

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: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558682 (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-SA2C-940-U-WAF-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

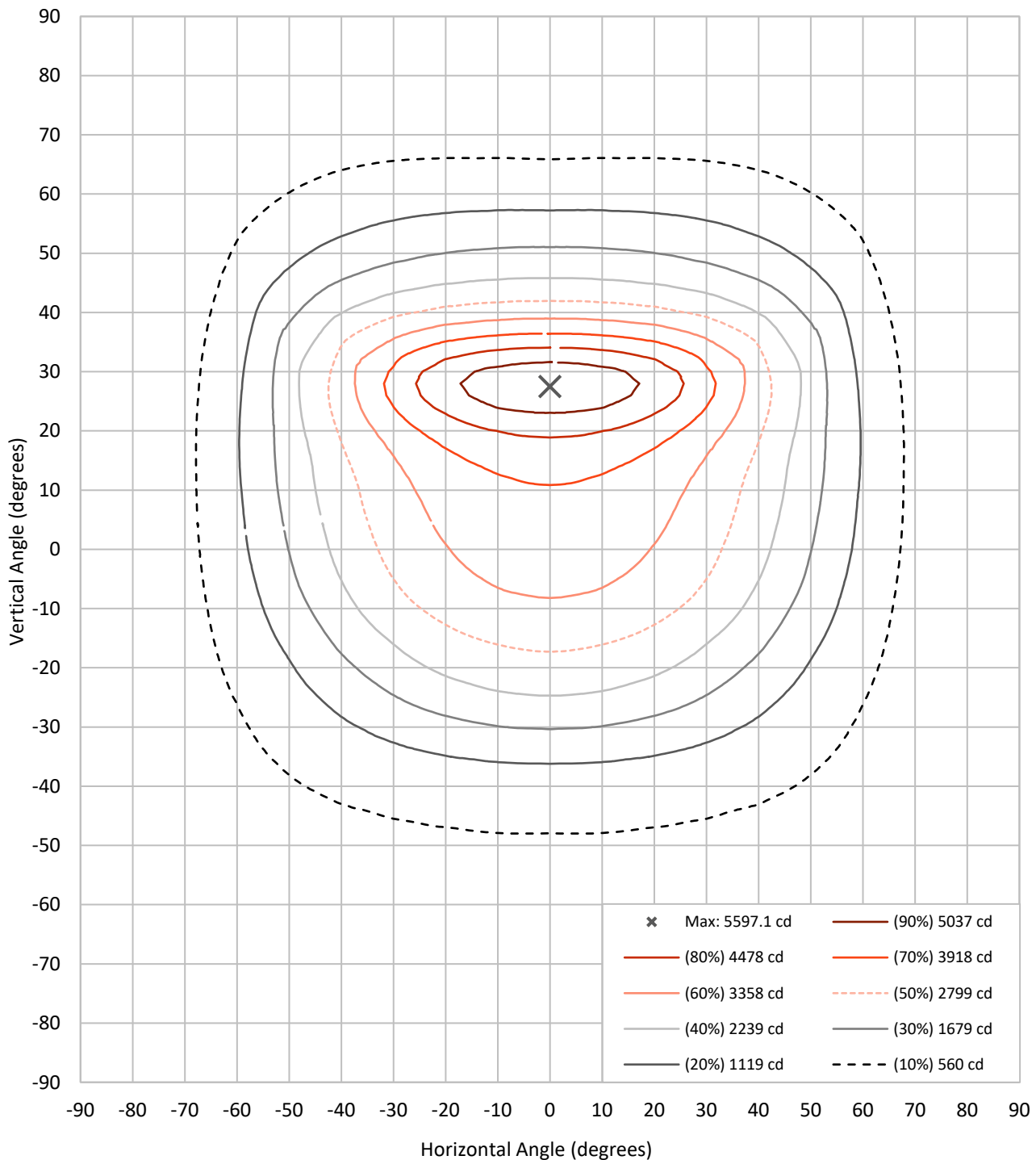
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8159.7 lumens	Max Intensity:	5597.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	98.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	4240.6 lumens	Field Lumens:	7548.4 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	83		
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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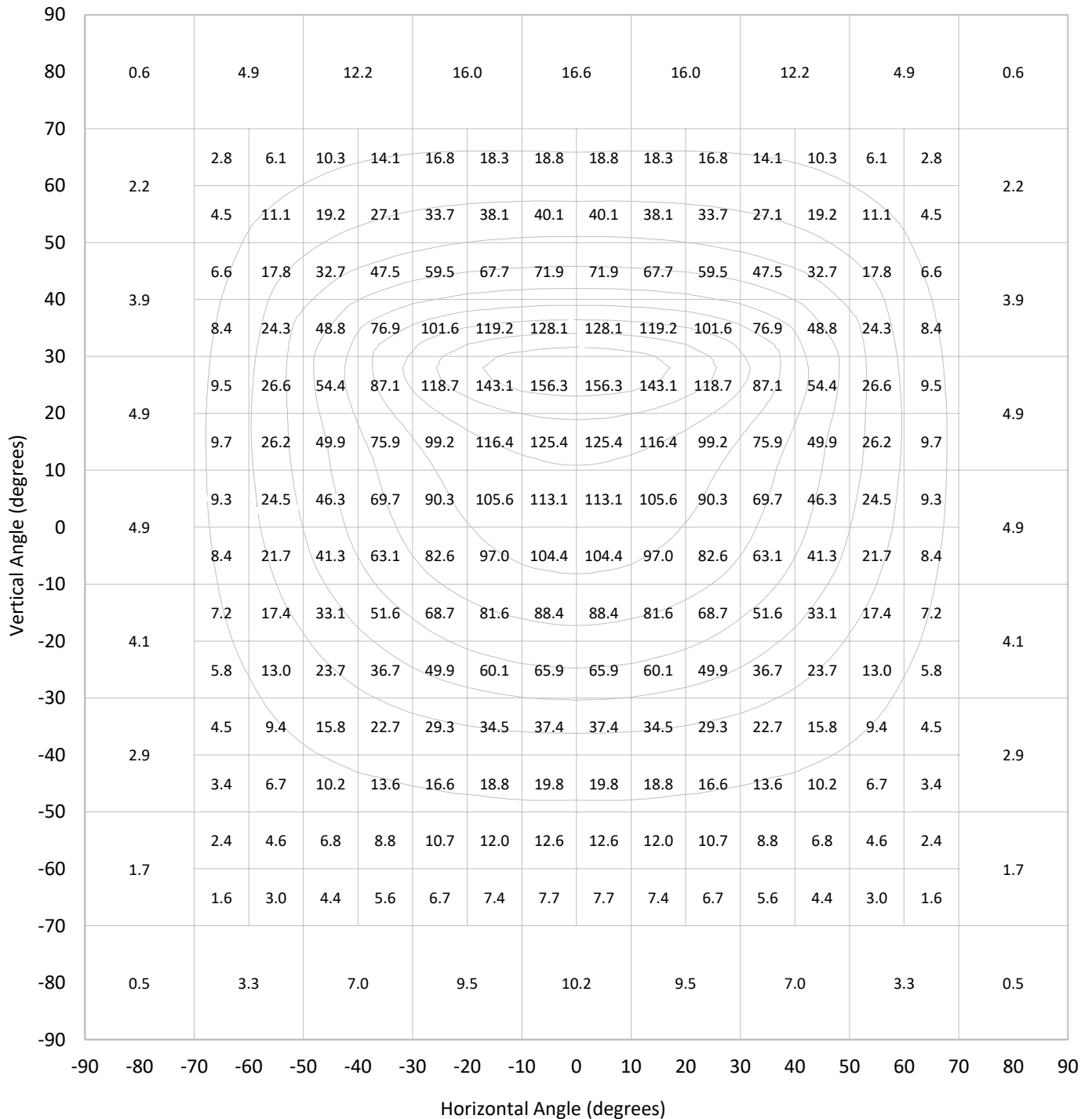
### Iso-Candela Plot





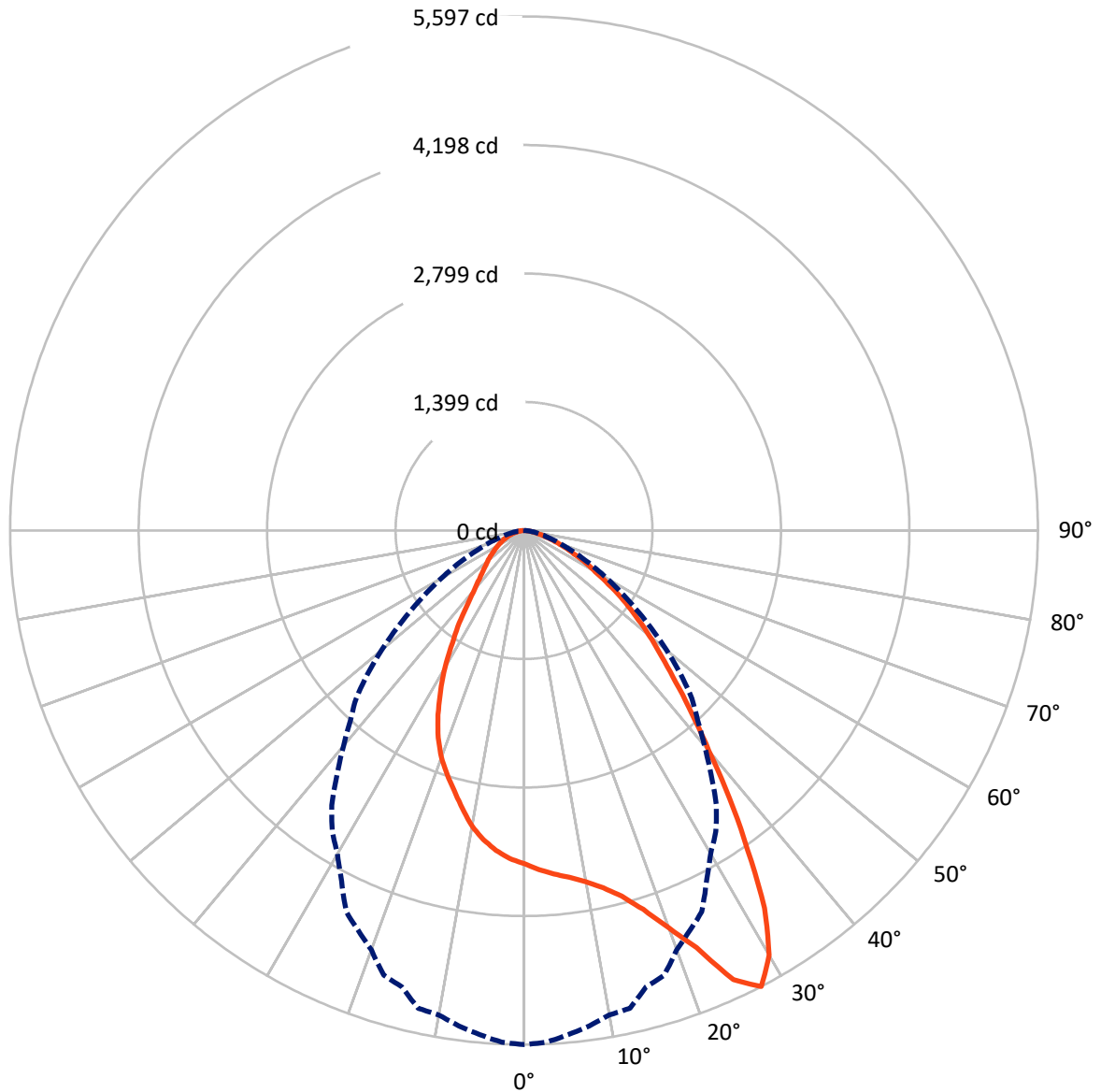
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### Lumen Table



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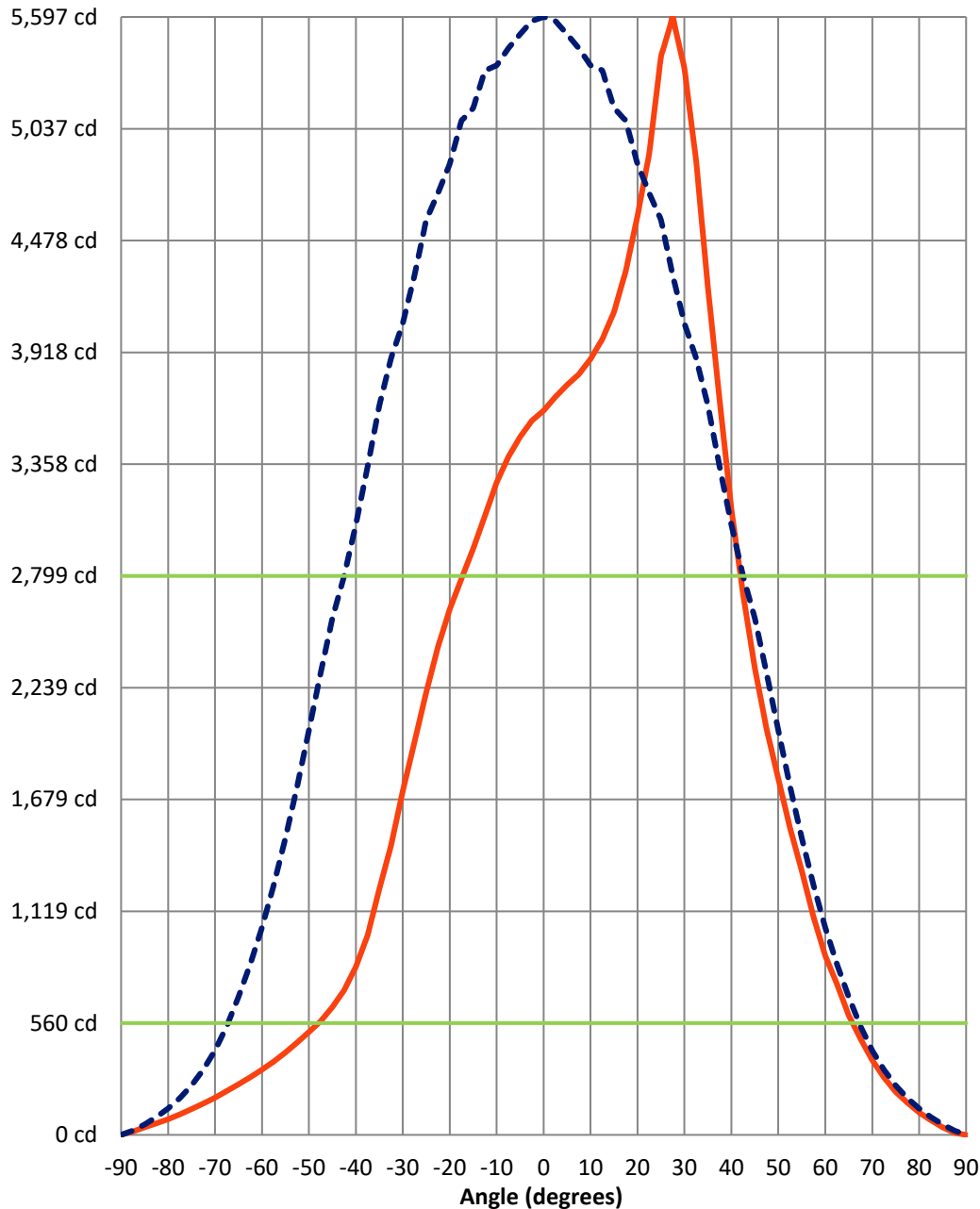
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 4240.6  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 7548.4  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 611.3  
 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	1.1	2.2	3.2	4.3	5.3	6.2	7.2	8.1	9.0	9.8
85°	0.0	2.1	4.4	6.5	8.5	10.5	12.5	14.3	16.2	17.9	19.6
82.5°	0.0	3.2	6.5	9.7	12.8	15.8	18.7	21.5	24.7	30.1	35.7
80°	0.0	4.3	8.7	12.9	17.0	21.0	25.4	32.5	39.8	47.5	55.5
77.5°	0.0	5.3	10.8	16.1	21.2	27.3	36.1	45.2	54.8	64.8	76.3
75°	0.0	6.3	12.9	19.2	25.8	35.9	46.6	57.9	70.0	85.3	100.9
72.5°	0.0	7.4	15.0	22.3	32.3	44.2	57.0	71.3	88.8	106.8	125.2
70°	0.0	8.4	17.0	25.7	38.6	52.5	67.5	87.1	107.2	127.9	152.1
67.5°	0.0	9.4	19.1	30.2	44.9	60.5	80.5	102.7	125.4	152.2	179.3
65°	0.0	10.4	21.0	34.7	51.0	69.5	93.0	117.9	146.4	176.0	207.4
62.5°	0.0	11.3	23.0	39.0	57.0	79.2	105.2	134.8	166.8	200.1	238.4
60°	0.0	12.2	24.9	43.3	62.7	88.6	116.9	152.1	186.8	226.6	268.4
57.5°	0.0	13.1	27.5	47.3	69.7	97.7	130.1	168.8	208.5	252.1	302.7
55°	0.0	14.0	30.1	51.3	76.4	106.3	142.9	184.3	229.9	277.9	337.8
52.5°	0.0	14.9	32.6	55.1	82.8	114.8	155.1	200.7	250.4	306.9	370.9
50°	0.0	15.7	35.0	58.8	88.9	124.1	166.5	216.3	271.1	334.1	410.4
47.5°	0.0	16.5	37.3	62.4	94.7	132.9	177.4	230.9	293.2	359.4	448.2
45°	0.0	17.3	39.6	66.5	100.2	141.1	188.8	244.3	312.4	390.0	482.9
42.5°	0.0	18.0	41.7	70.3	105.3	148.6	199.3	258.4	330.0	418.2	521.9
40°	0.0	18.7	43.7	74.0	110.5	155.6	208.9	272.5	347.8	443.5	558.6
37.5°	0.0	19.3	45.6	77.4	115.6	161.9	217.5	285.3	367.0	466.7	591.3
35°	0.0	20.0	47.4	80.7	120.4	168.2	225.2	296.8	384.0	491.4	622.2
32.5°	0.0	20.5	49.1	83.7	124.6	174.1	232.6	307.0	398.6	512.5	649.7
30°	0.0	21.1	50.7	86.5	128.4	179.3	240.5	316.5	410.9	530.0	672.6
27.5°	0.0	21.6	52.1	89.0	132.1	183.8	247.4	326.3	422.3	544.0	690.7
25°	0.0	22.0	53.4	91.3	135.3	187.5	253.2	334.3	433.5	556.9	704.3
22.5°	0.0	22.4	54.6	93.4	138.0	190.8	257.9	340.5	441.9	567.3	716.0
20°	0.0	22.8	55.7	95.2	140.3	194.1	261.6	345.0	447.6	574.0	723.5
17.5°	0.0	23.1	56.6	96.7	142.2	196.8	264.9	347.8	450.7	577.2	726.9
15°	0.0	23.4	57.4	98.0	143.6	198.9	267.6	349.8	451.4	577.0	726.5
12.5°	0.0	23.6	58.1	99.1	144.6	200.4	269.2	351.2	451.3	573.5	722.1
10°	0.0	23.8	58.6	99.9	145.2	201.4	269.9	351.3	450.6	571.8	715.6
7.5°	0.0	24.0	59.0	100.5	145.4	201.8	269.6	350.1	447.9	568.2	708.3
5°	0.0	24.0	59.3	100.8	145.2	201.7	268.4	347.6	443.5	562.2	697.4
2.5°	0.0	24.1	59.4	100.9	144.7	201.0	266.3	344.0	437.3	553.8	683.3
0°	0.0	24.1	59.4	100.7	143.8	199.7	263.5	339.2	429.6	543.3	666.4
-2.5°	0.0	24.1	59.3	100.2	143.1	197.8	260.5	334.2	422.0	531.6	649.3
-5°	0.0	24.1	59.0	99.6	142.1	195.4	256.7	328.3	413.1	518.0	630.1
-7.5°	0.0	24.1	58.6	98.6	140.7	192.6	252.3	321.4	402.9	502.8	608.8
-10°	0.0	24.0	58.1	97.5	139.1	189.2	247.3	313.7	391.6	486.0	585.9
-12.5°	0.0	23.8	57.4	96.2	137.1	185.5	241.6	305.2	379.3	468.2	563.5
-15°	0.0	23.6	56.6	94.6	134.8	181.4	235.3	296.1	366.7	450.6	540.5
-17.5°	0.0	23.4	55.7	92.8	132.2	177.0	228.5	286.9	354.1	432.1	516.4
-20°	0.0	23.1	54.7	90.9	129.3	172.2	221.5	277.6	340.8	412.7	491.3



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 CATALOG NUMBER: GFLD-SA2C-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	22.7	53.6	88.7	126.1	167.2	214.4	267.7	326.9	392.7	465.4
-25°	0.0	22.3	52.4	86.4	122.7	162.1	206.9	257.2	312.6	372.2	438.9
-27.5°	0.0	21.9	51.1	83.9	118.9	156.9	199.0	246.1	297.8	352.3	413.8
-30°	0.0	21.4	49.6	81.2	115.0	151.3	190.8	234.5	283.5	334.2	388.7
-32.5°	0.0	20.9	48.1	78.4	110.8	145.4	182.2	223.7	269.3	316.0	363.8
-35°	0.0	20.4	46.5	75.4	106.5	139.2	174.3	213.0	254.6	297.8	339.1
