

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: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-940-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

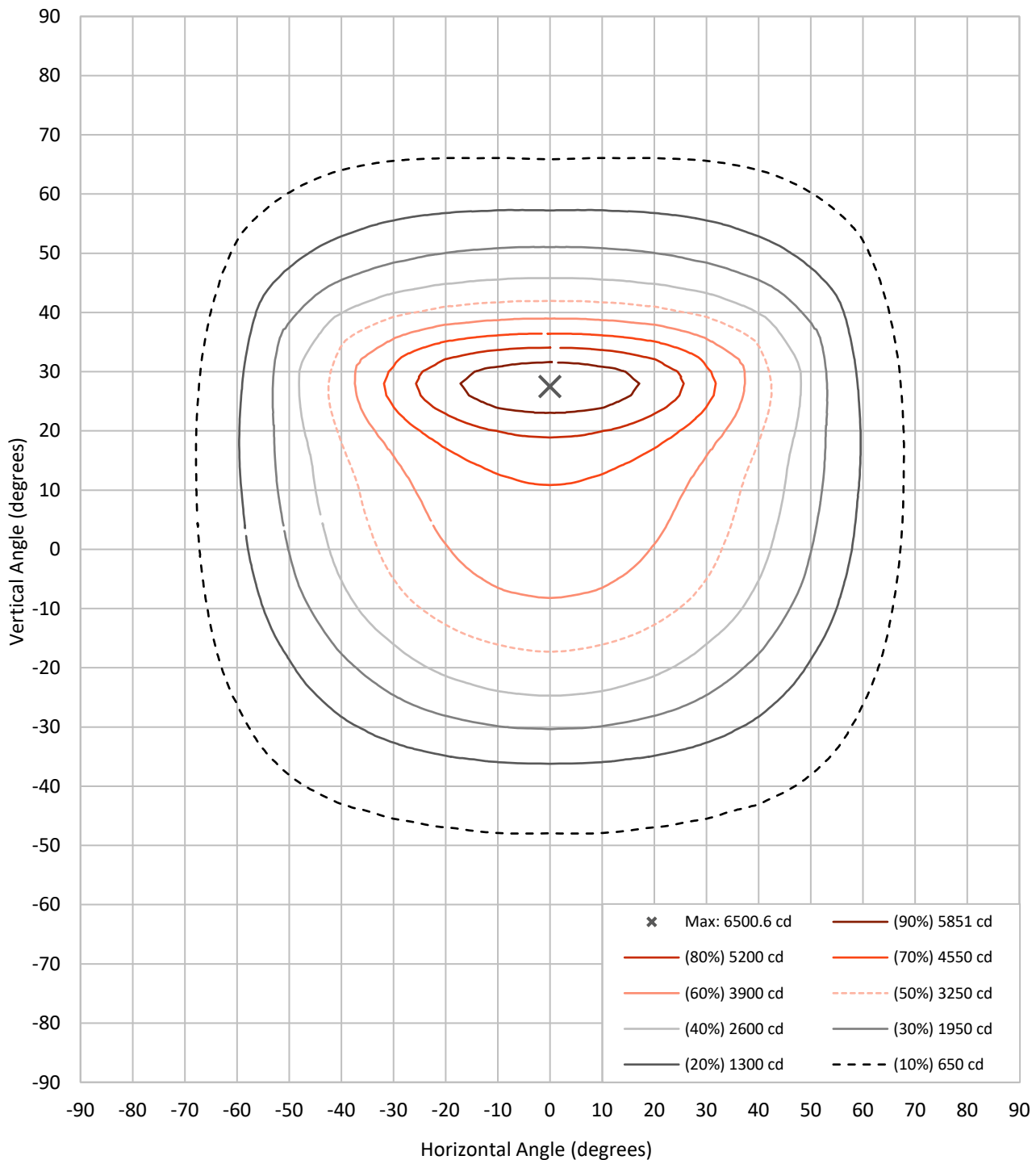
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	9476.8 lumens	Max Intensity:	6500.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	104.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	4915.1 lumens	Field Lumens:	8766.9 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	91		
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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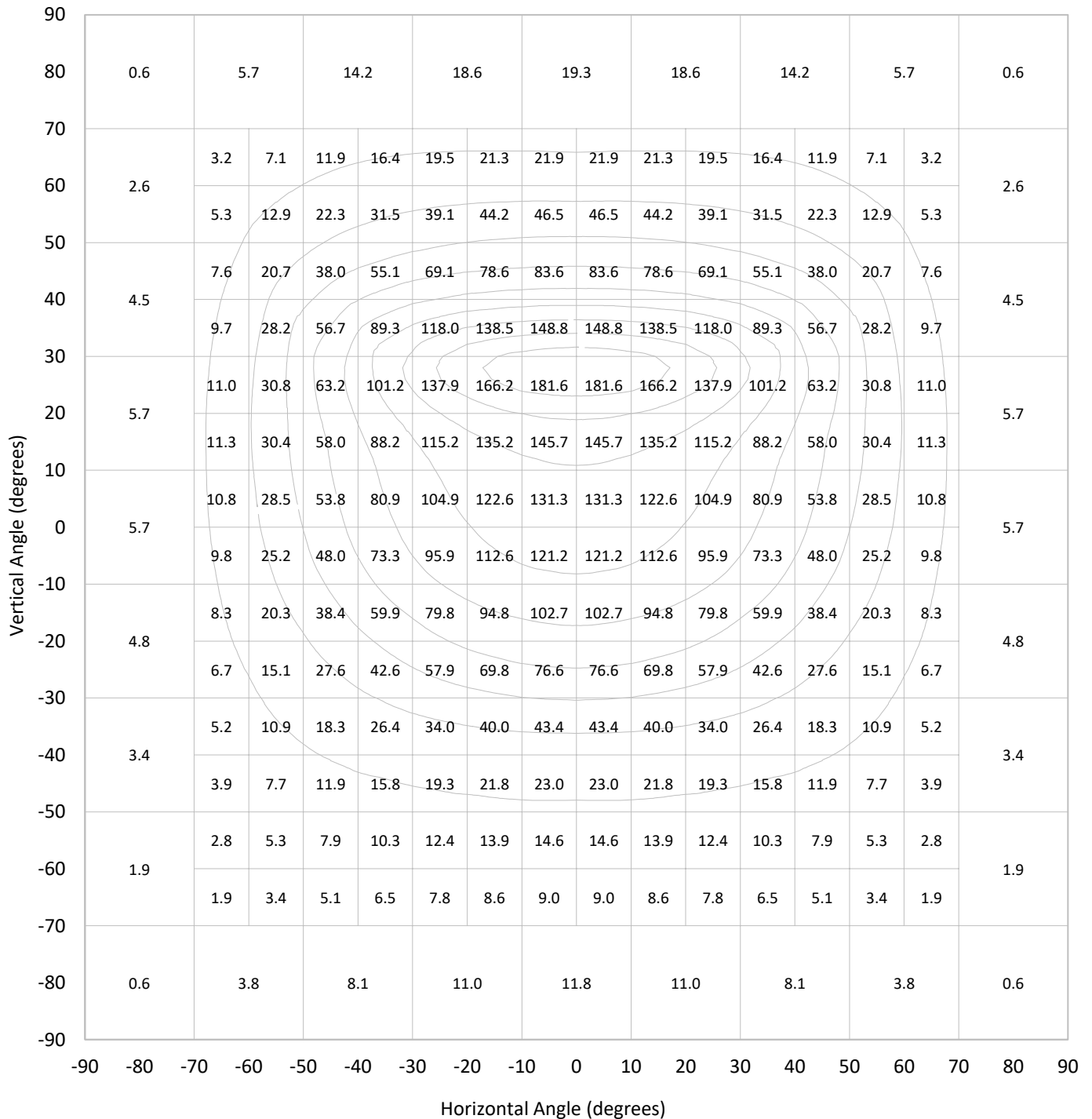
### Iso-Candela Plot





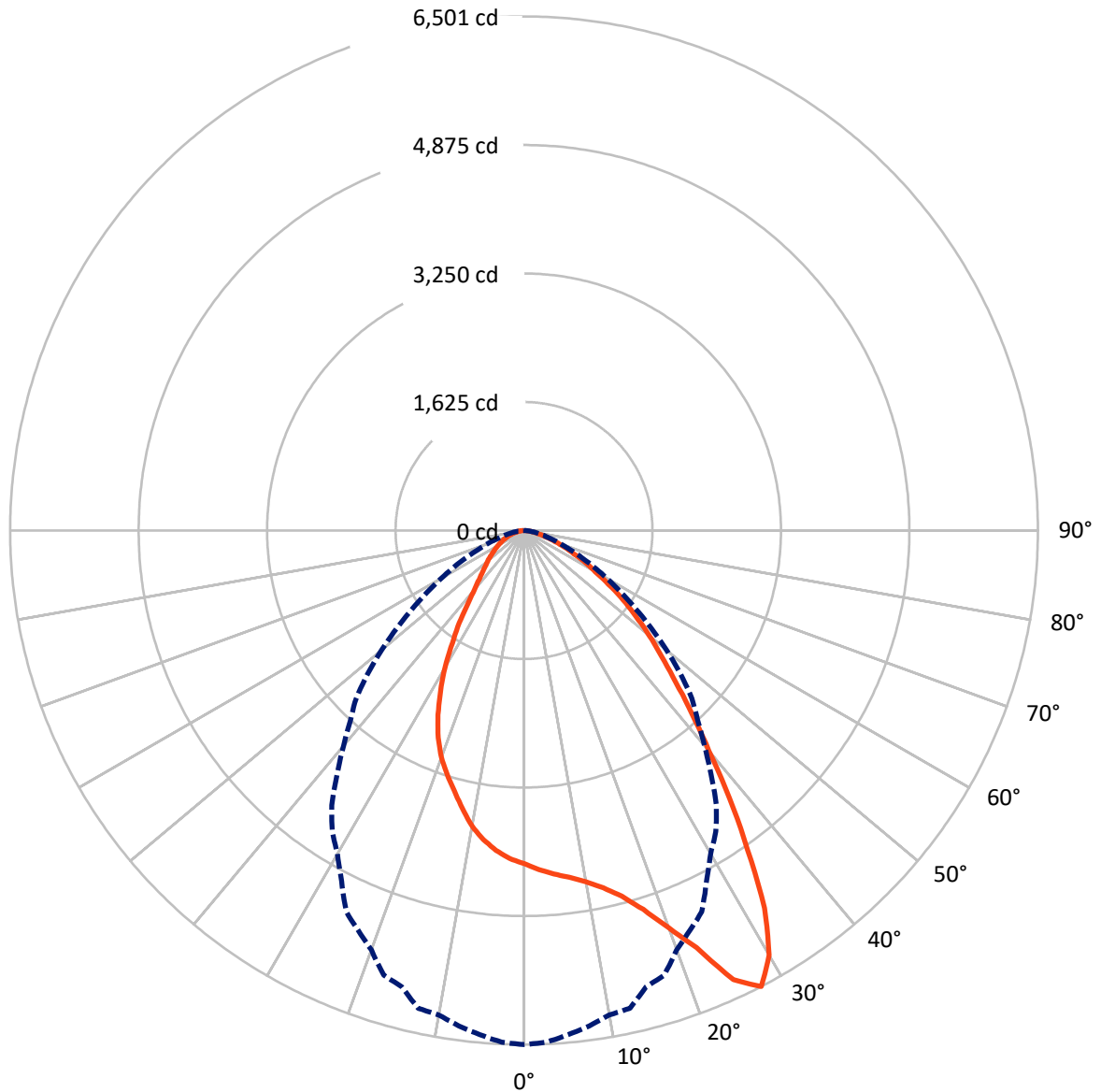
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### Lumen Table



REPORT NUMBER: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
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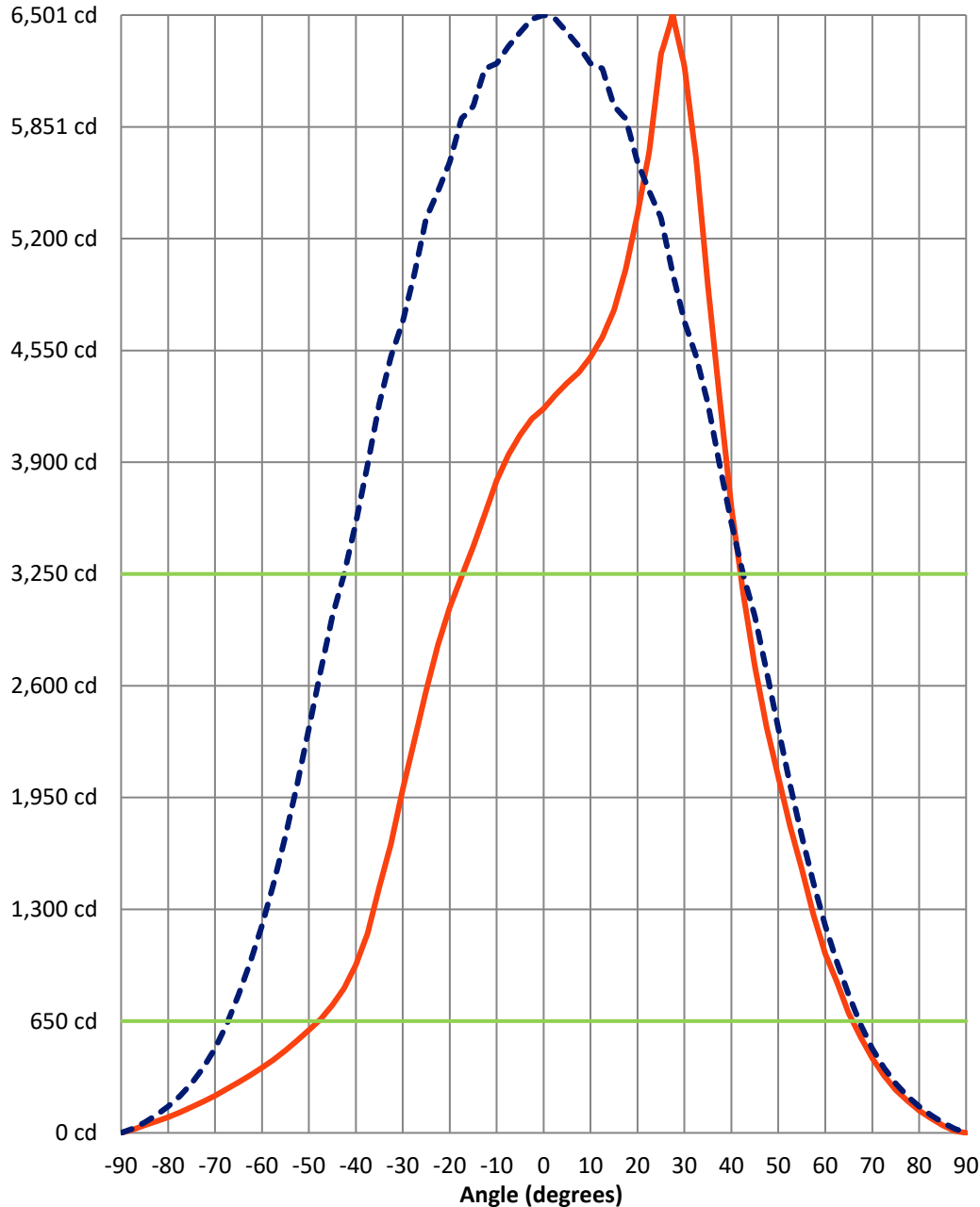
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 27.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 4915.1  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 8766.9  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 710  
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 27.5-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	1.2	2.5	3.8	4.9	6.1	7.2	8.3	9.4	10.4	11.4
85°	0.0	2.5	5.0	7.5	9.9	12.2	14.5	16.7	18.8	20.8	22.8
82.5°	0.0	3.7	7.6	11.2	14.8	18.3	21.7	25.0	28.7	35.0	41.6
80°	0.0	4.9	10.1	14.9	19.7	24.4	29.5	37.7	46.3	55.2	64.5
77.5°	0.0	6.2	12.5	18.6	24.6	31.8	41.9	52.6	63.7	75.2	88.7
75°	0.0	7.4	15.0	22.3	29.9	41.7	54.1	67.2	81.3	99.0	117.2
72.5°	0.0	8.6	17.4	25.9	37.5	51.4	66.2	82.8	103.1	124.0	145.4
70°	0.0	9.7	19.8	29.8	44.9	61.0	78.5	101.2	124.5	148.6	176.6
67.5°	0.0	10.9	22.1	35.1	52.1	70.3	93.5	119.3	145.6	176.8	208.2
65°	0.0	12.0	24.4	40.3	59.2	80.7	108.1	136.9	170.0	204.4	240.9
62.5°	0.0	13.1	26.7	45.3	66.2	92.0	122.2	156.6	193.8	232.4	276.9
60°	0.0	14.2	28.8	50.2	72.9	103.0	135.7	176.7	217.0	263.1	311.8
57.5°	0.0	15.3	31.9	55.0	80.9	113.5	151.1	196.0	242.1	292.8	351.6
55°	0.0	16.3	34.9	59.6	88.7	123.5	166.0	214.0	267.0	322.8	392.4
52.5°	0.0	17.3	37.8	64.0	96.2	133.4	180.1	233.1	290.8	356.4	430.8
50°	0.0	18.2	40.7	68.3	103.3	144.2	193.4	251.3	314.9	388.0	476.7
47.5°	0.0	19.2	43.4	72.5	110.1	154.4	206.1	268.2	340.5	417.4	520.5
45°	0.0	20.0	45.9	77.3	116.4	163.9	219.3	283.8	362.8	452.9	560.9
42.5°	0.0	20.9	48.4	81.7	122.3	172.6	231.5	300.2	383.3	485.7	606.3
40°	0.0	21.7	50.8	86.0	128.3	180.7	242.6	316.5	404.0	515.2	648.8
37.5°	0.0	22.5	53.0	90.0	134.4	188.1	252.6	331.4	426.3	542.1	686.8
35°	0.0	23.2	55.1	93.8	139.8	195.4	261.6	344.8	445.9	570.7	722.7
32.5°	0.0	23.8	57.0	97.2	144.8	202.3	270.2	356.6	462.9	595.2	754.7
30°	0.0	24.5	58.9	100.5	149.2	208.3	279.4	367.6	477.2	615.6	781.1
27.5°	0.0	25.0	60.5	103.4	153.4	213.5	287.3	378.9	490.6	631.9	802.2
25°	0.0	25.6	62.1	106.1	157.1	217.9	294.1	388.2	503.5	646.8	818.0
22.5°	0.0	26.0	63.5	108.5	160.3	221.7	299.6	395.5	513.3	658.9	831.5
20°	0.0	26.5	64.7	110.6	163.0	225.5	303.8	400.7	519.9	666.7	840.3
17.5°	0.0	26.8	65.8	112.4	165.1	228.6	307.7	404.0	523.5	670.4	844.3
15°	0.0	27.2	66.7	113.9	166.8	231.0	310.8	406.2	524.3	670.2	843.8
12.5°	0.0	27.4	67.5	115.1	168.0	232.8	312.7	407.9	524.2	666.2	838.8
10°	0.0	27.7	68.1	116.1	168.6	234.0	313.4	408.0	523.4	664.2	831.2
7.5°	0.0	27.8	68.6	116.7	168.9	234.5	313.1	406.6	520.3	660.0	822.7
5°	0.0	27.9	68.9	117.1	168.7	234.3	311.7	403.8	515.1	652.9	810.1
2.5°	0.0	28.0	69.0	117.2	168.0	233.5	309.3	399.5	508.0	643.2	793.7
0°	0.0	28.0	69.0	117.0	167.0	232.0	306.0	394.0	499.0	631.0	774.0
-2.5°	0.0	28.0	68.8	116.5	166.2	229.8	302.5	388.2	490.2	617.4	754.2
-5°	0.0	28.0	68.5	115.7	165.0	227.0	298.2	381.3	479.8	601.7	731.8
-7.5°	0.0	28.0	68.0	114.6	163.4	223.7	293.0	373.3	468.0	584.0	707.1
-10°	0.0	27.8	67.4	113.3	161.5	219.8	287.1	364.4	454.9	564.5	680.5
-12.5°	0.0	27.7	66.7	111.7	159.2	215.5	280.5	354.5	440.6	543.8	654.4
-15°	0.0	27.4	65.8	109.9	156.5	210.7	273.3	343.9	425.9	523.4	627.8
-17.5°	0.0	27.1	64.7	107.8	153.5	205.6	265.4	333.3	411.3	501.9	599.8
-20°	0.0	26.8	63.6	105.6	150.2	200.0	257.2	322.5	395.9	479.4	570.6



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 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	26.4	62.3	103.1	146.5	194.2	249.0	310.9	379.7	456.2	540.6
-25°	0.0	25.9	60.9	100.3	142.5	188.3	240.3	298.7	363.0	432.3	509.8
-27.5°	0.0	25.4	59.3	97.4	138.1	182.2	231.1	285.8	345.9	409.2	480.6
-30°	0.0	24.9	57.7	94.3	133.5	175.7	221.6	272.3	329.3	388.2	451.5
-32.5°	0.0	24.3	55.9	91.0	128.7	168.8	211.7	259.8	312.8	367.0	422.5
