6.9	2.3	0.0
-57.5°	94.8	60.6	32.0	15.0	6.6	2.2	0.0
-60°	85.8	54.7	27.8	14.2	6.2	2.0	0.0
-62.5°	77.5	48.4	25.8	13.2	5.8	1.9	0.0
-65°	68.6	41.7	23.6	12.0	5.4	1.8	0.0
-67.5°	59.2	36.0	21.1	10.7	5.0	1.6	0.0
-70°	49.2	31.5	18.3	9.3	4.5	1.5	0.0
-72.5°	41.7	26.7	15.4	8.2	4.0	1.3	0.0
-75°	34.1	21.5	12.2	7.1	3.5	1.1	0.0
-77.5°	26.1	16.2	10.1	6.0	2.9	0.9	0.0
-80°	17.8	12.3	8.2	4.8	2.4	0.8	0.0
-82.5°	13.1	9.3	6.2	3.7	1.8	0.6	0.0
-85°	8.8	6.2	4.1	2.4	1.2	0.4	0.0
-87.5°	4.4	3.1	2.1	1.2	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)