-37.5°	0.0	19.7	44.8	72.3	102.0	133.0	166.4	202.1	239.6	279.6	318.7
-40°	0.0	19.1	43.1	69.0	97.2	127.0	158.2	191.0	224.3	262.0	299.4
-42.5°	0.0	18.4	41.2	65.6	92.5	120.7	149.7	179.7	210.4	244.9	279.7
-45°	0.0	17.7	39.3	62.1	87.8	114.3	141.1	168.8	197.4	227.8	259.9
-47.5°	0.0	16.9	37.3	58.5	83.0	107.8	132.1	158.4	184.4	210.7	241.0
-50°	0.0	16.1	35.2	55.2	78.0	101.0	123.9	147.8	171.5	196.3	222.1
-52.5°	0.0	15.3	33.1	52.0	72.8	94.1	115.8	137.0	159.1	181.7	203.7
-55°	0.0	14.4	30.9	48.7	67.5	87.5	107.4	126.2	146.8	166.8	187.3
-57.5°	0.0	13.5	28.6	45.3	62.0	80.7	99.0	116.5	134.2	152.5	170.7
-60°	0.0	12.6	26.3	41.8	56.5	73.8	90.5	106.8	121.8	138.4	154.3
-62.5°	0.0	11.7	24.4	38.3	51.8	66.8	82.2	96.9	110.7	124.1	138.7
-65°	0.0	10.7	22.3	34.7	47.0	59.6	73.7	86.9	99.3	111.2	122.9
-67.5°	0.0	9.7	20.3	31.0	42.2	53.0	65.1	77.1	87.9	98.6	108.6
-70°	0.0	8.7	18.1	27.2	37.3	46.9	56.4	67.2	77.0	85.9	94.7
-72.5°	0.0	7.6	16.0	23.8	32.3	40.8	49.0	57.2	66.0	73.9	81.0
-75°	0.0	6.6	13.8	20.5	27.2	34.5	41.6	48.4	55.0	62.0	68.4
-77.5°	0.0	5.5	11.5	17.2	22.6	28.3	34.2	40.0	45.4	50.5	55.7
-80°	0.0	4.4	9.2	13.8	18.2	22.4	26.7	31.5	36.0	40.2	44.1
-82.5°	0.0	3.3	7.0	10.3	13.6	16.9	20.0	23.2	26.5	29.8	32.9
-85°	0.0	2.2	4.6	6.9	9.1	11.3	13.3	15.5	17.6	19.7	21.8
-87.5°	0.0	1.1	2.3	3.5	4.6	5.6	6.7	7.8	8.8	9.9	10.9
-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: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	10.3	10.8	11.1	11.4	11.8	12.2	12.5	12.8	13.0	13.2	13.4
85°	20.6	21.5	24.1	26.5	29.0	31.3	33.4	35.2	36.7	37.9	38.8
82.5°	40.4	44.7	48.8	52.6	56.1	59.3	62.3	65.8	68.6	70.9	72.8
80°	61.9	67.8	75.0	81.7	87.8	93.3	98.4	102.9	106.5	110.0	113.5
77.5°	87.1	96.6	105.5	113.7	121.6	130.9	139.4	147.2	153.3	157.9	161.4
75°	114.1	125.4	138.4	151.2	163.2	174.3	185.1	198.2	208.9	217.0	223.4
72.5°	143.0	159.2	175.1	190.4	208.1	225.3	242.0	258.1	272.3	282.7	291.1
70°	174.1	193.0	214.9	237.0	258.3	279.9	302.9	323.9	341.2	353.5	365.2
67.5°	206.0	232.5	258.4	285.0	315.2	342.6	367.7	394.3	417.6	433.0	446.5
65°	242.7	272.4	306.9	342.2	375.3	409.6	441.4	470.1	499.6	521.0	538.7
62.5°	278.1	319.9	360.7	402.0	443.6	480.9	522.4	559.3	589.0	619.7	646.0
60°	320.2	369.8	419.8	469.6	516.2	568.6	614.1	657.1	696.7	730.9	763.2
57.5°	362.2	426.2	485.4	543.9	605.5	661.5	715.0	763.2	810.6	850.1	888.9
55°	406.4	488.8	557.1	629.3	697.1	760.4	820.5	880.8	931.3	985.8	1033.2
52.5°	455.4	549.6	637.8	717.3	793.7	866.8	938.6	1011.2	1082.1	1138.6	1192.2
50°	501.2	613.5	719.6	810.4	898.2	984.8	1074.6	1165.4	1243.6	1308.2	1364.1
47.5°	551.7	672.9	807.7	908.1	1013.4	1120.9	1229.9	1330.1	1415.3	1503.3	1564.9
45°	600.8	733.0	879.3	1018.5	1140.4	1270.5	1390.6	1501.2	1624.7	1720.7	1803.0
42.5°	645.7	789.9	952.8	1130.0	1282.4	1422.0	1552.0	1707.6	1849.4	1961.7	2064.4
40°	691.9	841.7	1019.6	1233.5	1423.9	1573.0	1731.2	1903.2	2087.7	2225.8	2348.7
37.5°	734.1	894.7	1080.7	1312.5	1563.3	1727.2	1902.1	2088.7	2299.1	2506.9	2654.5
35°	771.5	939.5	1141.3	1376.8	1633.5	1876.6	2061.7	2260.3	2490.6	2760.2	2961.9
32.5°	805.4	976.1	1189.4	1426.9	1687.4	1972.4	2207.2	2411.1	2642.1	2920.4	3262.8
30°	832.9	1011.6	1225.2	1463.1	1724.3	2008.2	2306.4	2528.5	2747.8	3020.8	3339.5
27.5°	853.9	1037.6	1249.9	1485.7	1744.1	2024.9	2311.6	2585.7	2798.0	3054.9	3344.7
25°	869.9	1058.9	1263.0	1494.1	1747.0	2017.6	2293.5	2552.9	2791.2	3017.7	3277.8
22.5°	883.3	1073.6	1277.3	1488.4	1733.9	1991.6	2251.1	2498.5	2729.0	2941.1	3164.8
20°	893.3	1083.0	1284.5	1494.0	1711.7	1949.4	2197.6	2433.0	2655.7	2861.1	3043.1
17.5°	897.8	1085.8	1284.5	1492.9	1708.0	1915.9	2132.0	2358.2	2577.2	2781.2	2961.1
15°	897.0	1082.2	1277.5	1485.0	1696.8	1902.8	2101.8	2288.5	2492.4	2698.7	2877.9
12.5°	891.0	1072.4	1263.6	1470.1	1678.6	1882.1	2077.6	2265.0	2447.8	2620.6	2792.0
10°	880.2	1056.8	1243.1	1448.4	1653.5	1853.9	2046.9	2234.9	2415.9	2585.5	2745.1
7.5°	869.1	1039.2	1218.6	1420.0	1621.4	1818.3	2009.5	2197.9	2375.4	2544.6	2705.7
5°	854.4	1020.7	1199.8	1392.8	1586.9	1779.0	1966.2	2153.6	2326.3	2497.1	2658.9
2.5°	835.8	997.6	1176.2	1359.8	1548.3	1738.4	1919.3	2103.2	2280.3	2444.4	2603.8
0°	813.6	970.3	1147.7	1320.7	1503.2	1690.9	1864.9	2044.8	2229.0	2384.0	2539.8
-2.5°	789.4	937.6	1106.1	1278.3	1454.6	1638.7	1817.1	1987.6	2167.8	2324.5	2483.6
-5°	762.2	901.5	1060.1	1230.4	1400.4	1579.8	1761.5	1923.6	2095.8	2250.7	2407.2
-7.5°	732.5	862.5	1010.4	1176.6	1338.5	1507.8	1679.8	1835.9	2003.2	2156.4	2308.9
-10°	701.2	824.0	962.1	1115.8	1268.5	1426.2	1587.8	1740.6	1901.5	2054.1	2200.8
-12.5°	671.2	786.1	912.3	1052.1	1194.6	1340.3	1490.6	1638.1	1790.7	1944.1	2081.2