-35°	0.0	23.6	54.0	87.5	123.7	161.6	202.4	247.4	295.7	345.8	393.8
-37.5°	0.0	22.9	52.1	83.9	118.4	154.4	193.2	234.7	278.3	324.8	370.1
-40°	0.0	22.2	50.0	80.1	112.9	147.4	183.7	221.8	260.4	304.2	347.7
-42.5°	0.0	21.4	47.8	76.2	107.4	140.2	173.9	208.8	244.4	284.4	324.9
-45°	0.0	20.5	45.6	72.1	102.0	132.8	163.8	196.1	229.3	264.5	301.8
-47.5°	0.0	19.7	43.3	67.9	96.4	125.1	153.4	184.0	214.2	244.7	279.9
-50°	0.0	18.7	40.9	64.1	90.5	117.3	143.9	171.7	199.3	228.0	258.0
-52.5°	0.0	17.8	38.4	60.4	84.5	109.3	134.4	159.1	184.9	211.0	236.5
-55°	0.0	16.8	35.9	56.5	78.4	101.6	124.8	146.5	170.5	193.7	217.5
-57.5°	0.0	15.7	33.2	52.6	72.0	93.7	115.0	135.3	155.9	177.2	198.2
-60°	0.0	14.6	30.6	48.6	65.6	85.7	105.1	124.0	141.5	160.7	179.3
-62.5°	0.0	13.5	28.3	44.5	60.2	77.6	95.4	112.5	128.5	144.1	161.1
-65°	0.0	12.4	25.9	40.3	54.6	69.3	85.6	100.9	115.4	129.1	142.8
-67.5°	0.0	11.2	23.5	36.0	49.0	61.6	75.6	89.5	102.1	114.5	126.1
-70°	0.0	10.1	21.1	31.6	43.3	54.5	65.6	78.0	89.4	99.7	110.0
-72.5°	0.0	8.8	18.5	27.7	37.5	47.4	56.9	66.5	76.7	85.9	94.1
-75°	0.0	7.6	16.0	23.8	31.6	40.1	48.3	56.3	63.9	72.1	79.4
-77.5°	0.0	6.4	13.4	19.9	26.3	32.8	39.7	46.4	52.8	58.7	64.7
-80°	0.0	5.1	10.7	16.0	21.1	26.1	31.1	36.6	41.8	46.7	51.3
-82.5°	0.0	3.8	8.1	12.0	15.8	19.6	23.2	27.0	30.8	34.6	38.2
-85°	0.0	2.6	5.4	8.0	10.6	13.1	15.5	18.0	20.5	22.9	25.3
-87.5°	0.0	1.3	2.7	4.0	5.3	6.5	7.8	9.0	10.3	11.5	12.7
-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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 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-XX

**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°	12.0	12.5	12.9	13.2	13.7	14.1	14.5	14.9	15.1	15.3	15.5
85°	24.0	25.0	28.0	30.8	33.7	36.4	38.8	40.9	42.6	44.0	45.0
82.5°	46.9	51.9	56.7	61.1	65.2	68.9	72.4	76.4	79.7	82.4	84.6
80°	72.0	78.8	87.1	94.9	102.0	108.4	114.3	119.5	123.7	127.8	131.8
77.5°	101.2	112.2	122.6	132.1	141.3	152.0	161.9	171.0	178.1	183.4	187.4
75°	132.5	145.7	160.7	175.6	189.6	202.5	215.0	230.3	242.7	252.0	259.5
72.5°	166.1	185.0	203.3	221.2	241.7	261.7	281.1	299.9	316.3	328.4	338.2
70°	202.2	224.2	249.6	275.3	300.0	325.1	351.8	376.2	396.3	410.6	424.1
67.5°	239.2	270.0	300.1	331.1	366.1	398.0	427.2	458.0	485.1	503.0	518.6
65°	281.8	316.3	356.5	397.5	435.9	475.8	512.7	546.1	580.3	605.2	625.7
62.5°	323.0	371.5	418.9	466.9	515.2	558.5	606.7	649.7	684.1	719.8	750.3
60°	371.9	429.5	487.6	545.5	599.6	660.4	713.3	763.2	809.2	848.9	886.5
57.5°	420.7	495.1	563.8	631.7	703.2	768.3	830.4	886.3	941.4	987.3	1032.4
55°	472.0	567.8	647.1	730.9	809.6	883.1	952.9	1022.9	1081.6	1144.9	1200.0
52.5°	529.0	638.4	740.8	833.2	921.8	1006.6	1090.1	1174.4	1256.8	1322.4	1384.7
50°	582.2	712.6	835.8	941.2	1043.1	1143.8	1248.1	1353.5	1444.3	1519.4	1584.2
47.5°	640.8	781.5	938.1	1054.6	1177.0	1301.8	1428.4	1544.8	1643.8	1745.9	1817.5
45°	697.9	851.3	1021.2	1182.9	1324.5	1475.6	1615.1	1743.5	1886.9	1998.4	2094.1
42.5°	750.0	917.4	1106.5	1312.3	1489.3	1651.6	1802.5	1983.2	2147.9	2278.3	2397.6
40°	803.6	977.5	1184.1	1432.6	1653.8	1826.9	2010.7	2210.4	2424.7	2585.2	2727.8
37.5°	852.6	1039.0	1255.1	1524.3	1815.7	2006.0	2209.2	2425.9	2670.2	2911.5	3083.0
35°	895.9	1091.1	1325.5	1599.0	1897.2	2179.6	2394.5	2625.2	2892.6	3205.7	3439.9
32.5°	935.3	1133.7	1381.4	1657.2	1959.8	2290.8	2563.5	2800.3	3068.6	3391.8	3789.4
30°	967.4	1174.9	1423.0	1699.3	2002.7	2332.4	2678.7	2936.7	3191.3	3508.5	3878.6
27.5°	991.7	1205.1	1451.6	1725.5	2025.7	2351.8	2684.7	3003.1	3249.6	3548.1	3884.7
25°	1010.4	1229.9	1466.8	1735.3	2029.1	2343.3	2663.7	2965.0	3241.7	3504.8	3806.9
22.5°	1025.9	1246.9	1483.5	1728.7	2013.8	2313.1	2614.5	2901.8	3169.6	3415.9	3675.7
20°	1037.5	1257.9	1491.9	1735.1	1988.1	2264.1	2552.3	2825.7	3084.4	3322.9	3534.4
17.5°	1042.7	1261.1	1491.9	1733.9	1983.7	2225.2	2476.2	2739.0	2993.2	3230.2	3439.1
15°	1041.8	1256.9	1483.7	1724.7	1970.7	2209.9	2441.1	2657.9	2894.7	3134.3	3342.4
12.5°	1034.9	1245.5	1467.5	1707.4	1949.6	2185.9	2413.0	2630.7	2843.0	3043.6	3242.6
10°	1022.3	1227.3	1443.8	1682.2	1920.4	2153.2	2377.4	2595.8	2805.9	3002.8	3188.1
7.5°	1009.4	1207.0	1415.2	1649.2	1883.1	2111.8	2334.0	2552.8	2758.8	2955.3	3142.5
5°	992.4	1185.4	1393.5	1617.6	1843.1	2066.2	2283.6	2501.3	2701.8	2900.2	3088.1
2.5°	970.7	1158.6	1366.0	1579.3	1798.3	2019.1	2229.1	2442.8	2648.4	2839.0	3024.1
0°	944.9	1126.9	1332.9	1533.9	1745.9	1963.9	2165.9	2374.9	2588.9	2768.8	2949.8
-2.5°	916.8	1088.9	1284.6	1484.6	1689.5	1903.3	2110.4	2308.5	2517.8	2699.6	2884.5
-5°	885.2	1047.0	1231.2	1429.0	1626.4	1834.9	2045.8	2234.2	2434.2	2614.0	2795.8
-7.5°	850.8	1001.7	1173.5	1366.5	1554.6	1751.2	1951.0	2132.3	2326.6	2504.5	2681.6
-10°	814.4	957.1	1117.4	1295.9	1473.2	1656.5	1844.2	2021.6	2208.5	2385.7	2556.1
