

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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558786 (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-SA3C-927-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

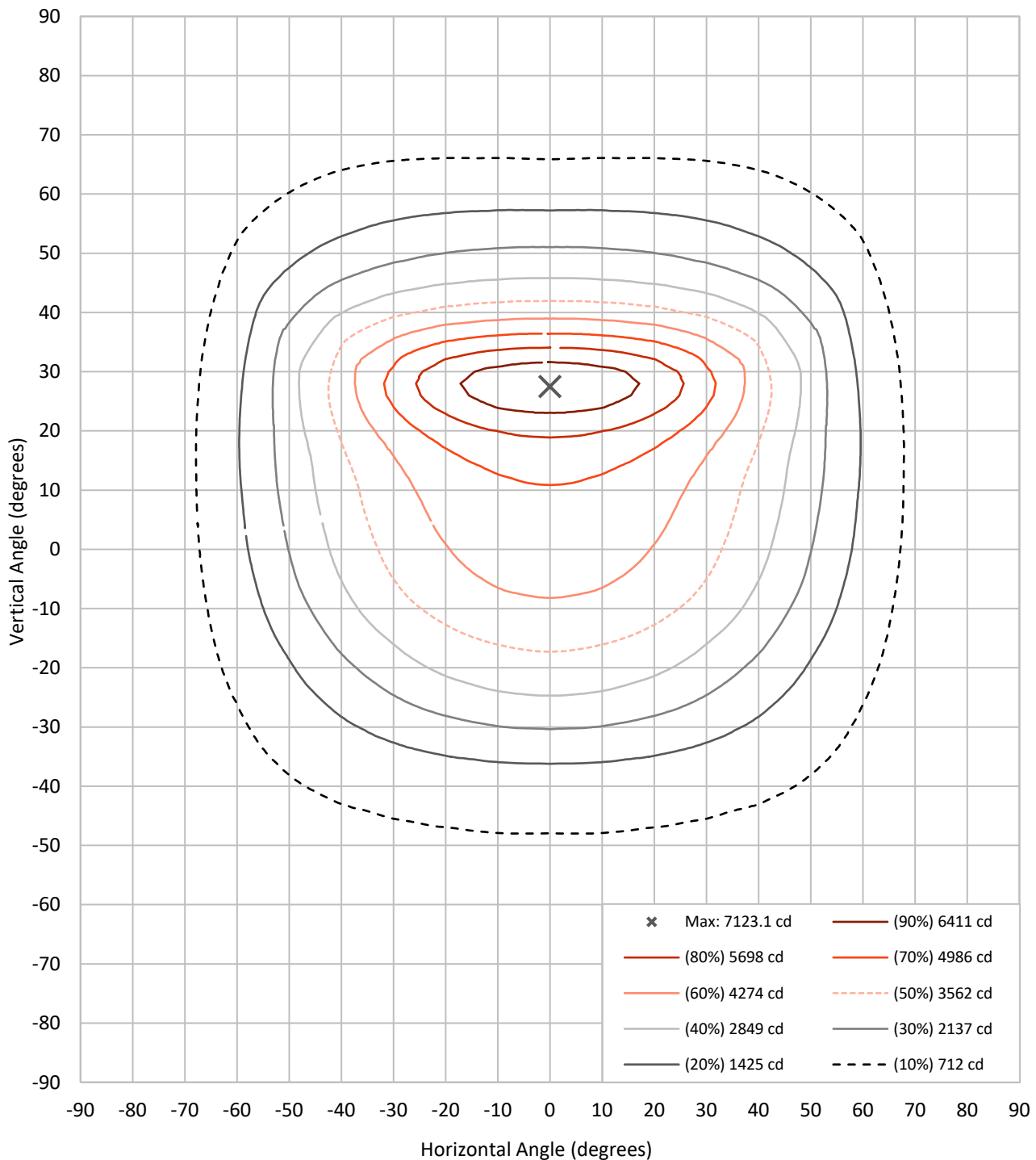
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10384.2 lumens	Max Intensity:	7123.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	87.3 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:	5385.8 lumens	Field Lumens:	9606.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	119		
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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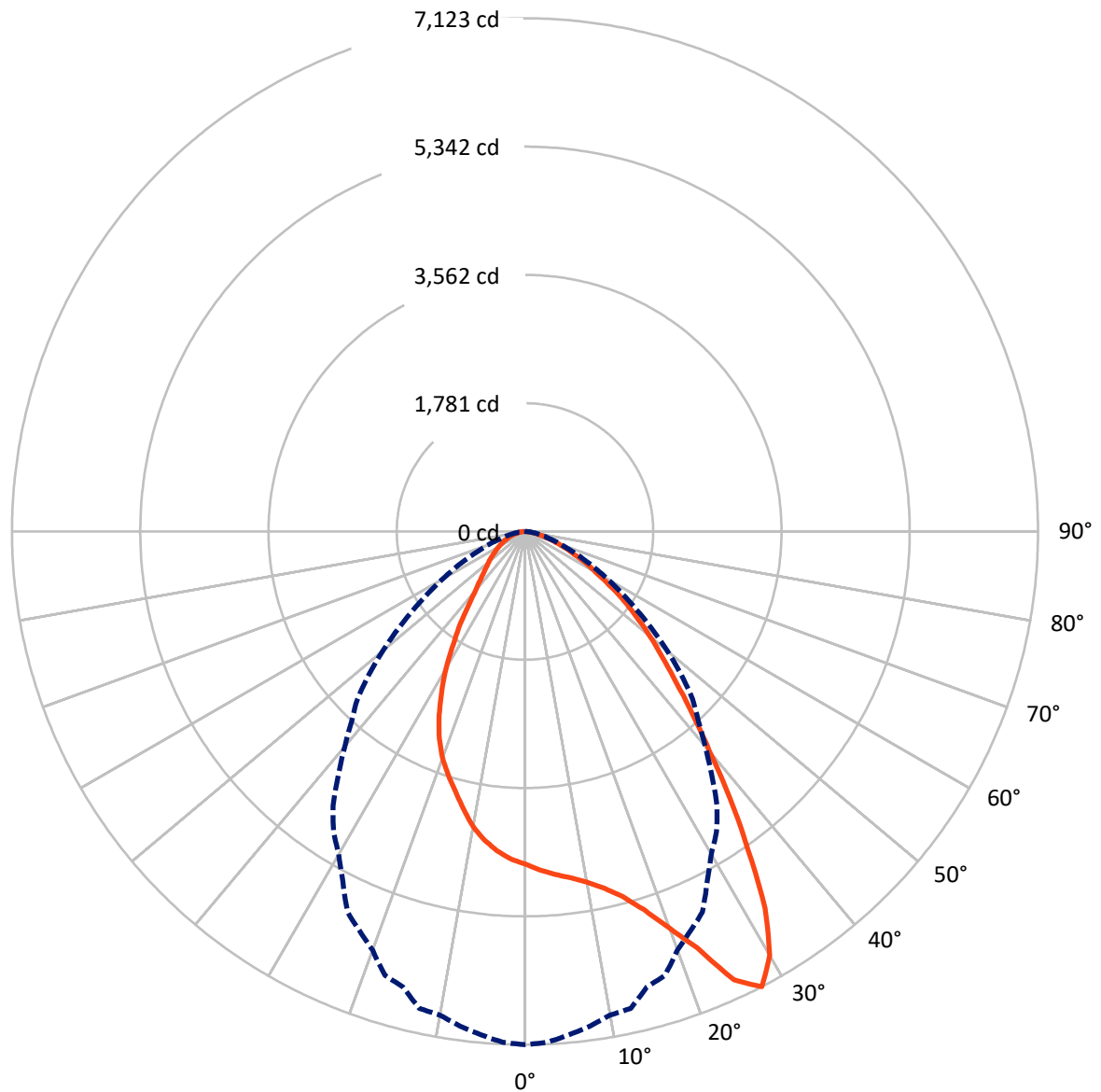
### Iso-Candela Plot





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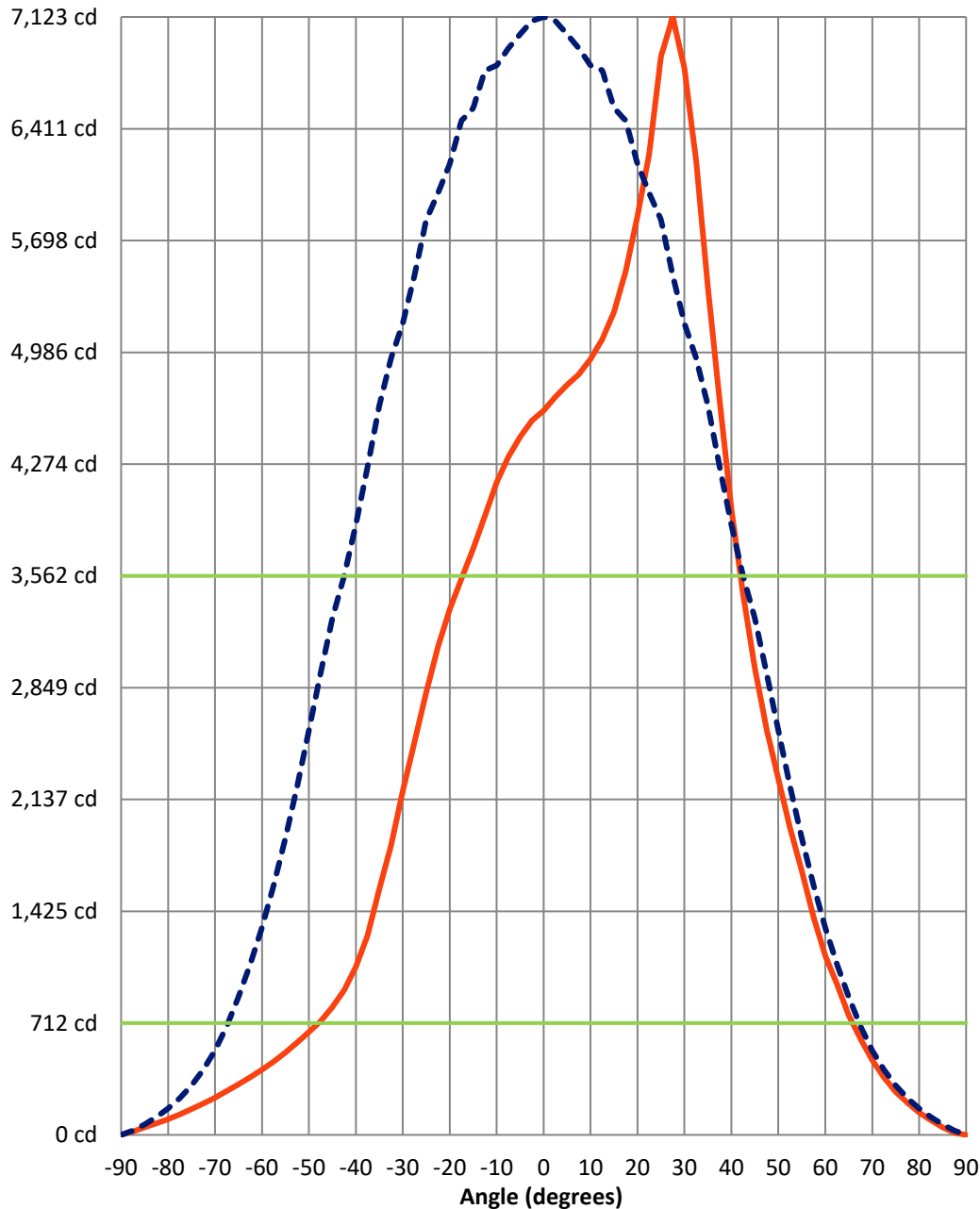
### Luminous Intensity Polar Plot



— 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: 5385.8  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 9606.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 777.9  
 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	1.4	2.8	4.1	5.4	6.7	7.9	9.1	10.3	11.4	12.5
85°	0.0	2.7	5.5	8.2	10.8	13.4	15.9	18.3	20.6	22.8	25.0
82.5°	0.0	4.1	8.3	12.3	16.2	20.1	23.8	27.4	31.5	38.4	45.5
80°	0.0	5.4	11.0	16.4	21.6	26.7	32.4	41.3	50.7	60.5	70.6
77.5°	0.0	6.8	13.7	20.4	26.9	34.8	45.9	57.6	69.8	82.4	97.1
75°	0.0	8.1	16.4	24.4	32.8	45.7	59.4	73.7	89.1	108.5	128.4
72.5°	0.0	9.4	19.1	28.4	41.1	56.3	72.6	90.7	112.9	135.8	159.2
70°	0.0	10.7	21.7	32.7	49.2	66.8	86.0	110.9	136.4	162.7	193.5
67.5°	0.0	11.9	24.2	38.5	57.2	77.1	102.4	130.7	159.5	193.7	228.1
65°	0.0	13.2	26.8	44.2	64.9	88.4	118.4	150.0	186.2	224.0	264.0
62.5°	0.0	14.4	29.2	49.7	72.5	100.9	133.9	171.6	212.3	254.6	303.5
60°	0.0	15.6	31.6	55.1	79.9	112.8	148.7	193.6	237.7	288.3	341.6
57.5°	0.0	16.7	35.0	60.3	88.7	124.3	165.6	214.8	265.3	320.8	385.3
55°	0.0	17.9	38.3	65.3	97.2	135.4	181.9	234.5	292.6	353.7	429.9
52.5°	0.0	19.0	41.5	70.2	105.4	146.2	197.4	255.4	318.7	390.5	472.0
50°	0.0	20.0	44.6	74.8	113.2	158.0	211.9	275.3	345.0	425.1	522.3
47.5°	0.0	21.0	47.5	79.5	120.6	169.2	225.8	293.9	373.1	457.3	570.3
45°	0.0	22.0	50.4	84.7	127.6	179.5	240.3	311.0	397.5	496.3	614.6
42.5°	0.0	22.9	53.1	89.6	134.1	189.2	253.7	328.9	419.9	532.2	664.3
40°	0.0	23.8	55.6	94.2	140.6	198.0	265.8	346.8	442.6	564.5	710.9
37.5°	0.0	24.6	58.1	98.6	147.2	206.1	276.8	363.1	467.1	594.0	752.6