-15°	639.7	746.3	860.9	986.1	1117.4	1250.8	1388.8	1528.4	1671.6	1821.6	1948.3
-17.5°	607.1	704.9	808.4	918.8	1037.5	1158.3	1285.2	1419.9	1551.0	1687.6	1810.2
-20°	573.8	662.3	755.5	850.6	956.0	1071.9	1190.6	1311.5	1430.6	1549.6	1664.7



REPORT NUMBER: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	540.0	618.8	703.6	787.2	887.5	992.1	1096.3	1201.3	1308.1	1410.6	1519.4
-25°	507.4	578.3	653.3	734.6	820.7	912.9	1002.4	1091.1	1185.9	1281.9	1375.6
-27.5°	476.0	538.5	609.3	681.8	753.5	835.6	913.9	989.1	1071.8	1156.5	1232.2
-30°	444.5	503.9	565.8	630.2	693.3	761.8	829.5	895.5	962.8	1035.4	1101.0
-32.5°	415.2	469.4	525.9	582.3	635.8	688.9	751.6	810.1	865.2	916.9	974.2
-35°	388.5	438.2	487.2	535.9	580.0	626.7	679.1	728.4	772.6	814.1	857.9
-37.5°	363.3	407.5	448.8	492.3	531.5	571.5	610.0	652.8	688.6	721.7	757.7
-40°	338.0	377.6	414.8	451.1	487.0	520.4	553.3	582.3	611.2	643.1	667.8
-42.5°	313.1	349.9	383.1	411.0	444.9	473.7	499.2	523.3	546.9	571.8	591.6
-45°	291.2	322.5	352.8	379.5	404.9	429.5	451.1	470.0	492.4	509.6	524.6
-47.5°	269.0	296.1	323.9	348.5	369.7	389.7	405.8	424.8	443.1	457.9	466.6
-50°	247.2	272.0	295.5	318.4	337.7	353.7	367.6	383.2	398.5	411.1	419.4
-52.5°	227.1	247.7	269.6	289.1	306.9	321.2	334.4	348.0	359.2	367.8	378.8
-55°	207.2	226.3	244.5	262.0	277.2	290.3	303.3	315.4	325.0	332.4	341.4
-57.5°	188.6	205.8	221.6	236.4	250.0	261.3	273.9	284.2	293.1	300.1	309.4
-60°	170.4	185.8	200.2	213.0	224.3	235.4	245.7	255.1	262.9	269.8	278.3
-62.5°	152.4	166.3	179.2	191.0	201.2	210.4	219.7	227.8	234.2	241.4	248.5
-65°	135.4	147.2	158.5	169.3	178.8	187.6	195.3	201.8	207.9	214.3	220.0
-67.5°	118.5	129.5	139.0	147.6	156.4	164.9	172.0	178.0	183.1	188.3	193.1
-70°	103.4	112.1	120.8	128.6	135.3	142.4	149.3	155.0	159.5	163.6	167.4
-72.5°	88.6	96.3	103.5	110.1	116.3	122.0	127.4	132.5	136.7	139.9	142.7
-75°	74.5	80.5	86.7	92.5	97.5	101.9	106.1	110.2	113.6	116.4	118.6
-77.5°	61.0	66.0	70.8	75.2	78.8	82.3	85.6	88.5	91.2	93.3	94.8
-80°	47.9	51.5	55.4	59.0	61.8	64.2	66.2	68.0	69.9	71.9	73.7
-82.5°	35.6	38.3	40.8	43.3	45.2	46.9	48.3	49.7	51.1	52.3	53.5
-85°	23.4	24.9	26.5	28.0	29.5	30.8	31.9	32.9	33.6	34.3	34.8
-87.5°	11.7	12.5	13.2	13.8	14.5	15.2	15.8	16.4	16.8	17.1	17.4
-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°	13.4	13.5	13.4	13.4	13.2	12.7	12.1	11.5	10.8	11.2	11.5
85°	39.5	39.6	39.5	39.1	38.5	38.4	38.3	38.0	37.7	38.3	38.7
82.5°	74.3	74.8	74.9	74.5	73.8	74.1	74.3	74.1	73.7	74.2	74.5
80°	116.1	117.2	117.3	116.5	114.9	115.1	115.2	114.9	114.1	114.3	114.3
77.5°	165.4	168.0	168.8	168.4	166.9	166.4	165.3	163.0	159.7	159.7	159.7
75°	228.2	230.9	232.2	232.1	230.6	229.6	228.1	225.6	221.9	221.7	221.8
72.5°	297.6	301.5	303.2	304.7	304.7	304.2	302.3	298.5	292.8	292.1	292.8
70°	374.3	380.8	384.8	388.0	390.4	391.0	389.7	386.6	381.7	380.3	379.9
67.5°	459.6	469.9	477.7	482.9	487.8	491.3	492.7	491.3	487.2	485.9	486.4
65°	555.2	571.2	584.3	594.1	600.7	605.4	609.5	611.9	612.5	614.0	615.9
62.5°	667.0	686.6	704.8	717.3	723.7	728.2	741.4	748.9	751.1	751.5	754.4
60°	791.8	816.5	839.3	857.6	872.4	883.6	894.8	902.1	904.9	905.5	909.5
57.5°	928.2	959.3	986.0	1014.3	1034.1	1045.5	1060.5	1075.9	1083.9	1086.2	1095.7
55°	1079.2	1121.5	1156.1	1186.4	1214.1	1238.4	1258.9	1274.8	1286.5	1293.5	1306.0
52.5°	1246.1	1295.9	1332.0	1367.6	1407.2	1435.2	1453.4	1482.7	1503.9	1515.6	1530.6
50°	1429.4	1484.8	1534.1	1571.4	1617.5	1655.6	1683.4	1711.2	1730.6	1741.7	1756.2
47.5°	1638.1	1706.3	1763.5	1798.1	1851.6	1896.5	1914.6	1935.6	1972.2	1989.7	2005.2
45°	1873.0	1960.0	2023.6	2077.7	2123.7	2174.0	2207.0	2230.8	2266.9	2285.0	2296.4
42.5°	2152.4	2249.2	2333.0	2398.0	2436.7	2502.0	2549.7	2563.1	2614.1	2648.8	2659.0
40°	2465.9	2573.2	2683.7	2757.8	2820.1	2886.4	2965.0	3008.8	3052.0	3085.9	3093.6
37.5°	2792.5	2936.2	3062.3	3158.0	3260.9	3358.7	3442.1	3487.5	3515.8	3580.8	3605.1
35°	3124.6	3272.9	3449.5	3598.2	3722.8	3843.7	3938.8	4013.6	4085.0	4143.4	4178.4
32.5°	3407.4	3567.0	3785.0	4007.6	4142.2	4273.1	4429.3	4514.9	4610.0	4687.1	4743.4
30°	3639.8	3791.5	3990.0	4269.3	4453.6	4586.2	4783.9	4902.3	5005.9	5136.5	5182.0
27.5°	3650.8	3887.9	4063.5	4304.0	4580.5	4715.2	4861.5	5076.8	5142.1	5328.3	5355.1
25°	3555.0	3803.9	3984.3	4185.1	4415.1	4578.9	4712.4	4891.5	4985.2	5104.9	5196.9
22.5°	3405.0	3624.5	3808.5	3978.8	4158.2	4307.4	4429.4	4555.3	4658.2	4751.1	4837.4
20°	3239.5	3447.8	3622.4	3768.8	3911.0	4049.2	4159.1	4264.8	4353.7	4433.5	4482.6
17.5°	3123.0	3272.9	3451.2	3601.2	3724.4	3832.9	3946.6	4035.0	4113.0	4184.8	4229.7
15°	3043.4	3185.9	3312.9	3450.5	3580.4	3683.8	3769.4	3860.7	3928.1	3989.9	4038.6