-12.5°	779.5	913.0	1059.6	1221.9	1387.4	1556.7	1731.2	1902.6	2079.8	2257.9	2417.2
-15°	743.0	866.8	999.9	1145.3	1297.7	1452.7	1613.0	1775.1	1941.5	2115.7	2262.9
-17.5°	705.1	818.7	938.9	1067.1	1204.9	1345.2	1492.6	1649.1	1801.4	1960.1	2102.4
-20°	666.4	769.2	877.5	987.9	1110.3	1244.9	1382.7	1523.2	1661.5	1799.7	1933.4



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 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	627.2	718.6	817.2	914.3	1030.8	1152.2	1273.2	1395.1	1519.2	1638.2	1764.7
-25°	589.3	671.7	758.8	853.2	953.1	1060.2	1164.1	1267.2	1377.3	1488.8	1597.7
-27.5°	552.8	625.4	707.7	791.9	875.2	970.4	1061.4	1148.7	1244.8	1343.2	1431.1
-30°	516.2	585.2	657.2	731.9	805.2	884.7	963.3	1040.0	1118.2	1202.5	1278.6
-32.5°	482.2	545.2	610.7	676.3	738.5	800.2	872.8	940.9	1004.9	1064.9	1131.4
-35°	451.2	508.9	565.9	622.4	673.6	727.9	788.7	846.0	897.4	945.6	996.3
-37.5°	421.9	473.3	521.3	571.8	617.4	663.8	708.5	758.1	799.8	838.4	880.0
-40°	392.6	438.5	481.7	523.9	565.7	604.5	642.6	676.4	709.9	747.0	775.6
-42.5°	363.7	406.4	445.0	477.4	516.7	550.2	579.8	607.8	635.2	664.1	687.1
-45°	338.1	374.5	409.8	440.8	470.3	498.8	524.0	545.9	571.9	591.9	609.3
-47.5°	312.4	343.9	376.1	404.8	429.4	452.6	471.3	493.4	514.7	531.9	542.0
-50°	287.1	315.9	343.2	369.8	392.2	410.8	427.0	445.1	462.8	477.4	487.1
-52.5°	263.7	287.8	313.1	335.8	356.4	373.1	388.5	404.3	417.2	427.2	439.9
-55°	240.7	262.8	284.0	304.3	322.0	337.2	352.3	366.3	377.4	386.1	396.5
-57.5°	219.0	239.0	257.4	274.5	290.4	303.5	318.2	330.1	340.5	348.6	359.4
-60°	197.9	215.8	232.6	247.4	260.4	273.4	285.3	296.4	305.4	313.4	323.3
-62.5°	176.9	193.1	208.2	221.9	233.7	244.4	255.2	264.6	272.1	280.4	288.6
-65°	157.3	170.9	184.1	196.6	207.8	217.9	226.8	234.4	241.5	248.9	255.5
-67.5°	137.7	150.4	161.5	171.4	181.7	191.6	199.8	206.8	212.7	218.8	224.3
-70°	120.1	130.2	140.4	149.3	157.1	165.4	173.4	180.0	185.3	190.0	194.5
-72.5°	102.9	111.8	120.2	127.9	135.0	141.6	147.9	153.9	158.8	162.5	165.8
-75°	86.5	93.5	100.7	107.4	113.2	118.3	123.2	128.0	132.0	135.1	137.7
-77.5°	70.8	76.7	82.2	87.4	91.6	95.6	99.4	102.8	105.9	108.3	110.1
-80°	55.6	59.8	64.3	68.6	71.8	74.5	76.9	79.0	81.2	83.6	85.6
-82.5°	41.4	44.4	47.4	50.3	52.5	54.4	56.1	57.7	59.3	60.8	62.1
-85°	27.2	29.0	30.8	32.6	34.3	35.8	37.1	38.2	39.1	39.8	40.5
-87.5°	13.6	14.5	15.3	16.1	16.9	17.7	18.4	19.1	19.5	19.9	20.2
-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):**

	-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°	15.6	15.6	15.6	15.5	15.4	14.8	14.1	13.4	12.6	12.9	13.3
85°	45.8	46.0	45.9	45.4	44.7	44.6	44.5	44.2	43.8	44.4	45.0
82.5°	86.3	86.9	87.0	86.6	85.7	86.1	86.3	86.1	85.6	86.2	86.6
80°	134.9	136.1	136.2	135.3	133.4	133.7	133.8	133.4	132.6	132.8	132.7
77.5°	192.1	195.1	196.1	195.7	193.8	193.3	192.0	189.4	185.5	185.4	185.5
75°	265.1	268.2	269.7	269.6	267.9	266.7	265.0	262.0	257.7	257.5	257.6
72.5°	345.7	350.2	352.2	354.0	354.0	353.3	351.1	346.6	340.0	339.2	340.0
70°	434.7	442.2	447.0	450.6	453.5	454.1	452.7	449.1	443.3	441.7	441.3
67.5°	533.9	545.8	554.9	560.9	566.6	570.7	572.2	570.6	565.9	564.4	565.0
65°	644.9	663.4	678.7	690.1	697.8	703.2	707.9	710.7	711.4	713.1	715.3
62.5°	774.7	797.4	818.6	833.1	840.5	845.8	861.0	869.8	872.3	872.8	876.2
60°	919.6	948.3	974.7	996.0	1013.2	1026.2	1039.2	1047.7	1050.9	1051.6	1056.2
57.5°	1078.1	1114.1	1145.1	1178.0	1201.0	1214.3	1231.6	1249.5	1258.8	1261.5	1272.4
55°	1253.4	1302.5	1342.7	1377.9	1410.0	1438.2	1462.1	1480.5	1494.1	1502.3	1516.8
52.5°	1447.3	1505.0	1547.0	1588.4	1634.4	1666.8	1688.0	1722.1	1746.7	1760.3	1777.6
50°	1660.1	1724.5	1781.7	1825.1	1878.6	1922.9	1955.2	1987.4	2010.0	2022.9	2039.7
47.5°	1902.4	1981.7	2048.2	2088.4	2150.5	2202.6	2223.7	2248.0	2290.5	2311.0	2328.9
45°	2175.3	2276.4	2350.2	2413.1	2466.5	2525.0	2563.3	2591.0	2632.9	2653.9	2667.1
42.5°	2499.9	2612.4	2709.6	2785.1	2830.0	2905.9	2961.2	2976.8	3036.1	3076.3	3088.2
40°	2863.9	2988.6	3116.9	3203.0	3275.2	3352.3	3443.6	3494.5	3544.6	3584.1	3593.0
37.5°	3243.3	3410.2	3556.6	3667.8	3787.2	3900.9	3997.7	4050.5	4083.4	4158.8	4187.0
35°	3629.0	3801.2	4006.4	4179.0	4323.8	4464.1	4574.5	4661.5	4744.3	4812.2	4852.9
32.5°	3957.4	4142.8	4396.0	4654.5	4810.8	4962.8	5144.2	5243.7	5354.2	5443.7	5509.1
30°	4227.3	4403.5	4634.1	4958.5	5172.5	5326.6	5556.1	5693.7	5814.0	5965.7	6018.5
27.5°	4240.1	4515.4	4719.4	4998.8	5319.9	5476.3	5646.2	5896.3	5972.1	6188.3	6219.5
25°	4128.8	4417.9	4627.5	4860.7	5127.7	5318.0	5473.1	5681.0	5789.9	5929.0	6035.9
22.5°	3954.7	4209.5	4423.3	4621.1	4829.4	5002.6	5144.5	5290.6	5410.1	5518.0	5618.3
20°	3762.5	4004.4	4207.1	4377.1	4542.2	4702.8	4830.4	4953.1	5056.5	5149.1	5206.2