35°	0.0	25.4	60.4	102.7	153.2	214.1	286.6	377.7	488.6	625.4	791.9
32.5°	0.0	26.1	62.5	106.6	158.7	221.6	296.0	390.7	507.2	652.2	826.9
30°	0.0	26.8	64.5	110.1	163.5	228.2	306.1	402.7	522.9	674.5	856.0
27.5°	0.0	27.5	66.3	113.3	168.1	233.9	314.8	415.2	537.5	692.3	879.1
25°	0.0	28.0	68.0	116.3	172.2	238.7	322.2	425.4	551.7	708.7	896.4
22.5°	0.0	28.6	69.5	118.9	175.7	242.9	328.2	433.3	562.4	722.0	911.2
20°	0.0	29.0	70.9	121.2	178.6	247.0	332.9	439.0	569.6	730.5	920.7
17.5°	0.0	29.4	72.1	123.1	180.9	250.4	337.1	442.6	573.6	734.6	925.2
15°	0.0	29.8	73.1	124.8	182.7	253.1	340.5	445.1	574.4	734.3	924.6
12.5°	0.0	30.1	73.9	126.2	184.0	255.1	342.6	446.9	574.4	729.9	919.1
10°	0.0	30.3	74.6	127.2	184.8	256.3	343.4	447.1	573.4	727.7	910.7
7.5°	0.0	30.5	75.1	127.9	185.1	256.9	343.1	445.5	570.1	723.1	901.4
5°	0.0	30.6	75.4	128.3	184.8	256.7	341.5	442.4	564.4	715.4	887.6
2.5°	0.0	30.7	75.6	128.4	184.1	255.8	338.9	437.8	556.5	704.8	869.7
0°	0.0	30.7	75.6	128.2	183.0	254.2	335.3	431.7	546.7	691.4	848.1
-2.5°	0.0	30.7	75.4	127.6	182.1	251.8	331.5	425.3	537.0	676.5	826.4
-5°	0.0	30.7	75.1	126.7	180.8	248.8	326.7	417.7	525.7	659.2	801.8
-7.5°	0.0	30.7	74.6	125.6	179.1	245.1	321.1	409.0	512.7	639.8	774.8
-10°	0.0	30.5	73.9	124.1	177.0	240.9	314.6	399.2	498.4	618.5	745.6
-12.5°	0.0	30.3	73.0	122.4	174.4	236.1	307.4	388.4	482.7	595.8	717.0
-15°	0.0	30.1	72.1	120.4	171.5	230.9	299.5	376.7	466.7	573.5	687.8
-17.5°	0.0	29.8	70.9	118.1	168.2	225.2	290.8	365.1	450.6	549.9	657.1
-20°	0.0	29.4	69.6	115.6	164.5	219.2	281.8	353.3	433.7	525.2	625.2



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 CATALOG NUMBER: GFLD-SA3C-927-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	28.9	68.2	112.9	160.5	212.8	272.8	340.7	416.0	499.8	592.3
-25°	0.0	28.5	66.7	109.9	156.1	206.3	263.3	327.3	397.7	473.7	558.6
-27.5°	0.0	27.9	65.0	106.7	151.3	199.6	253.3	313.2	378.9	448.3	526.6
-30°	0.0	27.3	63.2	103.3	146.2	192.5	242.8	298.4	360.7	425.3	494.7
-32.5°	0.0	26.6	61.3	99.7	141.0	185.0	232.0	284.6	342.6	402.1	462.9
-35°	0.0	25.9	59.2	95.9	135.5	177.1	221.8	271.0	324.0	378.9	431.5
-37.5°	0.0	25.2	57.1	91.9	129.7	169.2	211.8	257.2	304.9	355.8	405.5
-40°	0.0	24.3	54.8	87.8	123.7	161.5	201.3	243.1	285.3	333.3	380.9
-42.5°	0.0	23.5	52.4	83.4	117.7	153.6	190.6	228.8	267.8	311.6	355.9
-45°	0.0	22.5	50.0	79.0	111.7	145.5	179.5	214.9	251.2	289.8	330.7
-47.5°	0.0	21.6	47.4	74.4	105.5	137.1	168.1	201.7	234.7	268.1	306.6
-50°	0.0	20.5	44.8	70.2	99.2	128.5	157.7	188.1	218.4	249.8	282.7