12.5°	2960.8	3107.6	3240.5	3355.1	3456.8	3569.8	3661.2	3733.0	3803.8	3852.3	3902.3
10°	2891.8	3029.2	3167.0	3288.0	3395.0	3488.1	3574.7	3655.2	3718.7	3773.1	3812.5
7.5°	2851.7	2986.5	3110.3	3226.4	3330.7	3430.0	3519.3	3593.1	3656.0	3712.3	3753.6
5°	2805.3	2938.7	3062.3	3181.0	3281.2	3376.5	3465.4	3541.4	3606.5	3656.7	3696.2
2.5°	2752.0	2883.6	3006.9	3127.6	3227.8	3319.6	3403.8	3477.9	3545.7	3593.6	3627.2
0°	2691.4	2823.1	2943.6	3057.3	3158.0	3257.0	3334.5	3409.4	3475.7	3523.1	3556.6
-2.5°	2630.2	2761.1	2885.9	2994.7	3094.8	3186.2	3268.7	3339.4	3402.7	3449.9	3479.4
-5°	2548.9	2679.0	2802.1	2911.8	3016.3	3108.1	3188.3	3260.2	3321.2	3372.6	3412.6
-7.5°	2450.4	2582.0	2704.9	2817.0	2921.0	3007.7	3084.7	3157.1	3222.3	3278.4	3327.6
-10°	2342.1	2472.2	2588.4	2693.4	2790.3	2878.4	2960.3	3031.9	3091.6	3146.6	3188.1
-12.5°	2216.0	2336.5	2450.1	2553.6	2648.3	2736.6	2814.5	2882.7	2942.8	2991.5	3028.9
-15°	2076.9	2191.2	2298.9	2404.6	2503.8	2590.7	2659.2	2731.1	2783.2	2830.5	2864.1
-17.5°	1928.0	2038.6	2151.8	2257.8	2349.3	2435.1	2510.5	2576.2	2630.9	2674.3	2712.2
-20°	1777.1	1889.7	1998.7	2099.7	2187.7	2267.2	2343.6	2406.7	2462.7	2509.9	2554.4



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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°	1625.6	1728.9	1831.1	1930.0	2013.2	2088.4	2155.3	2215.6	2265.1	2320.7	2360.0
-25°	1469.9	1560.4	1652.8	1740.1	1818.8	1892.7	1953.3	2006.2	2057.7	2111.5	2149.7
-27.5°	1313.5	1393.5	1468.6	1545.8	1614.7	1678.8	1735.0	1781.3	1831.3	1867.2	1909.3
-30°	1158.8	1231.4	1294.0	1347.8	1412.6	1467.5	1511.2	1557.3	1598.6	1632.9	1668.3
-32.5°	1027.8	1077.4	1127.4	1172.4	1215.5	1260.6	1295.9	1336.1	1364.4	1393.9	1422.6
-35°	901.9	940.2	973.4	1015.4	1047.7	1072.3	1101.7	1131.2	1142.5	1174.6	1191.7
-37.5°	787.9	813.0	844.0	873.3	897.3	915.6	941.8	957.2	965.4	986.1	997.2
-40°	690.3	706.2	735.1	755.1	769.5	782.9	804.6	814.7	825.8	836.1	836.4
-42.5°	604.5	624.9	644.5	660.2	669.3	684.5	694.8	696.0	710.3	719.5	720.9
-45°	534.3	555.0	570.5	582.1	591.2	604.3	610.9	614.6	626.3	632.5	635.3
-47.5°	480.4	494.9	508.3	517.2	529.1	538.8	543.7	549.8	558.8	564.6	568.7
-50°	433.0	444.4	454.7	462.8	474.7	483.3	487.9	495.5	502.3	506.4	509.6
-52.5°	391.3	401.5	408.6	416.5	426.4	434.0	439.9	447.4	453.0	456.7	459.5
-55°	352.2	361.9	368.8	377.4	384.5	389.6	394.6	402.0	407.4	411.1	413.6
-57.5°	317.8	325.0	331.8	339.7	346.4	352.0	356.5	360.5	364.1	367.1	369.5
-60°	285.5	291.4	297.6	303.8	308.9	312.9	317.7	321.4	323.7	325.1	327.1
-62.5°	254.5	259.8	265.3	270.3	274.3	277.7	281.6	284.6	286.7	288.3	289.4
-65°	225.0	229.6	234.3	238.4	241.9	244.8	247.5	249.7	251.2	252.5	253.5
-67.5°	197.4	201.1	204.3	207.2	209.8	212.3	214.7	216.3	217.2	218.2	219.3
-70°	170.8	173.7	175.8	177.6	179.1	181.1	183.4	185.0	185.9	187.0	187.9
-72.5°	145.1	147.2	149.0	150.4	151.2	152.5	154.1	155.4	156.4	157.2	157.6
-75°	120.4	122.1	123.6	124.7	125.3	126.2	127.1	127.5	127.6	127.9	128.2
-77.5°	96.1	97.8	99.3	100.3	101.0	101.7	102.3	102.6	102.7	102.7	102.5
-80°	75.0	76.2	77.1	77.9	78.4	78.9	79.2	79.2	79.1	79.2	79.3
-82.5°	54.5	55.5	56.3	57.0	57.4	58.0	58.4	58.7	58.8	58.9	58.8
-85°	35.2	35.7	36.2	36.6	37.0	37.2	37.3	37.3	37.2	37.3	37.2
-87.5°	17.6	17.4	17.2	16.8	16.4	16.5	16.6	16.6	16.6	16.8	16.9
-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: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	11.8	12.1	11.2	10.3	11.2	12.1	11.8	11.5	11.2	10.8	11.5
85°	39.1	39.4	38.7	37.9	38.7	39.4	39.1	38.7	38.3	37.7	38.0
82.5°	74.6	74.5	74.0	73.2	74.0	74.5	74.6	74.5	74.2	73.7	74.1
80°	113.8	113.1	112.6	111.9	112.6	113.1	113.8	114.3	114.3	114.1	114.9
77.5°	159.4	158.5	159.9	161.0	159.9	158.5	159.4	159.7	159.7	159.7	163.0
75°	220.9	219.2	217.6	215.2	217.6	219.2	220.9	221.8	221.7	221.9	225.6
72.5°	292.4	291.1	289.8	287.6	289.8	291.1	292.4	292.8	292.1	292.8	298.5
70°	377.7	373.7	374.3	374.5	374.3	373.7	377.7	379.9	380.3	381.7	386.6
67.5°	484.9	481.3	481.7	481.3	481.7	481.3	484.9	486.4	485.9	487.2	491.3
65°	614.7	610.6	605.7	598.4	605.7	610.6	614.7	615.9	614.0	612.5	611.9
62.5°	754.1	750.4	752.5	754.2	752.5	750.4	754.1	754.4	751.5	751.1	748.9
60°	908.8	903.8	901.2	897.1	901.2	903.8	908.8	909.5	905.5	904.9	902.1
57.5°	1100.0	1099.1	1096.8	1090.8	1096.8	1099.1	1100.0	1095.7	1086.2	1083.9	1075.9
55°	1311.9	1310.7	1315.6	1321.6	1315.6	1310.7	1311.9	1306.0	1293.5	1286.5	1274.8
52.5°	1541.6	1545.4	1544.1	1536.0	1544.1	1545.4	1541.6	1530.6	1515.6	1503.9	1482.7
50°	1768.9	1773.3	1777.9	1782.2	1777.9	1773.3	1768.9	1756.2	1741.7	1730.6	1711.2
47.5°	2026.6	2038.1	2040.1	2031.9	2040.1	2038.1	2026.6	2005.2	1989.7	1972.2	1935.6