17.5°	3627.1	3801.1	4008.3	4182.4	4325.6	4451.7	4583.6	4686.3	4776.9	4860.3	4912.5
15°	3534.6	3700.1	3847.6	4007.5	4158.4	4278.5	4377.9	4483.9	4562.1	4633.9	4690.4
12.5°	3438.7	3609.2	3763.6	3896.7	4014.8	4146.1	4252.3	4335.6	4417.8	4474.1	4532.1
10°	3358.5	3518.1	3678.2	3818.8	3943.1	4051.2	4151.7	4245.3	4319.0	4382.2	4427.9
7.5°	3312.0	3468.5	3612.4	3747.3	3868.4	3983.6	4087.4	4173.1	4246.2	4311.6	4359.5
5°	3258.1	3413.0	3556.6	3694.5	3810.8	3921.5	4024.8	4113.0	4188.7	4247.0	4292.8
2.5°	3196.2	3349.0	3492.3	3632.5	3748.8	3855.5	3953.3	4039.3	4118.1	4173.7	4212.7
0°	3125.8	3278.8	3418.8	3550.8	3667.8	3782.8	3872.8	3959.8	4036.8	4091.8	4130.8
-2.5°	3054.7	3206.8	3351.7	3478.2	3594.3	3700.5	3796.3	3878.5	3952.0	4006.8	4041.0
-5°	2960.3	3111.4	3254.4	3381.9	3503.2	3609.8	3702.9	3786.5	3857.3	3917.0	3963.4
-7.5°	2845.9	2998.7	3141.6	3271.7	3392.4	3493.2	3582.6	3666.8	3742.4	3807.7	3864.8
-10°	2720.2	2871.3	3006.3	3128.1	3240.7	3343.0	3438.2	3521.4	3590.7	3654.5	3702.7
-12.5°	2573.7	2713.6	2845.7	2965.8	3075.8	3178.3	3268.8	3348.0	3417.8	3474.4	3517.8
-15°	2412.1	2545.0	2670.0	2792.8	2907.9	3008.9	3088.5	3172.0	3232.4	3287.4	3326.4
-17.5°	2239.2	2367.7	2499.2	2622.3	2728.5	2828.1	2915.7	2992.0	3055.5	3105.9	3149.9
-20°	2064.0	2194.8	2321.4	2438.7	2540.9	2633.2	2721.9	2795.2	2860.2	2915.0	2966.7



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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°	1888.0	2008.0	2126.8	2241.6	2338.3	2425.6	2503.2	2573.3	2630.7	2695.3	2740.9
-25°	1707.2	1812.3	1919.6	2021.0	2112.4	2198.2	2268.6	2330.1	2389.9	2452.3	2496.8
-27.5°	1525.5	1618.5	1705.6	1795.3	1875.4	1949.8	2015.1	2068.9	2127.0	2168.6	2217.5
-30°	1345.8	1430.2	1502.8	1565.3	1640.6	1704.4	1755.2	1808.6	1856.6	1896.4	1937.6
-32.5°	1193.7	1251.3	1309.4	1361.6	1411.7	1464.1	1505.1	1551.7	1584.6	1618.9	1652.2
-35°	1047.5	1091.9	1130.4	1179.2	1216.8	1245.4	1279.5	1313.7	1326.9	1364.2	1384.0
-37.5°	915.1	944.2	980.2	1014.2	1042.1	1063.4	1093.8	1111.7	1121.2	1145.3	1158.2
-40°	801.8	820.2	853.8	877.0	893.7	909.2	934.5	946.1	959.0	971.0	971.4
-42.5°	702.1	725.8	748.6	766.8	777.4	795.1	807.0	808.3	825.0	835.6	837.3
-45°	620.6	644.7	662.7	676.1	686.7	701.9	709.5	713.8	727.4	734.7	737.8
-47.5°	558.0	574.8	590.4	600.7	614.6	625.9	631.5	638.6	649.1	655.7	660.5
-50°	502.9	516.2	528.1	537.6	551.4	561.4	566.8	575.6	583.4	588.2	591.9
-52.5°	454.5	466.3	474.6	483.8	495.2	504.1	511.0	519.7	526.2	530.4	533.7
-55°	409.1	420.3	428.3	438.4	446.6	452.5	458.3	466.9	473.2	477.5	480.4
-57.5°	369.1	377.5	385.4	394.5	402.3	408.8	414.0	418.7	422.9	426.4	429.2
-60°	331.6	338.5	345.7	352.8	358.7	363.4	369.0	373.2	375.9	377.6	379.9
-62.5°	295.6	301.8	308.2	313.9	318.6	322.5	327.0	330.5	333.1	334.8	336.2
-65°	261.4	266.7	272.1	276.9	280.9	284.3	287.5	290.0	291.7	293.2	294.4
-67.5°	229.3	233.5	237.3	240.6	243.7	246.6	249.3	251.2	252.3	253.5	254.7
-70°	198.4	201.7	204.3	206.3	208.0	210.3	213.0	214.9	216.0	217.2	218.3
-72.5°	168.5	171.0	173.0	174.7	175.7	177.1	179.0	180.5	181.7	182.6	183.0
-75°	139.8	141.7	143.6	144.8	145.6	146.6	147.6	148.1	148.2	148.6	148.8
-77.5°	111.6	113.6	115.3	116.5	117.2	118.1	118.8	119.1	119.2	119.3	119.0
-80°	87.1	88.5	89.6	90.4	91.0	91.6	91.9	92.0	91.8	92.0	92.1
-82.5°	63.3	64.5	65.5	66.2	66.7	67.3	67.8	68.2	68.4	68.4	68.4
-85°	41.0	41.5	42.0	42.5	42.9	43.2	43.4	43.4	43.3	43.3	43.3
-87.5°	20.5	20.2	19.9	19.5	19.0	19.2	19.3	19.3	19.3	19.5	19.7
-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°	13.6	13.9	13.0	12.0	13.0	13.9	13.6	13.3	12.9	12.6	13.4
85°	45.4	45.8	44.9	44.0	44.9	45.8	45.4	45.0	44.4	43.8	44.2
82.5°	86.7	86.5	85.9	85.0	85.9	86.5	86.7	86.6	86.2	85.6	86.1
80°	132.2	131.4	130.8	130.0	130.8	131.4	132.2	132.7	132.8	132.6	133.4
77.5°	185.1	184.1	185.7	187.0	185.7	184.1	185.1	185.5	185.4	185.5	189.4
75°	256.6	254.6	252.7	250.0	252.7	254.6	256.6	257.6	257.5	257.7	262.0
72.5°	339.7	338.1	336.6	334.0	336.6	338.1	339.7	340.0	339.2	340.0	346.6
70°	438.6	434.0	434.8	435.0	434.8	434.0	438.6	441.3	441.7	443.3	449.1
67.5°	563.2	559.0	559.5	559.0	559.5	559.0	563.2	565.0	564.4	565.9	570.6
65°	714.0	709.2	703.5	695.0	703.5	709.2	714.0	715.3	713.1	711.4	710.7
62.5°	875.8	871.6	874.1	876.0	874.1	871.6	875.8	876.2	872.8	872.3	869.8
60°	1055.5	1049.6	1046.7	1041.9	1046.7	1049.6	1055.5	1056.2	1051.6	1050.9	1047.7
57.5°	1277.5	1276.4	1273.8	1266.9	1273.8	1276.4	1277.5	1272.4	1261.5	1258.8	1249.5
55°	1523.7	1522.3	1528.0	1534.9	1528.0	1522.3	1523.7	1516.8	1502.3	1494.1	1480.5
52.5°	1790.4	1794.9	1793.3	1783.9	1793.3	1794.9	1790.4	1777.6	1760.3	1746.7	1722.1
50°	2054.5	2059.5	2064.9	2069.9	2064.9	2059.5	2054.5	2039.7	2022.9	2010.0	1987.4