-52.5°	0.0	19.5	42.1	66.1	92.6	119.7	147.3	174.4	202.6	231.2	259.1
-55°	0.0	18.4	39.3	62.0	85.8	111.3	136.7	160.6	186.8	212.3	238.3
-57.5°	0.0	17.2	36.4	57.7	78.9	102.7	125.9	148.3	170.8	194.2	217.2
-60°	0.0	16.1	33.5	53.2	71.9	93.9	115.1	135.8	155.0	176.1	196.4
-62.5°	0.0	14.8	31.0	48.7	65.9	85.0	104.5	123.2	140.8	157.9	176.5
-65°	0.0	13.6	28.4	44.1	59.9	75.9	93.8	110.5	126.4	141.5	156.5
-67.5°	0.0	12.3	25.8	39.4	53.7	67.5	82.8	98.1	111.9	125.4	138.1
-70°	0.0	11.0	23.1	34.7	47.4	59.7	71.8	85.5	97.9	109.2	120.5
-72.5°	0.0	9.7	20.3	30.4	41.1	51.9	62.3	72.8	84.0	94.1	103.1
-75°	0.0	8.4	17.5	26.1	34.7	44.0	53.0	61.6	70.0	78.9	87.0
-77.5°	0.0	7.0	14.7	21.9	28.8	36.0	43.5	50.9	57.8	64.3	70.8
-80°	0.0	5.6	11.8	17.5	23.1	28.6	34.1	40.1	45.8	51.2	56.1
-82.5°	0.0	4.2	8.9	13.2	17.4	21.5	25.5	29.6	33.7	38.0	41.9
-85°	0.0	2.8	5.9	8.8	11.6	14.3	17.0	19.8	22.5	25.2	27.8
-87.5°	0.0	1.4	3.0	4.4	5.8	7.2	8.5	9.9	11.2	12.6	13.9
-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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-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°	13.2	13.7	14.1	14.5	15.0	15.5	15.9	16.3	16.6	16.8	16.9
85°	26.3	27.4	30.7	33.7	37.0	39.9	42.5	44.8	46.6	48.2	49.3
82.5°	51.4	56.9	62.1	67.0	71.5	75.5	79.3	83.7	87.3	90.2	92.6
80°	78.8	86.3	95.5	104.0	111.7	118.8	125.2	131.0	135.5	140.0	144.4
77.5°	110.8	123.0	134.3	144.7	154.8	166.5	177.4	187.4	195.1	200.9	205.4
75°	145.2	159.6	176.1	192.4	207.7	221.9	235.6	252.3	265.9	276.1	284.3
72.5°	181.9	202.6	222.8	242.3	264.8	286.7	308.0	328.6	346.6	359.8	370.5
70°	221.6	245.6	273.5	301.6	328.7	356.2	385.5	412.2	434.2	449.9	464.7
67.5°	262.1	295.9	328.8	362.7	401.1	436.0	468.0	501.8	531.5	551.1	568.2
65°	308.8	346.6	390.6	435.5	477.7	521.3	561.8	598.4	635.9	663.2	685.6
62.5°	354.0	407.1	459.0	511.5	564.5	612.0	664.8	711.9	749.6	788.7	822.1
60°	407.5	470.6	534.3	597.7	656.9	723.6	781.5	836.2	886.7	930.2	971.3
57.5°	460.9	542.4	617.7	692.1	770.5	841.8	909.9	971.2	1031.5	1081.9	1131.3
55°	517.1	622.1	709.0	800.9	887.1	967.6	1044.1	1120.9	1185.2	1254.6	1315.0
52.5°	579.6	699.4	811.7	912.9	1010.1	1103.0	1194.5	1286.9	1377.1	1449.1	1517.3
50°	637.9	780.8	915.8	1031.3	1143.0	1253.3	1367.6	1483.1	1582.6	1664.9	1735.9
47.5°	702.1	856.3	1027.9	1155.6	1289.7	1426.4	1565.2	1692.8	1801.2	1913.1	1991.5
45°	764.7	932.8	1119.0	1296.2	1451.3	1616.9	1769.7	1910.5	2067.6	2189.8	2294.6
42.5°	821.8	1005.2	1212.5	1438.0	1631.9	1809.7	1975.1	2173.1	2353.5	2496.4	2627.2