45°	2319.3	2326.2	2329.7	2336.7	2329.7	2326.2	2319.3	2296.4	2285.0	2266.9	2230.8
42.5°	2688.3	2696.4	2697.6	2705.2	2697.6	2696.4	2688.3	2659.0	2648.8	2614.1	2563.1
40°	3126.4	3139.4	3137.2	3133.9	3137.2	3139.4	3126.4	3093.6	3085.9	3052.0	3008.8
37.5°	3639.2	3661.3	3663.6	3677.2	3663.6	3661.3	3639.2	3605.1	3580.8	3515.8	3487.5
35°	4214.7	4240.7	4236.2	4242.8	4236.2	4240.7	4214.7	4178.4	4143.4	4085.0	4013.6
32.5°	4795.2	4834.2	4842.0	4874.8	4842.0	4834.2	4795.2	4743.4	4687.1	4610.0	4514.9
30°	5251.3	5305.9	5341.6	5338.8	5341.6	5305.9	5251.3	5182.0	5136.5	5005.9	4902.3
27.5°	5440.3	5511.0	5577.1	5597.1	5577.1	5511.0	5440.3	5355.1	5328.3	5142.1	5076.8
25°	5255.9	5307.6	5366.0	5397.4	5366.0	5307.6	5255.9	5196.9	5104.9	4985.2	4891.5
22.5°	4877.1	4910.7	4930.7	4914.4	4930.7	4910.7	4877.1	4837.4	4751.1	4658.2	4555.3
20°	4533.4	4575.9	4583.8	4601.0	4583.8	4575.9	4533.4	4482.6	4433.5	4353.7	4264.8
17.5°	4277.6	4305.4	4321.8	4325.5	4321.8	4305.4	4277.6	4229.7	4184.8	4113.0	4035.0
15°	4077.1	4099.4	4114.0	4120.6	4114.0	4099.4	4077.1	4038.6	3989.9	3928.1	3860.7
12.5°	3935.1	3962.3	3975.6	3983.7	3975.6	3962.3	3935.1	3902.3	3852.3	3803.8	3733.0
10°	3844.0	3870.2	3880.8	3884.7	3880.8	3870.2	3844.0	3812.5	3773.1	3718.7	3655.2
7.5°	3778.5	3795.4	3802.5	3808.1	3802.5	3795.4	3778.5	3753.6	3712.3	3656.0	3593.1
5°	3725.7	3739.1	3746.7	3754.7	3746.7	3739.1	3725.7	3696.2	3656.7	3606.5	3541.4
2.5°	3653.9	3673.1	3686.4	3694.4	3686.4	3673.1	3653.9	3627.2	3593.6	3545.7	3477.9
0°	3583.3	3601.4	3610.9	3626.4	3610.9	3601.4	3583.3	3556.6	3523.1	3475.7	3409.4
-2.5°	3505.7	3526.7	3551.6	3575.6	3551.6	3526.7	3505.7	3479.4	3449.9	3402.7	3339.4
-5°	3446.4	3474.1	3479.3	3494.7	3479.3	3474.1	3446.4	3412.6	3372.6	3321.2	3260.2
-7.5°	3356.9	3369.5	3391.0	3394.8	3391.0	3369.5	3356.9	3327.6	3278.4	3222.3	3157.1
-10°	3219.0	3239.5	3252.9	3266.5	3252.9	3239.5	3219.0	3188.1	3146.6	3091.6	3031.9
-12.5°	3056.9	3081.0	3102.5	3099.5	3102.5	3081.0	3056.9	3028.9	2991.5	2942.8	2882.7
-15°	2899.0	2922.2	2937.0	2935.0	2937.0	2922.2	2899.0	2864.1	2830.5	2783.2	2731.1
-17.5°	2742.2	2763.5	2784.9	2784.4	2784.9	2763.5	2742.2	2712.2	2674.3	2630.9	2576.2
-20°	2580.4	2598.6	2621.5	2631.1	2621.5	2598.6	2580.4	2554.4	2509.9	2462.7	2406.7



REPORT NUMBER: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	2393.3	2416.5	2433.2	2443.4	2433.2	2416.5	2393.3	2360.0	2320.7	2265.1	2215.6
-25°	2175.1	2199.0	2211.7	2216.1	2211.7	2199.0	2175.1	2149.7	2111.5	2057.7	2006.2
-27.5°	1934.1	1960.9	1973.9	1967.3	1973.9	1960.9	1934.1	1909.3	1867.2	1831.3	1781.3
-30°	1687.0	1704.2	1706.1	1721.1	1706.1	1704.2	1687.0	1668.3	1632.9	1598.6	1557.3
-32.5°	1443.1	1454.7	1448.1	1449.0	1448.1	1454.7	1443.1	1422.6	1393.9	1364.4	1336.1
-35°	1202.3	1211.5	1213.4	1230.3	1213.4	1211.5	1202.3	1191.7	1174.6	1142.5	1131.2
-37.5°	1008.8	1012.5	1006.8	998.7	1006.8	1012.5	1008.8	997.2	986.1	965.4	957.2
-40°	844.6	847.4	845.3	841.2	845.3	847.4	844.6	836.4	836.1	825.8	814.7
-42.5°	726.5	726.5	724.6	724.1	724.6	726.5	726.5	720.9	719.5	710.3	696.0
-45°	639.2	640.2	640.0	639.7	640.0	640.2	639.2	635.3	632.5	626.3	614.6
-47.5°	571.6	571.7	570.8	569.1	570.8	571.7	571.6	568.7	564.6	558.8	549.8
-50°	511.6	511.6	512.8	514.9	512.8	511.6	511.6	509.6	506.4	502.3	495.5
-52.5°	461.0	460.9	461.5	462.3	461.5	460.9	461.0	459.5	456.7	453.0	447.4
-55°	414.7	414.4	413.8	412.4	413.8	414.4	414.7	413.6	411.1	407.4	402.0
-57.5°	370.4	369.9	368.8	366.8	368.8	369.9	370.4	369.5	367.1	364.1	360.5
-60°	328.1	328.3	327.8	326.3	327.8	328.3	328.1	327.1	325.1	323.7	321.4
-62.5°	289.7	289.1	289.0	288.4	289.0	289.1	289.7	289.4	288.3	286.7	284.6
-65°	253.7	253.1	253.3	253.1	253.3	253.1	253.7	253.5	252.5	251.2	249.7
-67.5°	219.7	219.5	219.7	219.5	219.7	219.5	219.7	219.3	218.2	217.2	216.3
-70°	188.4	188.5	187.6	186.0	187.6	188.5	188.4	187.9	187.0	185.9	185.0
-72.5°	157.5	156.9	157.0	156.7	157.0	156.9	157.5	157.6	157.2	156.4	155.4
-75°	128.1	127.8	128.5	129.1	128.5	127.8	128.1	128.2	127.9	127.6	127.5
-77.5°	102.0	101.2	101.9	102.5	101.9	101.2	102.0	102.5	102.7	102.7	102.6
-80°	79.2	78.9	78.7	78.3	78.7	78.9	79.2	79.3	79.2	79.1	79.2
-82.5°	58.6	58.3	58.0	57.7	58.0	58.3	58.6	58.8	58.9	58.8	58.7
-85°	37.1	36.9	37.4	37.9	37.4	36.9	37.1	37.2	37.3	37.2	37.3
-87.5°	17.1	17.1	16.8	16.4	16.8	17.1	17.1	16.9	16.8	16.6	16.6
-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: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	12.1	12.7	13.2	13.4	13.4	13.5	13.4	13.4	13.2	13.0	12.8
85°	38.3	38.4	38.5	39.1	39.5	39.6	39.5	38.8	37.9	36.7	35.2
82.5°	74.3	74.1	73.8	74.5	74.9	74.8	74.3	72.8	70.9	68.6	65.8