47.5°	2353.7	2367.1	2369.4	2359.9	2369.4	2367.1	2353.7	2328.9	2311.0	2290.5	2248.0
45°	2693.6	2701.7	2705.7	2713.8	2705.7	2701.7	2693.6	2667.1	2653.9	2632.9	2591.0
42.5°	3122.3	3131.6	3133.0	3141.8	3133.0	3131.6	3122.3	3088.2	3076.3	3036.1	2976.8
40°	3631.1	3646.2	3643.6	3639.8	3643.6	3646.2	3631.1	3593.0	3584.1	3544.6	3494.5
37.5°	4226.6	4252.3	4255.0	4270.8	4255.0	4252.3	4226.6	4187.0	4158.8	4083.4	4050.5
35°	4895.0	4925.2	4920.0	4927.7	4920.0	4925.2	4895.0	4852.9	4812.2	4744.3	4661.5
32.5°	5569.3	5614.5	5623.6	5661.7	5623.6	5614.5	5569.3	5509.1	5443.7	5354.2	5243.7
30°	6099.0	6162.3	6203.7	6200.6	6203.7	6162.3	6099.0	6018.5	5965.7	5814.0	5693.7
27.5°	6318.4	6400.5	6477.4	6500.6	6477.4	6400.5	6318.4	6219.5	6188.3	5972.1	5896.3
25°	6104.3	6164.3	6232.2	6268.6	6232.2	6164.3	6104.3	6035.9	5929.0	5789.9	5681.0
22.5°	5664.4	5703.5	5726.6	5707.7	5726.6	5703.5	5664.4	5618.3	5518.0	5410.1	5290.6
20°	5265.2	5314.6	5323.8	5343.7	5323.8	5314.6	5265.2	5206.2	5149.1	5056.5	4953.1
17.5°	4968.1	5000.4	5019.4	5023.7	5019.4	5000.4	4968.1	4912.5	4860.3	4776.9	4686.3
15°	4735.2	4761.1	4778.2	4785.7	4778.2	4761.1	4735.2	4690.4	4633.9	4562.1	4483.9
12.5°	4570.2	4601.8	4617.3	4626.7	4617.3	4601.8	4570.2	4532.1	4474.1	4417.8	4335.6
10°	4464.4	4494.9	4507.2	4511.7	4507.2	4494.9	4464.4	4427.9	4382.2	4319.0	4245.3
7.5°	4388.5	4408.0	4416.3	4422.7	4416.3	4408.0	4388.5	4359.5	4311.6	4246.2	4173.1
5°	4327.2	4342.8	4351.5	4360.8	4351.5	4342.8	4327.2	4292.8	4247.0	4188.7	4113.0
2.5°	4243.7	4266.0	4281.5	4290.8	4281.5	4266.0	4243.7	4212.7	4173.7	4118.1	4039.3
0°	4161.8	4182.8	4193.8	4211.8	4193.8	4182.8	4161.8	4130.8	4091.8	4036.8	3959.8
-2.5°	4071.7	4096.0	4124.9	4152.8	4124.9	4096.0	4071.7	4041.0	4006.8	3952.0	3878.5
-5°	4002.8	4034.9	4040.9	4058.8	4040.9	4034.9	4002.8	3963.4	3917.0	3857.3	3786.5
-7.5°	3898.8	3913.5	3938.4	3942.8	3938.4	3913.5	3898.8	3864.8	3807.7	3742.4	3666.8
-10°	3738.6	3762.4	3778.0	3793.8	3778.0	3762.4	3738.6	3702.7	3654.5	3590.7	3521.4
-12.5°	3550.3	3578.3	3603.3	3599.8	3603.3	3578.3	3550.3	3517.8	3474.4	3417.8	3348.0
-15°	3366.9	3394.0	3411.1	3408.8	3411.1	3394.0	3366.9	3326.4	3287.4	3232.4	3172.0
-17.5°	3184.9	3209.5	3234.4	3233.8	3234.4	3209.5	3184.9	3149.9	3105.9	3055.5	2992.0
-20°	2996.9	3018.0	3044.6	3055.8	3044.6	3018.0	2996.9	2966.7	2915.0	2860.2	2795.2



REPORT NUMBER: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2779.6	2806.6	2825.9	2837.8	2825.9	2806.6	2779.6	2740.9	2695.3	2630.7	2573.3
-25°	2526.3	2554.0	2568.7	2573.9	2568.7	2554.0	2526.3	2496.8	2452.3	2389.9	2330.1
-27.5°	2246.3	2277.5	2292.6	2284.9	2292.6	2277.5	2246.3	2217.5	2168.6	2127.0	2068.9
-30°	1959.3	1979.2	1981.6	1998.9	1981.6	1979.2	1959.3	1937.6	1896.4	1856.6	1808.6
-32.5°	1676.1	1689.4	1681.8	1682.9	1681.8	1689.4	1676.1	1652.2	1618.9	1584.6	1551.7
-35°	1396.4	1407.1	1409.2	1428.9	1409.2	1407.1	1396.4	1384.0	1364.2	1326.9	1313.7
-37.5°	1171.6	1175.9	1169.3	1159.9	1169.3	1175.9	1171.6	1158.2	1145.3	1121.2	1111.7
-40°	980.9	984.2	981.8	976.9	981.8	984.2	980.9	971.4	971.0	959.0	946.1
-42.5°	843.8	843.8	841.6	841.0	841.6	843.8	843.8	837.3	835.6	825.0	808.3
-45°	742.5	743.5	743.4	743.0	743.4	743.5	742.5	737.8	734.7	727.4	713.8
-47.5°	663.9	664.1	663.0	661.0	663.0	664.1	663.9	660.5	655.7	649.1	638.6
-50°	594.2	594.2	595.6	598.0	595.6	594.2	594.2	591.9	588.2	583.4	575.6
-52.5°	535.5	535.3	536.1	537.0	536.1	535.3	535.5	533.7	530.4	526.2	519.7
-55°	481.7	481.4	480.6	479.0	480.6	481.4	481.7	480.4	477.5	473.2	466.9
-57.5°	430.2	429.6	428.3	426.0	428.3	429.6	430.2	429.2	426.4	422.9	418.7
-60°	381.2	381.4	380.7	379.0	380.7	381.4	381.2	379.9	377.6	375.9	373.2
-62.5°	336.5	335.8	335.7	335.0	335.7	335.8	336.5	336.2	334.8	333.1	330.5
-65°	294.6	293.9	294.2	294.0	294.2	293.9	294.6	294.4	293.2	291.7	290.0
-67.5°	255.2	255.0	255.2	255.0	255.2	255.0	255.2	254.7	253.5	252.3	251.2
-70°	218.9	219.0	217.8	216.0	217.8	219.0	218.9	218.3	217.2	216.0	214.9
-72.5°	182.9	182.2	182.3	182.0	182.3	182.2	182.9	183.0	182.6	181.7	180.5
-75°	148.8	148.4	149.3	150.0	149.3	148.4	148.8	148.8	148.6	148.2	148.1
-77.5°	118.4	117.6	118.4	119.0	118.4	117.6	118.4	119.0	119.3	119.2	119.1
-80°	92.0	91.7	91.4	91.0	91.4	91.7	92.0	92.1	92.0	91.8	92.0
-82.5°	68.1	67.7	67.4	67.0	67.4	67.7	68.1	68.4	68.4	68.4	68.2
-85°	43.1	42.8	43.5	44.0	43.5	42.8	43.1	43.3	43.3	43.3	43.4
-87.5°	19.8	19.9	19.5	19.0	19.5	19.9	19.8	19.7	19.5	19.3	19.3
-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: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-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°	14.1	14.8	15.4	15.5	15.6	15.6	15.6	15.5	15.3	15.1	14.9
85°	44.5	44.6	44.7	45.4	45.9	46.0	45.8	45.0	44.0	42.6	40.9