40°	880.5	1071.2	1297.5	1569.7	1812.1	2001.8	2203.2	2422.0	2656.8	2832.7	2989.0
37.5°	934.3	1138.6	1375.2	1670.3	1989.5	2198.0	2420.7	2658.1	2925.9	3190.3	3378.2
35°	981.8	1195.7	1452.4	1752.0	2078.8	2388.2	2623.7	2876.6	3169.6	3512.7	3769.3
32.5°	1024.9	1242.3	1513.6	1815.8	2147.4	2510.1	2808.9	3068.5	3362.4	3716.5	4152.3
30°	1060.0	1287.4	1559.2	1861.9	2194.4	2555.7	2935.2	3217.9	3496.9	3844.4	4250.0
27.5°	1086.7	1320.5	1590.6	1890.7	2219.6	2576.9	2941.8	3290.7	3560.8	3887.8	4256.6
25°	1107.2	1347.6	1607.3	1901.4	2223.3	2567.6	2918.7	3248.9	3552.1	3840.4	4171.3
22.5°	1124.1	1366.3	1625.5	1894.2	2206.5	2534.5	2864.8	3179.6	3473.1	3742.9	4027.7
20°	1136.8	1378.3	1634.7	1901.2	2178.4	2480.8	2796.7	3096.3	3379.8	3641.1	3872.8
17.5°	1142.6	1381.8	1634.7	1899.9	2173.6	2438.2	2713.2	3001.2	3279.9	3539.5	3768.4
15°	1141.5	1377.2	1625.7	1889.8	2159.4	2421.5	2674.9	2912.5	3172.0	3434.4	3662.5
12.5°	1134.0	1364.8	1608.0	1870.9	2136.3	2395.2	2644.0	2882.6	3115.3	3335.1	3553.1
10°	1120.2	1344.8	1582.0	1843.3	2104.2	2359.3	2605.0	2844.3	3074.6	3290.4	3493.4
7.5°	1106.1	1322.5	1550.8	1807.2	2063.4	2314.0	2557.4	2797.2	3023.0	3238.3	3443.4
5°	1087.4	1298.9	1526.9	1772.5	2019.5	2264.0	2502.2	2740.8	2960.6	3177.9	3383.8
2.5°	1063.7	1269.6	1496.9	1730.6	1970.5	2212.3	2442.5	2676.7	2902.0	3110.9	3313.7
0°	1035.4	1234.8	1460.6	1680.8	1913.1	2151.9	2373.3	2602.3	2836.7	3034.0	3232.3
-2.5°	1004.6	1193.2	1407.7	1626.8	1851.3	2085.5	2312.4	2529.6	2758.9	2958.2	3160.8
-5°	970.0	1147.3	1349.2	1565.9	1782.2	2010.5	2241.7	2448.1	2667.2	2864.3	3063.5
-7.5°	932.2	1097.7	1285.9	1497.4	1703.5	1918.9	2137.8	2336.4	2549.4	2744.3	2938.4
-10°	892.3	1048.7	1224.5	1420.0	1614.3	1815.1	2020.7	2215.2	2420.0	2614.2	2800.9
-12.5°	854.1	1000.5	1161.1	1338.9	1520.3	1705.7	1897.0	2084.7	2279.0	2474.1	2648.6
-15°	814.1	949.7	1095.6	1255.0	1422.0	1591.8	1767.4	1945.1	2127.4	2318.3	2479.5
-17.5°	772.6	897.1	1028.8	1169.3	1320.3	1474.0	1635.6	1807.0	1973.8	2147.8	2303.7
-20°	730.2	842.8	961.5	1082.5	1216.7	1364.1	1515.2	1669.0	1820.6	1972.1	2118.6



REPORT NUMBER: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-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°	687.3	787.4	895.4	1001.8	1129.5	1262.6	1395.1	1528.7	1664.7	1795.1	1933.7
-25°	645.8	736.0	831.3	934.8	1044.4	1161.7	1275.7	1388.5	1509.1	1631.4	1750.6
-27.5°	605.7	685.3	775.4	867.7	959.0	1063.4	1163.1	1258.8	1364.0	1471.8	1568.2
-30°	565.6	641.2	720.1	802.0	882.3	969.5	1055.6	1139.6	1225.3	1317.7	1401.1