80°	115.2	115.1	114.9	116.5	117.3	117.2	116.1	113.5	110.0	106.5	102.9
77.5°	165.3	166.4	166.9	168.4	168.8	168.0	165.4	161.4	157.9	153.3	147.2
75°	228.1	229.6	230.6	232.1	232.2	230.9	228.2	223.4	217.0	208.9	198.2
72.5°	302.3	304.2	304.7	304.7	303.2	301.5	297.6	291.1	282.7	272.3	258.1
70°	389.7	391.0	390.4	388.0	384.8	380.8	374.3	365.2	353.5	341.2	323.9
67.5°	492.7	491.3	487.8	482.9	477.7	469.9	459.6	446.5	433.0	417.6	394.3
65°	609.5	605.4	600.7	594.1	584.3	571.2	555.2	538.7	521.0	499.6	470.1
62.5°	741.4	728.2	723.7	717.3	704.8	686.6	667.0	646.0	619.7	589.0	559.3
60°	894.8	883.6	872.4	857.6	839.3	816.5	791.8	763.2	730.9	696.7	657.1
57.5°	1060.5	1045.5	1034.1	1014.3	986.0	959.3	928.2	888.9	850.1	810.6	763.2
55°	1258.9	1238.4	1214.1	1186.4	1156.1	1121.5	1079.2	1033.2	985.8	931.3	880.8
52.5°	1453.4	1435.2	1407.2	1367.6	1332.0	1295.9	1246.1	1192.2	1138.6	1082.1	1011.2
50°	1683.4	1655.6	1617.5	1571.4	1534.1	1484.8	1429.4	1364.1	1308.2	1243.6	1165.4
47.5°	1914.6	1896.5	1851.6	1798.1	1763.5	1706.3	1638.1	1564.9	1503.3	1415.3	1330.1
45°	2207.0	2174.0	2123.7	2077.7	2023.6	1960.0	1873.0	1803.0	1720.7	1624.7	1501.2
42.5°	2549.7	2502.0	2436.7	2398.0	2333.0	2249.2	2152.4	2064.4	1961.7	1849.4	1707.6
40°	2965.0	2886.4	2820.1	2757.8	2683.7	2573.2	2465.9	2348.7	2225.8	2087.7	1903.2
37.5°	3442.1	3358.7	3260.9	3158.0	3062.3	2936.2	2792.5	2654.5	2506.9	2299.1	2088.7
35°	3938.8	3843.7	3722.8	3598.2	3449.5	3272.9	3124.6	2961.9	2760.2	2490.6	2260.3
32.5°	4429.3	4273.1	4142.2	4007.6	3785.0	3567.0	3407.4	3262.8	2920.4	2642.1	2411.1
30°	4783.9	4586.2	4453.6	4269.3	3990.0	3791.5	3639.8	3339.5	3020.8	2747.8	2528.5
27.5°	4861.5	4715.2	4580.5	4304.0	4063.5	3887.9	3650.8	3344.7	3054.9	2798.0	2585.7
25°	4712.4	4578.9	4415.1	4185.1	3984.3	3803.9	3555.0	3277.8	3017.7	2791.2	2552.9
22.5°	4429.4	4307.4	4158.2	3978.8	3808.5	3624.5	3405.0	3164.8	2941.1	2729.0	2498.5
20°	4159.1	4049.2	3911.0	3768.8	3622.4	3447.8	3239.5	3043.1	2861.1	2655.7	2433.0
17.5°	3946.6	3832.9	3724.4	3601.2	3451.2	3272.9	3123.0	2961.1	2781.2	2577.2	2358.2
15°	3769.4	3683.8	3580.4	3450.5	3312.9	3185.9	3043.4	2877.9	2698.7	2492.4	2288.5
12.5°	3661.2	3569.8	3456.8	3355.1	3240.5	3107.6	2960.8	2792.0	2620.6	2447.8	2265.0
10°	3574.7	3488.1	3395.0	3288.0	3167.0	3029.2	2891.8	2745.1	2585.5	2415.9	2234.9
7.5°	3519.3	3430.0	3330.7	3226.4	3110.3	2986.5	2851.7	2705.7	2544.6	2375.4	2197.9
5°	3465.4	3376.5	3281.2	3181.0	3062.3	2938.7	2805.3	2658.9	2497.1	2326.3	2153.6
2.5°	3403.8	3319.6	3227.8	3127.6	3006.9	2883.6	2752.0	2603.8	2444.4	2280.3	2103.2
0°	3334.5	3257.0	3158.0	3057.3	2943.6	2823.1	2691.4	2539.8	2384.0	2229.0	2044.8
-2.5°	3268.7	3186.2	3094.8	2994.7	2885.9	2761.1	2630.2	2483.6	2324.5	2167.8	1987.6
-5°	3188.3	3108.1	3016.3	2911.8	2802.1	2679.0	2548.9	2407.2	2250.7	2095.8	1923.6
-7.5°	3084.7	3007.7	2921.0	2817.0	2704.9	2582.0	2450.4	2308.9	2156.4	2003.2	1835.9
-10°	2960.3	2878.4	2790.3	2693.4	2588.4	2472.2	2342.1	2200.8	2054.1	1901.5	1740.6
-12.5°	2814.5	2736.6	2648.3	2553.6	2450.1	2336.5	2216.0	2081.2	1944.1	1790.7	1638.1
-15°	2659.2	2590.7	2503.8	2404.6	2298.9	2191.2	2076.9	1948.3	1821.6	1671.6	1528.4
-17.5°	2510.5	2435.1	2349.3	2257.8	2151.8	2038.6	1928.0	1810.2	1687.6	1551.0	1419.9
-20°	2343.6	2267.2	2187.7	2099.7	1998.7	1889.7	1777.1	1664.7	1549.6	1430.6	1311.5



REPORT NUMBER: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	2155.3	2088.4	2013.2	1930.0	1831.1	1728.9	1625.6	1519.4	1410.6	1308.1	1201.3
-25°	1953.3	1892.7	1818.8	1740.1	1652.8	1560.4	1469.9	1375.6	1281.9	1185.9	1091.1
-27.5°	1735.0	1678.8	1614.7	1545.8	1468.6	1393.5	1313.5	1232.2	1156.5	1071.8	989.1
-30°	1511.2	1467.5	1412.6	1347.8	1294.0	1231.4	1158.8	1101.0	1035.4	962.8	895.5
-32.5°	1295.9	1260.6	1215.5	1172.4	1127.4	1077.4	1027.8	974.2	916.9	865.2	810.1
-35°	1101.7	1072.3	1047.7	1015.4	973.4	940.2	901.9	857.9	814.1	772.6	728.4
-37.5°	941.8	915.6	897.3	873.3	844.0	813.0	787.9	757.7	721.7	688.6	652.8
-40°	804.6	782.9	769.5	755.1	735.1	706.2	690.3	667.8	643.1	611.2	582.3
-42.5°	694.8	684.5	669.3	660.2	644.5	624.9	604.5	591.6	571.8	546.9	523.3
-45°	610.9	604.3	591.2	582.1	570.5	555.0	534.3	524.6	509.6	492.4	470.0
-47.5°	543.7	538.8	529.1	517.2	508.3	494.9	480.4	466.6	457.9	443.1	424.8
-50°	487.9	483.3	474.7	462.8	454.7	444.4	433.0	419.4	411.1	398.5	383.2
-52.5°	439.9	434.0	426.4	416.5	408.6	401.5	391.3	378.8	367.8	359.2	348.0
-55°	394.6	389.6	384.5	377.4	368.8	361.9	352.2	341.4	332.4	325.0	315.4
-57.5°	356.5	352.0	346.4	339.7	331.8	325.0	317.8	309.4	300.1	293.1	284.2
-60°	317.7	312.9	308.9	303.8	297.6	291.4	285.5	278.3	269.8	262.9	255.1