82.5°	86.3	86.1	85.7	86.6	87.0	86.9	86.3	84.6	82.4	79.7	76.4
80°	133.8	133.7	133.4	135.3	136.2	136.1	134.9	131.8	127.8	123.7	119.5
77.5°	192.0	193.3	193.8	195.7	196.1	195.1	192.1	187.4	183.4	178.1	171.0
75°	265.0	266.7	267.9	269.6	269.7	268.2	265.1	259.5	252.0	242.7	230.3
72.5°	351.1	353.3	354.0	354.0	352.2	350.2	345.7	338.2	328.4	316.3	299.9
70°	452.7	454.1	453.5	450.6	447.0	442.2	434.7	424.1	410.6	396.3	376.2
67.5°	572.2	570.7	566.6	560.9	554.9	545.8	533.9	518.6	503.0	485.1	458.0
65°	707.9	703.2	697.8	690.1	678.7	663.4	644.9	625.7	605.2	580.3	546.1
62.5°	861.0	845.8	840.5	833.1	818.6	797.4	774.7	750.3	719.8	684.1	649.7
60°	1039.2	1026.2	1013.2	996.0	974.7	948.3	919.6	886.5	848.9	809.2	763.2
57.5°	1231.6	1214.3	1201.0	1178.0	1145.1	1114.1	1078.1	1032.4	987.3	941.4	886.3
55°	1462.1	1438.2	1410.0	1377.9	1342.7	1302.5	1253.4	1200.0	1144.9	1081.6	1022.9
52.5°	1688.0	1666.8	1634.4	1588.4	1547.0	1505.0	1447.3	1384.7	1322.4	1256.8	1174.4
50°	1955.2	1922.9	1878.6	1825.1	1781.7	1724.5	1660.1	1584.2	1519.4	1444.3	1353.5
47.5°	2223.7	2202.6	2150.5	2088.4	2048.2	1981.7	1902.4	1817.5	1745.9	1643.8	1544.8
45°	2563.3	2525.0	2466.5	2413.1	2350.2	2276.4	2175.3	2094.1	1998.4	1886.9	1743.5
42.5°	2961.2	2905.9	2830.0	2785.1	2709.6	2612.4	2499.9	2397.6	2278.3	2147.9	1983.2
40°	3443.6	3352.3	3275.2	3203.0	3116.9	2988.6	2863.9	2727.8	2585.2	2424.7	2210.4
37.5°	3997.7	3900.9	3787.2	3667.8	3556.6	3410.2	3243.3	3083.0	2911.5	2670.2	2425.9
35°	4574.5	4464.1	4323.8	4179.0	4006.4	3801.2	3629.0	3439.9	3205.7	2892.6	2625.2
32.5°	5144.2	4962.8	4810.8	4654.5	4396.0	4142.8	3957.4	3789.4	3391.8	3068.6	2800.3
30°	5556.1	5326.6	5172.5	4958.5	4634.1	4403.5	4227.3	3878.6	3508.5	3191.3	2936.7
27.5°	5646.2	5476.3	5319.9	4998.8	4719.4	4515.4	4240.1	3884.7	3548.1	3249.6	3003.1
25°	5473.1	5318.0	5127.7	4860.7	4627.5	4417.9	4128.8	3806.9	3504.8	3241.7	2965.0
22.5°	5144.5	5002.6	4829.4	4621.1	4423.3	4209.5	3954.7	3675.7	3415.9	3169.6	2901.8
20°	4830.4	4702.8	4542.2	4377.1	4207.1	4004.4	3762.5	3534.4	3322.9	3084.4	2825.7
17.5°	4583.6	4451.7	4325.6	4182.4	4008.3	3801.1	3627.1	3439.1	3230.2	2993.2	2739.0
15°	4377.9	4278.5	4158.4	4007.5	3847.6	3700.1	3534.6	3342.4	3134.3	2894.7	2657.9
12.5°	4252.3	4146.1	4014.8	3896.7	3763.6	3609.2	3438.7	3242.6	3043.6	2843.0	2630.7
10°	4151.7	4051.2	3943.1	3818.8	3678.2	3518.1	3358.5	3188.1	3002.8	2805.9	2595.8
7.5°	4087.4	3983.6	3868.4	3747.3	3612.4	3468.5	3312.0	3142.5	2955.3	2758.8	2552.8
5°	4024.8	3921.5	3810.8	3694.5	3556.6	3413.0	3258.1	3088.1	2900.2	2701.8	2501.3
2.5°	3953.3	3855.5	3748.8	3632.5	3492.3	3349.0	3196.2	3024.1	2839.0	2648.4	2442.8
0°	3872.8	3782.8	3667.8	3550.8	3418.8	3278.8	3125.8	2949.8	2768.8	2588.9	2374.9
-2.5°	3796.3	3700.5	3594.3	3478.2	3351.7	3206.8	3054.7	2884.5	2699.6	2517.8	2308.5
-5°	3702.9	3609.8	3503.2	3381.9	3254.4	3111.4	2960.3	2795.8	2614.0	2434.2	2234.2
-7.5°	3582.6	3493.2	3392.4	3271.7	3141.6	2998.7	2845.9	2681.6	2504.5	2326.6	2132.3
-10°	3438.2	3343.0	3240.7	3128.1	3006.3	2871.3	2720.2	2556.1	2385.7	2208.5	2021.6
-12.5°	3268.8	3178.3	3075.8	2965.8	2845.7	2713.6	2573.7	2417.2	2257.9	2079.8	1902.6
-15°	3088.5	3008.9	2907.9	2792.8	2670.0	2545.0	2412.1	2262.9	2115.7	1941.5	1775.1
-17.5°	2915.7	2828.1	2728.5	2622.3	2499.2	2367.7	2239.2	2102.4	1960.1	1801.4	1649.1
-20°	2721.9	2633.2	2540.9	2438.7	2321.4	2194.8	2064.0	1933.4	1799.7	1661.5	1523.2



REPORT NUMBER: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2503.2	2425.6	2338.3	2241.6	2126.8	2008.0	1888.0	1764.7	1638.2	1519.2	1395.1
-25°	2268.6	2198.2	2112.4	2021.0	1919.6	1812.3	1707.2	1597.7	1488.8	1377.3	1267.2
-27.5°	2015.1	1949.8	1875.4	1795.3	1705.6	1618.5	1525.5	1431.1	1343.2	1244.8	1148.7
-30°	1755.2	1704.4	1640.6	1565.3	1502.8	1430.2	1345.8	1278.6	1202.5	1118.2	1040.0
-32.5°	1505.1	1464.1	1411.7	1361.6	1309.4	1251.3	1193.7	1131.4	1064.9	1004.9	940.9
-35°	1279.5	1245.4	1216.8	1179.2	1130.4	1091.9	1047.5	996.3	945.6	897.4	846.0
-37.5°	1093.8	1063.4	1042.1	1014.2	980.2	944.2	915.1	880.0	838.4	799.8	758.1
-40°	934.5	909.2	893.7	877.0	853.8	820.2	801.8	775.6	747.0	709.9	676.4
-42.5°	807.0	795.1	777.4	766.8	748.6	725.8	702.1	687.1	664.1	635.2	607.8
-45°	709.5	701.9	686.7	676.1	662.7	644.7	620.6	609.3	591.9	571.9	545.9
-47.5°	631.5	625.9	614.6	600.7	590.4	574.8	558.0	542.0	531.9	514.7	493.4
-50°	566.8	561.4	551.4	537.6	528.1	516.2	502.9	487.1	477.4	462.8	445.1
-52.5°	511.0	504.1	495.2	483.8	474.6	466.3	454.5	439.9	427.2	417.2	404.3
-55°	458.3	452.5	446.6	438.4	428.3	420.3	409.1	396.5	386.1	377.4	366.3
-57.5°	414.0	408.8	402.3	394.5	385.4	377.5	369.1	359.4	348.6	340.5	330.1
-60°	369.0	363.4	358.7	352.8	345.7	338.5	331.6	323.3	313.4	305.4	296.4