-32.5°	528.4	597.4	669.2	741.0	809.1	876.8	956.4	1031.0	1101.1	1166.9	1239.8
-35°	494.4	557.6	620.1	682.0	738.1	797.6	864.2	927.0	983.3	1036.1	1091.8
-37.5°	462.3	518.6	571.2	626.5	676.5	727.4	776.4	830.7	876.4	918.6	964.3
-40°	430.1	480.5	527.8	574.0	619.8	662.3	704.1	741.1	777.8	818.4	849.8
-42.5°	398.4	445.2	487.5	523.0	566.2	602.9	635.3	666.0	696.0	727.7	752.8
-45°	370.5	410.3	448.9	482.9	515.3	546.6	574.1	598.1	626.6	648.6	667.6
-47.5°	342.3	376.8	412.1	443.5	470.5	495.9	516.5	540.6	563.9	582.8	593.8
-50°	314.5	346.1	376.0	405.2	429.7	450.1	467.8	487.7	507.1	523.1	533.7
-52.5°	289.0	315.3	343.0	367.9	390.5	408.8	425.6	442.9	457.1	468.1	482.0
-55°	263.7	288.0	311.1	333.4	352.8	369.5	386.0	401.4	413.5	423.0	434.5
-57.5°	240.0	261.9	282.1	300.8	318.1	332.5	348.6	361.7	373.0	381.9	393.7
-60°	216.8	236.4	254.8	271.1	285.4	299.5	312.6	324.7	334.5	343.3	354.2
-62.5°	193.8	211.6	228.1	243.1	256.0	267.8	279.6	289.9	298.1	307.2	316.2
-65°	172.3	187.2	201.7	215.4	227.6	238.8	248.5	256.8	264.6	272.7	279.9
-67.5°	150.8	164.8	176.9	187.8	199.1	209.9	218.9	226.6	233.1	239.7	245.8
-70°	131.6	142.7	153.8	163.6	172.2	181.2	190.0	197.2	203.0	208.2	213.1
-72.5°	112.7	122.5	131.7	140.1	147.9	155.2	162.1	168.6	174.0	178.1	181.6
-75°	94.8	102.4	110.3	117.7	124.0	129.7	135.0	140.2	144.6	148.1	150.9
-77.5°	77.5	84.0	90.0	95.7	100.3	104.7	108.9	112.7	116.0	118.7	120.6
-80°	60.9	65.5	70.4	75.1	78.6	81.7	84.3	86.5	89.0	91.6	93.8
-82.5°	45.3	48.7	51.9	55.1	57.5	59.6	61.5	63.2	65.0	66.7	68.1
-85°	29.9	31.8	33.8	35.7	37.6	39.2	40.6	41.9	42.8	43.7	44.4
-87.5°	14.9	15.9	16.8	17.6	18.5	19.4	20.2	20.9	21.4	21.8	22.2
-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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	17.0	17.1	17.1	17.0	16.9	16.2	15.4	14.6	13.7	14.1	14.5
85°	50.2	50.4	50.2	49.8	49.0	48.9	48.7	48.4	48.0	48.7	49.3
82.5°	94.5	95.2	95.3	94.9	94.0	94.4	94.5	94.3	93.8	94.4	94.8
80°	147.8	149.1	149.2	148.2	146.2	146.5	146.6	146.2	145.2	145.5	145.4
77.5°	210.5	213.7	214.8	214.4	212.4	211.7	210.3	207.5	203.3	203.2	203.3
75°	290.5	293.8	295.5	295.4	293.5	292.2	290.3	287.1	282.4	282.2	282.2
72.5°	378.8	383.6	385.8	387.8	387.8	387.1	384.7	379.8	372.6	371.7	372.6
70°	476.3	484.5	489.7	493.7	496.9	497.6	496.0	492.1	485.7	484.0	483.5
67.5°	584.9	598.1	608.0	614.6	620.8	625.3	627.0	625.2	620.1	618.4	619.1
65°	706.7	726.9	743.6	756.2	764.6	770.5	775.7	778.7	779.5	781.3	783.7