-62.5°	281.6	277.7	274.3	270.3	265.3	259.8	254.5	248.5	241.4	234.2	227.8
-65°	247.5	244.8	241.9	238.4	234.3	229.6	225.0	220.0	214.3	207.9	201.8
-67.5°	214.7	212.3	209.8	207.2	204.3	201.1	197.4	193.1	188.3	183.1	178.0
-70°	183.4	181.1	179.1	177.6	175.8	173.7	170.8	167.4	163.6	159.5	155.0
-72.5°	154.1	152.5	151.2	150.4	149.0	147.2	145.1	142.7	139.9	136.7	132.5
-75°	127.1	126.2	125.3	124.7	123.6	122.1	120.4	118.6	116.4	113.6	110.2
-77.5°	102.3	101.7	101.0	100.3	99.3	97.8	96.1	94.8	93.3	91.2	88.5
-80°	79.2	78.9	78.4	77.9	77.1	76.2	75.0	73.7	71.9	69.9	68.0
-82.5°	58.4	58.0	57.4	57.0	56.3	55.5	54.5	53.5	52.3	51.1	49.7
-85°	37.3	37.2	37.0	36.6	36.2	35.7	35.2	34.8	34.3	33.6	32.9
-87.5°	16.6	16.5	16.4	16.8	17.2	17.4	17.6	17.4	17.1	16.8	16.4
-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: P558682 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	12.5	12.2	11.8	11.4	11.1	10.8	10.3	9.8	9.0	8.1	7.2
85°	33.4	31.3	29.0	26.5	24.1	21.5	20.6	19.6	17.9	16.2	14.3
82.5°	62.3	59.3	56.1	52.6	48.8	44.7	40.4	35.7	30.1	24.7	21.5
80°	98.4	93.3	87.8	81.7	75.0	67.8	61.9	55.5	47.5	39.8	32.5
77.5°	139.4	130.9	121.6	113.7	105.5	96.6	87.1	76.3	64.8	54.8	45.2
75°	185.1	174.3	163.2	151.2	138.4	125.4	114.1	100.9	85.3	70.0	57.9
72.5°	242.0	225.3	208.1	190.4	175.1	159.2	143.0	125.2	106.8	88.8	71.3
70°	302.9	279.9	258.3	237.0	214.9	193.0	174.1	152.1	127.9	107.2	87.1
67.5°	367.7	342.6	315.2	285.0	258.4	232.5	206.0	179.3	152.2	125.4	102.7
65°	441.4	409.6	375.3	342.2	306.9	272.4	242.7	207.4	176.0	146.4	117.9
62.5°	522.4	480.9	443.6	402.0	360.7	319.9	278.1	238.4	200.1	166.8	134.8
60°	614.1	568.6	516.2	469.6	419.8	369.8	320.2	268.4	226.6	186.8	152.1
57.5°	715.0	661.5	605.5	543.9	485.4	426.2	362.2	302.7	252.1	208.5	168.8
55°	820.5	760.4	697.1	629.3	557.1	488.8	406.4	337.8	277.9	229.9	184.3
52.5°	938.6	866.8	793.7	717.3	637.8	549.6	455.4	370.9	306.9	250.4	200.7
50°	1074.6	984.8	898.2	810.4	719.6	613.5	501.2	410.4	334.1	271.1	216.3
47.5°	1229.9	1120.9	1013.4	908.1	807.7	672.9	551.7	448.2	359.4	293.2	230.9
45°	1390.6	1270.5	1140.4	1018.5	879.3	733.0	600.8	482.9	390.0	312.4	244.3
42.5°	1552.0	1422.0	1282.4	1130.0	952.8	789.9	645.7	521.9	418.2	330.0	258.4
40°	1731.2	1573.0	1423.9	1233.5	1019.6	841.7	691.9	558.6	443.5	347.8	272.5
37.5°	1902.1	1727.2	1563.3	1312.5	1080.7	894.7	734.1	591.3	466.7	367.0	285.3
35°	2061.7	1876.6	1633.5	1376.8	1141.3	939.5	771.5	622.2	491.4	384.0	296.8
32.5°	2207.2	1972.4	1687.4	1426.9	1189.4	976.1	805.4	649.7	512.5	398.6	307.0
30°	2306.4	2008.2	1724.3	1463.1	1225.2	1011.6	832.9	672.6	530.0	410.9	316.5
27.5°	2311.6	2024.9	1744.1	1485.7	1249.9	1037.6	853.9	690.7	544.0	422.3	326.3
25°	2293.5	2017.6	1747.0	1494.1	1263.0	1058.9	869.9	704.3	556.9	433.5	334.3
22.5°	2251.1	1991.6	1733.9	1488.4	1277.3	1073.6	883.3	716.0	567.3	441.9	340.5
20°	2197.6	1949.4	1711.7	1494.0	1284.5	1083.0	893.3	723.5	574.0	447.6	345.0
17.5°	2132.0	1915.9	1708.0	1492.9	1284.5	1085.8	897.8	726.9	577.2	450.7	347.8
15°	2101.8	1902.8	1696.8	1485.0	1277.5	1082.2	897.0	726.5	577.0	451.4	349.8
12.5°	2077.6	1882.1	1678.6	1470.1	1263.6	1072.4	891.0	722.1	573.5	451.3	351.2
10°	2046.9	1853.9	1653.5	1448.4	1243.1	1056.8	880.2	715.6	571.8	450.6	351.3
7.5°	2009.5	1818.3	1621.4	1420.0	1218.6	1039.2	869.1	708.3	568.2	447.9	350.1
5°	1966.2	1779.0	1586.9	1392.8	1199.8	1020.7	854.4	697.4	562.2	443.5	347.6
2.5°	1919.3	1738.4	1548.3	1359.8	1176.2	997.6	835.8	683.3	553.8	437.3	344.0
0°	1864.9	1690.9	1503.2	1320.7	1147.7	970.3	813.6	666.4	543.3	429.6	339.2
-2.5°	1817.1	1638.7	1454.6	1278.3	1106.1	937.6	789.4	649.3	531.6	422.0	334.2
-5°	1761.5	1579.8	1400.4	1230.4	1060.1	901.5	762.2	630.1	518.0	413.1	328.3
-7.5°	1679.8	1507.8	1338.5	1176.6	1010.4	862.5	732.5	608.8	502.8	402.9	321.4
-10°	1587.8	1426.2	1268.5	1115.8	962.1	824.0	701.2	585.9	486.0	391.6	313.7
-12.5°	1490.6	1340.3	1194.6	1052.1	912.3	786.1	671.2	563.5	468.2	379.3	305.2
-15°	1388.8	1250.8	1117.4	986.1	860.9	746.3	639.7	540.5	450.6	366.7	296.1
-17.5°	1285.2	1158.3	1037.5	918.8	808.4	704.9	607.1	516.4	432.1	354.1	286.9
-20°	1190.6	1071.9	956.0	850.6	755.5	662.3	573.8	491.3	412.7	340.8	277.6



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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°	1096.3	992.1	887.5	787.2	703.6	618.8	540.0	465.4	392.7	326.9	267.7
-25°	1002.4	912.9	820.7	734.6	653.3	578.3	507.4	438.9	372.2	312.6	257.2
-27.5°	913.9	835.6	753.5	681.8	609.3	538.5	476.0	413.8	352.3	297.8	246.1
-30°	829.5	761.8	693.3	630.2	565.8	503.9	444.5	388.7	334.2	283.5	234.5
-32.5°	751.6	688.9	635.8	582.3	525.9	469.4	415.2	363.8	316.0	269.3	223.7