-62.5°	327.0	322.5	318.6	313.9	308.2	301.8	295.6	288.6	280.4	272.1	264.6
-65°	287.5	284.3	280.9	276.9	272.1	266.7	261.4	255.5	248.9	241.5	234.4
-67.5°	249.3	246.6	243.7	240.6	237.3	233.5	229.3	224.3	218.8	212.7	206.8
-70°	213.0	210.3	208.0	206.3	204.3	201.7	198.4	194.5	190.0	185.3	180.0
-72.5°	179.0	177.1	175.7	174.7	173.0	171.0	168.5	165.8	162.5	158.8	153.9
-75°	147.6	146.6	145.6	144.8	143.6	141.7	139.8	137.7	135.1	132.0	128.0
-77.5°	118.8	118.1	117.2	116.5	115.3	113.6	111.6	110.1	108.3	105.9	102.8
-80°	91.9	91.6	91.0	90.4	89.6	88.5	87.1	85.6	83.6	81.2	79.0
-82.5°	67.8	67.3	66.7	66.2	65.5	64.5	63.3	62.1	60.8	59.3	57.7
-85°	43.4	43.2	42.9	42.5	42.0	41.5	41.0	40.5	39.8	39.1	38.2
-87.5°	19.3	19.2	19.0	19.5	19.9	20.2	20.5	20.2	19.9	19.5	19.1
-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: P558778 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-WAF-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°	14.5	14.1	13.7	13.2	12.9	12.5	12.0	11.4	10.4	9.4	8.3
85°	38.8	36.4	33.7	30.8	28.0	25.0	24.0	22.8	20.8	18.8	16.7
82.5°	72.4	68.9	65.2	61.1	56.7	51.9	46.9	41.6	35.0	28.7	25.0
80°	114.3	108.4	102.0	94.9	87.1	78.8	72.0	64.5	55.2	46.3	37.7
77.5°	161.9	152.0	141.3	132.1	122.6	112.2	101.2	88.7	75.2	63.7	52.6
75°	215.0	202.5	189.6	175.6	160.7	145.7	132.5	117.2	99.0	81.3	67.2
72.5°	281.1	261.7	241.7	221.2	203.3	185.0	166.1	145.4	124.0	103.1	82.8
70°	351.8	325.1	300.0	275.3	249.6	224.2	202.2	176.6	148.6	124.5	101.2
67.5°	427.2	398.0	366.1	331.1	300.1	270.0	239.2	208.2	176.8	145.6	119.3
65°	512.7	475.8	435.9	397.5	356.5	316.3	281.8	240.9	204.4	170.0	136.9
62.5°	606.7	558.5	515.2	466.9	418.9	371.5	323.0	276.9	232.4	193.8	156.6
60°	713.3	660.4	599.6	545.5	487.6	429.5	371.9	311.8	263.1	217.0	176.7
57.5°	830.4	768.3	703.2	631.7	563.8	495.1	420.7	351.6	292.8	242.1	196.0
55°	952.9	883.1	809.6	730.9	647.1	567.8	472.0	392.4	322.8	267.0	214.0
52.5°	1090.1	1006.6	921.8	833.2	740.8	638.4	529.0	430.8	356.4	290.8	233.1
50°	1248.1	1143.8	1043.1	941.2	835.8	712.6	582.2	476.7	388.0	314.9	251.3
47.5°	1428.4	1301.8	1177.0	1054.6	938.1	781.5	640.8	520.5	417.4	340.5	268.2
45°	1615.1	1475.6	1324.5	1182.9	1021.2	851.3	697.9	560.9	452.9	362.8	283.8
42.5°	1802.5	1651.6	1489.3	1312.3	1106.5	917.4	750.0	606.3	485.7	383.3	300.2
40°	2010.7	1826.9	1653.8	1432.6	1184.1	977.5	803.6	648.8	515.2	404.0	316.5
37.5°	2209.2	2006.0	1815.7	1524.3	1255.1	1039.0	852.6	686.8	542.1	426.3	331.4
35°	2394.5	2179.6	1897.2	1599.0	1325.5	1091.1	895.9	722.7	570.7	445.9	344.8
32.5°	2563.5	2290.8	1959.8	1657.2	1381.4	1133.7	935.3	754.7	595.2	462.9	356.6
30°	2678.7	2332.4	2002.7	1699.3	1423.0	1174.9	967.4	781.1	615.6	477.2	367.6
27.5°	2684.7	2351.8	2025.7	1725.5	1451.6	1205.1	991.7	802.2	631.9	490.6	378.9
25°	2663.7	2343.3	2029.1	1735.3	1466.8	1229.9	1010.4	818.0	646.8	503.5	388.2
22.5°	2614.5	2313.1	2013.8	1728.7	1483.5	1246.9	1025.9	831.5	658.9	513.3	395.5
20°	2552.3	2264.1	1988.1	1735.1	1491.9	1257.9	1037.5	840.3	666.7	519.9	400.7
17.5°	2476.2	2225.2	1983.7	1733.9	1491.9	1261.1	1042.7	844.3	670.4	523.5	404.0
15°	2441.1	2209.9	1970.7	1724.7	1483.7	1256.9	1041.8	843.8	670.2	524.3	406.2
12.5°	2413.0	2185.9	1949.6	1707.4	1467.5	1245.5	1034.9	838.8	666.2	524.2	407.9
10°	2377.4	2153.2	1920.4	1682.2	1443.8	1227.3	1022.3	831.2	664.2	523.4	408.0
7.5°	2334.0	2111.8	1883.1	1649.2	1415.2	1207.0	1009.4	822.7	660.0	520.3	406.6
5°	2283.6	2066.2	1843.1	1617.6	1393.5	1185.4	992.4	810.1	652.9	515.1	403.8
2.5°	2229.1	2019.1	1798.3	1579.3	1366.0	1158.6	970.7	793.7	643.2	508.0	399.5
0°	2165.9	1963.9	1745.9	1533.9	1332.9	1126.9	944.9	774.0	631.0	499.0	394.0
-2.5°	2110.4	1903.3	1689.5	1484.6	1284.6	1088.9	916.8	754.2	617.4	490.2	388.2
-5°	2045.8	1834.9	1626.4	1429.0	1231.2	1047.0	885.2	731.8	601.7	479.8	381.3
-7.5°	1951.0	1751.2	1554.6	1366.5	1173.5	1001.7	850.8	707.1	584.0	468.0	373.3
-10°	1844.2	1656.5	1473.2	1295.9	1117.4	957.1	814.4	680.5	564.5	454.9	364.4
-12.5°	1731.2	1556.7	1387.4	1221.9	1059.6	913.0	779.5	654.4	543.8	440.6	354.5
-15°	1613.0	1452.7	1297.7	1145.3	999.9	866.8	743.0	627.8	523.4	425.9	343.9
-17.5°	1492.6	1345.2	1204.9	1067.1	938.9	818.7	705.1	599.8	501.9	411.3	333.3
-20°	1382.7	1244.9	1110.3	987.9	877.5	769.2	666.4	570.6	479.4	395.9	322.5



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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°	1273.2	1152.2	1030.8	914.3	817.2	718.6	627.2	540.6	456.2	379.7	310.9
-25°	1164.1	1060.2	953.1	853.2	758.8	671.7	589.3	509.8	432.3	363.0	298.7
-27.5°	1061.4	970.4	875.2	791.9	707.7	625.4	552.8	480.6	409.2	345.9	285.8
-30°	963.3	884.7	805.2	731.9	657.2	585.2	516.2	451.5	388.2	329.3	272.3
-32.5°	872.8	800.2	738.5	676.3	610.7	545.2	482.2	422.5	367.0	312.8	259.8