62.5°	848.9	873.7	897.0	912.9	921.0	926.7	943.4	953.0	955.8	956.4	960.1
60°	1007.7	1039.1	1068.1	1091.4	1110.2	1124.5	1138.7	1148.1	1151.6	1152.3	1157.4
57.5°	1181.3	1220.8	1254.7	1290.8	1316.0	1330.6	1349.6	1369.1	1379.4	1382.3	1394.3
55°	1373.4	1427.3	1471.3	1509.9	1545.1	1576.0	1602.1	1622.3	1637.2	1646.1	1662.1
52.5°	1585.8	1649.1	1695.2	1740.5	1790.9	1826.4	1849.7	1887.0	1914.0	1928.8	1947.8
50°	1819.1	1889.6	1952.4	1999.9	2058.5	2107.0	2142.4	2177.7	2202.4	2216.6	2235.0
47.5°	2084.6	2171.5	2244.3	2288.3	2356.3	2413.5	2436.6	2463.2	2509.8	2532.2	2551.9
45°	2383.6	2494.4	2575.3	2644.2	2702.7	2766.7	2808.7	2839.0	2884.9	2907.9	2922.5
42.5°	2739.3	2862.5	2969.1	3051.8	3100.9	3184.1	3244.8	3261.8	3326.8	3370.9	3383.9
40°	3138.2	3274.8	3415.4	3509.6	3588.8	3673.3	3773.3	3829.0	3884.0	3927.2	3937.0
37.5°	3553.9	3736.7	3897.2	4018.9	4149.8	4274.4	4380.5	4438.3	4474.4	4557.0	4587.9
35°	3976.5	4165.2	4389.9	4579.2	4737.8	4891.6	5012.6	5107.9	5198.6	5273.0	5317.6
32.5°	4336.3	4539.4	4817.0	5100.2	5271.5	5438.0	5636.8	5745.8	5866.8	5964.9	6036.5
30°	4632.1	4825.1	5077.8	5433.3	5667.8	5836.6	6088.1	6238.8	6370.7	6536.9	6594.7
27.5°	4646.1	4947.8	5171.3	5477.4	5829.3	6000.7	6186.9	6460.8	6543.9	6780.9	6815.1
25°	4524.1	4841.0	5070.6	5326.1	5618.7	5827.2	5997.2	6225.0	6344.2	6496.7	6613.8
22.5°	4333.4	4612.6	4846.9	5063.6	5291.9	5481.7	5637.1	5797.2	5928.0	6046.4	6156.2
20°	4122.7	4387.8	4609.9	4796.3	4977.2	5153.2	5292.9	5427.4	5540.6	5642.2	5704.7
17.5°	3974.3	4165.0	4392.1	4583.0	4739.8	4877.9	5022.5	5135.1	5234.4	5325.7	5382.9
15°	3873.1	4054.4	4216.0	4391.2	4556.5	4688.2	4797.0	4913.2	4999.0	5077.7	5139.5
12.5°	3767.9	3954.8	4123.9	4269.8	4399.2	4543.0	4659.4	4750.8	4840.8	4902.6	4966.1
10°	3680.1	3855.0	4030.4	4184.4	4320.6	4439.1	4549.3	4651.7	4732.5	4801.8	4851.9
7.5°	3629.2	3800.6	3958.3	4106.1	4238.8	4365.0	4478.7	4572.7	4652.7	4724.4	4776.9
5°	3570.1	3739.7	3897.2	4048.2	4175.7	4297.0	4410.2	4506.8	4589.7	4653.6	4703.8
2.5°	3502.3	3669.7	3826.7	3980.3	4107.7	4224.7	4331.8	4426.0	4512.4	4573.3	4616.0
0°	3425.1	3592.8	3746.2	3890.8	4019.0	4145.0	4243.6	4338.9	4423.3	4483.6	4526.3
-2.5°	3347.2	3513.9	3672.7	3811.2	3938.5	4054.8	4159.8	4249.8	4330.4	4390.4	4427.9
-5°	3243.7	3409.3	3566.1	3705.7	3838.6	3955.4	4057.4	4149.0	4226.6	4292.0	4342.9
-7.5°	3118.4	3285.9	3442.4	3585.0	3717.3	3827.6	3925.7	4017.9	4100.8	4172.2	4234.8
-10°	2980.6	3146.2	3294.1	3427.7	3551.0	3663.1	3767.4	3858.6	3934.5	4004.4	4057.2