-35°	679.1	626.7	580.0	535.9	487.2	438.2	388.5	339.1	297.8	254.6	213.0
-37.5°	610.0	571.5	531.5	492.3	448.8	407.5	363.3	318.7	279.6	239.6	202.1
-40°	553.3	520.4	487.0	451.1	414.8	377.6	338.0	299.4	262.0	224.3	191.0
-42.5°	499.2	473.7	444.9	411.0	383.1	349.9	313.1	279.7	244.9	210.4	179.7
-45°	451.1	429.5	404.9	379.5	352.8	322.5	291.2	259.9	227.8	197.4	168.8
-47.5°	405.8	389.7	369.7	348.5	323.9	296.1	269.0	241.0	210.7	184.4	158.4
-50°	367.6	353.7	337.7	318.4	295.5	272.0	247.2	222.1	196.3	171.5	147.8
-52.5°	334.4	321.2	306.9	289.1	269.6	247.7	227.1	203.7	181.7	159.1	137.0
-55°	303.3	290.3	277.2	262.0	244.5	226.3	207.2	187.3	166.8	146.8	126.2
-57.5°	273.9	261.3	250.0	236.4	221.6	205.8	188.6	170.7	152.5	134.2	116.5
-60°	245.7	235.4	224.3	213.0	200.2	185.8	170.4	154.3	138.4	121.8	106.8
-62.5°	219.7	210.4	201.2	191.0	179.2	166.3	152.4	138.7	124.1	110.7	96.9
-65°	195.3	187.6	178.8	169.3	158.5	147.2	135.4	122.9	111.2	99.3	86.9
-67.5°	172.0	164.9	156.4	147.6	139.0	129.5	118.5	108.6	98.6	87.9	77.1
-70°	149.3	142.4	135.3	128.6	120.8	112.1	103.4	94.7	85.9	77.0	67.2
-72.5°	127.4	122.0	116.3	110.1	103.5	96.3	88.6	81.0	73.9	66.0	57.2
-75°	106.1	101.9	97.5	92.5	86.7	80.5	74.5	68.4	62.0	55.0	48.4
-77.5°	85.6	82.3	78.8	75.2	70.8	66.0	61.0	55.7	50.5	45.4	40.0
-80°	66.2	64.2	61.8	59.0	55.4	51.5	47.9	44.1	40.2	36.0	31.5
-82.5°	48.3	46.9	45.2	43.3	40.8	38.3	35.6	32.9	29.8	26.5	23.2
-85°	31.9	30.8	29.5	28.0	26.5	24.9	23.4	21.8	19.7	17.6	15.5
-87.5°	15.8	15.2	14.5	13.8	13.2	12.5	11.7	10.9	9.9	8.8	7.8
-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°	6.2	5.3	4.3	3.2	2.2	1.1	0.0
85°	12.5	10.5	8.5	6.5	4.4	2.1	0.0
82.5°	18.7	15.8	12.8	9.7	6.5	3.2	0.0
80°	25.4	21.0	17.0	12.9	8.7	4.3	0.0
77.5°	36.1	27.3	21.2	16.1	10.8	5.3	0.0
75°	46.6	35.9	25.8	19.2	12.9	6.3	0.0
72.5°	57.0	44.2	32.3	22.3	15.0	7.4	0.0
70°	67.5	52.5	38.6	25.7	17.0	8.4	0.0
67.5°	80.5	60.5	44.9	30.2	19.1	9.4	0.0
65°	93.0	69.5	51.0	34.7	21.0	10.4	0.0
62.5°	105.2	79.2	57.0	39.0	23.0	11.3	0.0
60°	116.9	88.6	62.7	43.3	24.9	12.2	0.0
57.5°	130.1	97.7	69.7	47.3	27.5	13.1	0.0
55°	142.9	106.3	76.4	51.3	30.1	14.0	0.0
52.5°	155.1	114.8	82.8	55.1	32.6	14.9	0.0
50°	166.5	124.1	88.9	58.8	35.0	15.7	0.0
47.5°	177.4	132.9	94.7	62.4	37.3	16.5	0.0
45°	188.8	141.1	100.2	66.5	39.6	17.3	0.0
42.5°	199.3	148.6	105.3	70.3	41.7	18.0	0.0
40°	208.9	155.6	110.5	74.0	43.7	18.7	0.0
37.5°	217.5	161.9	115.6	77.4	45.6	19.3	0.0
35°	225.2	168.2	120.4	80.7	47.4	20.0	0.0
32.5°	232.6	174.1	124.6	83.7	49.1	20.5	0.0
30°	240.5	179.3	128.4	86.5	50.7	21.1	0.0
27.5°	247.4	183.8	132.1	89.0	52.1	21.6	0.0
25°	253.2	187.5	135.3	91.3	53.4	22.0	0.0
22.5°	257.9	190.8	138.0	93.4	54.6	22.4	0.0
20°	261.6	194.1	140.3	95.2	55.7	22.8	0.0
17.5°	264.9	196.8	142.2	96.7	56.6	23.1	0.0
15°	267.6	198.9	143.6	98.0	57.4	23.4	0.0
12.5°	269.2	200.4	144.6	99.1	58.1	23.6	0.0
10°	269.9	201.4	145.2	99.9	58.6	23.8	0.0
7.5°	269.6	201.8	145.4	100.5	59.0	24.0	0.0
5°	268.4	201.7	145.2	100.8	59.3	24.0	0.0
2.5°	266.3	201.0	144.7	100.9	59.4	24.1	0.0
0°	263.5	199.7	143.8	100.7	59.4	24.1	0.0
-2.5°	260.5	197.8	143.1	100.2	59.3	24.1	0.0
-5°	256.7	195.4	142.1	99.6	59.0	24.1	0.0
-7.5°	252.3	192.6	140.7	98.6	58.6	24.1	0.0
-10°	247.3	189.2	139.1	97.5	58.1	24.0	0.0
-12.5°	241.6	185.5	137.1	96.2	57.4	23.8	0.0
-15°	235.3	181.4	134.8	94.6	56.6	23.6	0.0
-17.5°	228.5	177.0	132.2	92.8	55.7	23.4	0.0
-20°	221.5	172.2	129.3	90.9	54.7	23.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	214.4	167.2	126.1	88.7	53.6	22.7	0.0
-25°	206.9	162.1	122.7	86.4	52.4	22.3	0.0
-27.5°	199.0	156.9	118.9	83.9	51.1	21.9	0.0
-30°	190.8	151.3	115.0	81.2	49.6	21.4	0.0
-32.5°	182.2	145.4	110.8	78.4	48.1	20.9	0.0
-35°	174.3	139.2	106.5	75.4	46.5	20.4	0.0
-37.5°	166.4	133.0	102.0	72.3	44.8	19.7	0.0
-40°	158.2	127.0	97.2	69.0	43.1	19.1	0.0
-42.5°	149.7	120.7	92.5	65.6	41.2	18.4	0.0
-45°	141.1	114.3	87.8	62.1	39.3	17.7	0.0
-47.5°	132.1	107.8	83.0	58.5	37.3	16.9	0.0
-50°	123.9	101.0	78.0	55.2	35.2	16.1	0.0
-52.5°	115.8	94.1	72.8	52.0	33.1	15.3	0.0
-55°	107.4	87.5	67.5	48.7	30.9	14.4	0.0
-57.5°	99.0	80.7	62.0	45.3	28.6	13.5	0.0
-60°	90.5	73.8	56.5	41.8	26.3	12.6	0.0
-62.5°	82.2	66.8	51.8	38.3	24.4	11.7	0.0
-65°	73.7	59.6	47.0	34.7	22.3	10.7	0.0
-67.5°	65.1	53.0	42.2	31.0	20.3	9.7	0.0
-70°	56.4	46.9	37.3	27.2	18.1	8.7	0.0
-72.5°	49.0	40.8	32.3	23.8	16.0	7.6	0.0
-75°	41.6	34.5	27.2	20.5	13.8	6.6	0.0
-77.5°	34.2	28.3	22.6	17.2	11.5	5.5	0.0
-80°	26.7	22.4	18.2	13.8	9.2	4.4	0.0
-82.5°	20.0	16.9	13.6	10.3	7.0	3.3	0.0
-85°	13.3	11.3	9.1	6.9	4.6	2.2	0.0
-87.5°	6.7	5.6	4.6	3.5	2.3	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)