-35°	788.7	727.9	673.6	622.4	565.9	508.9	451.2	393.8	345.8	295.7	247.4
-37.5°	708.5	663.8	617.4	571.8	521.3	473.3	421.9	370.1	324.8	278.3	234.7
-40°	642.6	604.5	565.7	523.9	481.7	438.5	392.6	347.7	304.2	260.4	221.8
-42.5°	579.8	550.2	516.7	477.4	445.0	406.4	363.7	324.9	284.4	244.4	208.8
-45°	524.0	498.8	470.3	440.8	409.8	374.5	338.1	301.8	264.5	229.3	196.1
-47.5°	471.3	452.6	429.4	404.8	376.1	343.9	312.4	279.9	244.7	214.2	184.0
-50°	427.0	410.8	392.2	369.8	343.2	315.9	287.1	258.0	228.0	199.3	171.7
-52.5°	388.5	373.1	356.4	335.8	313.1	287.8	263.7	236.5	211.0	184.9	159.1
-55°	352.3	337.2	322.0	304.3	284.0	262.8	240.7	217.5	193.7	170.5	146.5
-57.5°	318.2	303.5	290.4	274.5	257.4	239.0	219.0	198.2	177.2	155.9	135.3
-60°	285.3	273.4	260.4	247.4	232.6	215.8	197.9	179.3	160.7	141.5	124.0
-62.5°	255.2	244.4	233.7	221.9	208.2	193.1	176.9	161.1	144.1	128.5	112.5
-65°	226.8	217.9	207.8	196.6	184.1	170.9	157.3	142.8	129.1	115.4	100.9
-67.5°	199.8	191.6	181.7	171.4	161.5	150.4	137.7	126.1	114.5	102.1	89.5
-70°	173.4	165.4	157.1	149.3	140.4	130.2	120.1	110.0	99.7	89.4	78.0
-72.5°	147.9	141.6	135.0	127.9	120.2	111.8	102.9	94.1	85.9	76.7	66.5
-75°	123.2	118.3	113.2	107.4	100.7	93.5	86.5	79.4	72.1	63.9	56.3
-77.5°	99.4	95.6	91.6	87.4	82.2	76.7	70.8	64.7	58.7	52.8	46.4
-80°	76.9	74.5	71.8	68.6	64.3	59.8	55.6	51.3	46.7	41.8	36.6
-82.5°	56.1	54.4	52.5	50.3	47.4	44.4	41.4	38.2	34.6	30.8	27.0
-85°	37.1	35.8	34.3	32.6	30.8	29.0	27.2	25.3	22.9	20.5	18.0
-87.5°	18.4	17.7	16.9	16.1	15.3	14.5	13.6	12.7	11.5	10.3	9.0
-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°	7.2	6.1	4.9	3.8	2.5	1.2	0.0
85°	14.5	12.2	9.9	7.5	5.0	2.5	0.0
82.5°	21.7	18.3	14.8	11.2	7.6	3.7	0.0
80°	29.5	24.4	19.7	14.9	10.1	4.9	0.0
77.5°	41.9	31.8	24.6	18.6	12.5	6.2	0.0
75°	54.1	41.7	29.9	22.3	15.0	7.4	0.0
72.5°	66.2	51.4	37.5	25.9	17.4	8.6	0.0
70°	78.5	61.0	44.9	29.8	19.8	9.7	0.0
67.5°	93.5	70.3	52.1	35.1	22.1	10.9	0.0
65°	108.1	80.7	59.2	40.3	24.4	12.0	0.0
62.5°	122.2	92.0	66.2	45.3	26.7	13.1	0.0
60°	135.7	103.0	72.9	50.2	28.8	14.2	0.0
57.5°	151.1	113.5	80.9	55.0	31.9	15.3	0.0
55°	166.0	123.5	88.7	59.6	34.9	16.3	0.0
52.5°	180.1	133.4	96.2	64.0	37.8	17.3	0.0
50°	193.4	144.2	103.3	68.3	40.7	18.2	0.0
47.5°	206.1	154.4	110.1	72.5	43.4	19.2	0.0
45°	219.3	163.9	116.4	77.3	45.9	20.0	0.0
42.5°	231.5	172.6	122.3	81.7	48.4	20.9	0.0
40°	242.6	180.7	128.3	86.0	50.8	21.7	0.0
37.5°	252.6	188.1	134.4	90.0	53.0	22.5	0.0
35°	261.6	195.4	139.8	93.8	55.1	23.2	0.0
32.5°	270.2	202.3	144.8	97.2	57.0	23.8	0.0
30°	279.4	208.3	149.2	100.5	58.9	24.5	0.0
27.5°	287.3	213.5	153.4	103.4	60.5	25.0	0.0
25°	294.1	217.9	157.1	106.1	62.1	25.6	0.0
22.5°	299.6	221.7	160.3	108.5	63.5	26.0	0.0
20°	303.8	225.5	163.0	110.6	64.7	26.5	0.0
17.5°	307.7	228.6	165.1	112.4	65.8	26.8	0.0
15°	310.8	231.0	166.8	113.9	66.7	27.2	0.0
12.5°	312.7	232.8	168.0	115.1	67.5	27.4	0.0
10°	313.4	234.0	168.6	116.1	68.1	27.7	0.0
7.5°	313.1	234.5	168.9	116.7	68.6	27.8	0.0
5°	311.7	234.3	168.7	117.1	68.9	27.9	0.0
2.5°	309.3	233.5	168.0	117.2	69.0	28.0	0.0
0°	306.0	232.0	167.0	117.0	69.0	28.0	0.0
-2.5°	302.5	229.8	166.2	116.5	68.8	28.0	0.0
-5°	298.2	227.0	165.0	115.7	68.5	28.0	0.0
-7.5°	293.0	223.7	163.4	114.6	68.0	28.0	0.0
-10°	287.1	219.8	161.5	113.3	67.4	27.8	0.0
-12.5°	280.5	215.5	159.2	111.7	66.7	27.7	0.0
-15°	273.3	210.7	156.5	109.9	65.8	27.4	0.0
-17.5°	265.4	205.6	153.5	107.8	64.7	27.1	0.0
-20°	257.2	200.0	150.2	105.6	63.6	26.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	249.0	194.2	146.5	103.1	62.3	26.4	0.0
-25°	240.3	188.3	142.5	100.3	60.9	25.9	0.0
-27.5°	231.1	182.2	138.1	97.4	59.3	25.4	0.0
-30°	221.6	175.7	133.5	94.3	57.7	24.9	0.0
-32.5°	211.7	168.8	128.7	91.0	55.9	24.3	0.0
-35°	202.4	161.6	123.7	87.5	54.0	23.6	0.0
-37.5°	193.2	154.4	118.4	83.9	52.1	22.9	0.0
-40°	183.7	147.4	112.9	80.1	50.0	22.2	0.0
-42.5°	173.9	140.2	107.4	76.2	47.8	21.4	0.0
-45°	163.8	132.8	102.0	72.1	45.6	20.5	0.0
-47.5°	153.4	125.1	96.4	67.9	43.3	19.7	0.0
-50°	143.9	117.3	90.5	64.1	40.9	18.7	0.0
-52.5°	134.4	109.3	84.5	60.4	38.4	17.8	0.0
-55°	124.8	101.6	78.4	56.5	35.9	16.8	0.0
-57.5°	115.0	93.7	72.0	52.6	33.2	15.7	0.0
-60°	105.1	85.7	65.6	48.6	30.6	14.6	0.0
-62.5°	95.4	77.6	60.2	44.5	28.3	13.5	0.0
-65°	85.6	69.3	54.6	40.3	25.9	12.4	0.0
-67.5°	75.6	61.6	49.0	36.0	23.5	11.2	0.0
-70°	65.6	54.5	43.3	31.6	21.1	10.1	0.0
-72.5°	56.9	47.4	37.5	27.7	18.5	8.8	0.0
-75°	48.3	40.1	31.6	23.8	16.0	7.6	0.0
-77.5°	39.7	32.8	26.3	19.9	13.4	6.4	0.0
-80°	31.1	26.1	21.1	16.0	10.7	5.1	0.0
-82.5°	23.2	19.6	15.8	12.0	8.1	3.8	0.0
-85°	15.5	13.1	10.6	8.0	5.4	2.6	0.0
-87.5°	7.8	6.5	5.3	4.0	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)