-12.5°	2820.1	2973.5	3118.1	3249.8	3370.3	3482.7	3581.8	3668.6	3745.0	3807.1	3854.6
-15°	2643.0	2788.6	2925.6	3060.2	3186.4	3297.0	3384.2	3475.7	3541.9	3602.2	3645.0
-17.5°	2453.6	2594.3	2738.4	2873.3	2989.8	3099.0	3194.9	3278.5	3348.0	3403.3	3451.6
-20°	2261.6	2404.9	2543.6	2672.2	2784.2	2885.4	2982.6	3062.9	3134.1	3194.2	3250.8



REPORT NUMBER: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	2068.8	2200.2	2330.4	2456.2	2562.1	2657.8	2742.9	2819.7	2882.5	2953.4	3003.4
-25°	1870.6	1985.8	2103.5	2214.5	2314.7	2408.7	2485.8	2553.2	2618.7	2687.1	2735.8
-27.5°	1671.6	1773.5	1869.0	1967.2	2055.0	2136.4	2208.0	2267.0	2330.6	2376.2	2429.8
-30°	1474.7	1567.1	1646.8	1715.2	1797.7	1867.6	1923.3	1981.8	2034.4	2078.0	2123.1
-32.5°	1308.0	1371.2	1434.8	1492.0	1546.9	1604.3	1649.2	1700.3	1736.4	1773.9	1810.4
-35°	1147.8	1196.5	1238.7	1292.2	1333.4	1364.6	1402.0	1439.5	1454.0	1494.8	1516.6
-37.5°	1002.7	1034.7	1074.1	1111.3	1141.9	1165.3	1198.6	1218.2	1228.6	1255.0	1269.1
-40°	878.6	898.7	935.5	960.9	979.3	996.3	1024.0	1036.7	1050.9	1064.0	1064.4
-42.5°	769.3	795.3	820.2	840.2	851.8	871.1	884.2	885.7	903.9	915.6	917.4
-45°	680.0	706.3	726.1	740.8	752.4	769.0	777.4	782.1	797.0	805.0	808.4
-47.5°	611.3	629.8	646.9	658.2	673.4	685.7	691.9	699.7	711.2	718.5	723.7
-50°	551.0	565.6	578.6	589.0	604.1	615.1	621.0	630.6	639.2	644.5	648.6
-52.5°	497.9	511.0	520.0	530.1	542.6	552.3	559.9	569.4	576.5	581.2	584.8
-55°	448.3	460.5	469.3	480.3	489.3	495.8	502.2	511.5	518.5	523.3	526.4
-57.5°	404.4	413.7	422.3	432.2	440.8	447.8	453.6	458.7	463.3	467.2	470.2
-60°	363.4	370.9	378.8	386.6	393.0	398.1	404.2	408.9	411.9	413.8	416.2
-62.5°	323.9	330.6	337.6	343.9	349.1	353.3	358.3	362.2	364.9	366.9	368.3
-65°	286.4	292.2	298.1	303.3	307.8	311.5	315.0	317.7	319.7	321.3	322.6
-67.5°	251.3	255.9	260.0	263.6	267.0	270.2	273.2	275.3	276.4	277.8	279.1
-70°	217.4	221.0	223.8	226.0	228.0	230.5	233.4	235.5	236.6	237.9	239.2
-72.5°	184.6	187.3	189.6	191.4	192.5	194.1	196.1	197.8	199.1	200.0	200.5
-75°	153.1	155.3	157.3	158.7	159.5	160.7	161.7	162.2	162.3	162.8	163.1
-77.5°	122.3	124.4	126.3	127.6	128.4	129.4	130.1	130.6	130.7	130.7	130.4
-80°	95.5	97.0	98.2	99.1	99.7	100.4	100.8	100.8	100.6	100.8	100.9
-82.5°	69.4	70.7	71.8	72.6	73.1	73.8	74.3	74.7	74.9	75.0	74.9
-85°	44.9	45.5	46.1	46.6	47.1	47.4	47.5	47.6	47.4	47.5	47.4
-87.5°	22.4	22.2	21.8	21.4	20.9	21.0	21.1	21.1	21.2	21.4	21.6
-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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-U-WAF-XX

**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°	14.9	15.2	14.2	13.1	14.2	15.2	14.9	14.5	14.1	13.7	14.6
85°	49.8	50.1	49.2	48.2	49.2	50.1	49.8	49.3	48.7	48.0	48.4
82.5°	95.0	94.8	94.1	93.1	94.1	94.8	95.0	94.8	94.4	93.8	94.3
80°	144.9	143.9	143.3	142.4	143.3	143.9	144.9	145.4	145.5	145.2	146.2
77.5°	202.8	201.7	203.5	204.9	203.5	201.7	202.8	203.3	203.2	203.3	207.5
75°	281.1	279.0	276.9	273.9	276.9	279.0	281.1	282.2	282.2	282.4	287.1
72.5°	372.1	370.4	368.8	366.0	368.8	370.4	372.1	372.6	371.7	372.6	379.8
70°	480.6	475.5	476.3	476.6	476.3	475.5	480.6	483.5	484.0	485.7	492.1
67.5°	617.1	612.5	613.0	612.5	613.0	612.5	617.1	619.1	618.4	620.1	625.2
65°	782.3	777.0	770.8	761.5	770.8	777.0	782.3	783.7	781.3	779.5	778.7
62.5°	959.6	955.0	957.7	959.8	957.7	955.0	959.6	960.1	956.4	955.8	953.0
60°	1156.6	1150.2	1146.9	1141.7	1146.9	1150.2	1156.6	1157.4	1152.3	1151.6	1148.1
57.5°	1399.9	1398.7	1395.8	1388.2	1395.8	1398.7	1399.9	1394.3	1382.3	1379.4	1369.1
55°	1669.6	1668.0	1674.3	1681.9	1674.3	1668.0	1669.6	1662.1	1646.1	1637.2	1622.3
52.5°	1961.9	1966.8	1965.0	1954.7	1965.0	1966.8	1961.9	1947.8	1928.8	1914.0	1887.0
50°	2251.2	2256.7	2262.7	2268.1	2262.7	2256.7	2251.2	2235.0	2216.6	2202.4	2177.7
47.5°	2579.1	2593.6	2596.2	2585.8	2596.2	2593.6	2579.1	2551.9	2532.2	2509.8	2463.2
45°	2951.6	2960.4	2964.9	2973.7	2964.9	2960.4	2951.6	2922.5	2907.9	2884.9	2839.0
42.5°	3421.3	3431.4	3433.0	3442.7	3433.0	3431.4	3421.3	3383.9	3370.9	3326.8	3261.8
40°	3978.8	3995.3	3992.4	3988.3	3992.4	3995.3	3978.8	3937.0	3927.2	3884.0	3829.0
37.5°	4631.4	4659.4	4662.4	4679.7	4662.4	4659.4	4631.4	4587.9	4557.0	4474.4	4438.3
35°	5363.8	5396.8	5391.1	5399.6	5391.1	5396.8	5363.8	5317.6	5273.0	5198.6	5107.9
32.5°	6102.5	6152.1	6162.1	6203.8	6162.1	6152.1	6102.5	6036.5	5964.9	5866.8	5745.8
30°	6682.9	6752.4	6797.8	6794.4	6797.8	6752.4	6682.9	6594.7	6536.9	6370.7	6238.8
27.5°	6923.4	7013.4	7097.7	7123.1	7097.7	7013.4	6923.4	6815.1	6780.9	6543.9	6460.8
25°	6688.8	6754.6	6829.0	6868.9	6829.0	6754.6	6688.8	6613.8	6496.7	6344.2	6225.0
22.5°	6206.8	6249.6	6274.9	6254.2	6274.9	6249.6	6206.8	6156.2	6046.4	5928.0	5797.2
20°	5769.4	5823.5	5833.5	5855.4	5833.5	5823.5	5769.4	5704.7	5642.2	5540.6	5427.4
17.5°	5443.8	5479.3	5500.0	5504.7	5500.0	5479.3	5443.8	5382.9	5325.7	5234.4	5135.1
15°	5188.6	5217.0	5235.7	5244.0	5235.7	5217.0	5188.6	5139.5	5077.7	4999.0	4913.2
12.5°	5007.8	5042.5	5059.4	5069.7	5059.4	5042.5	5007.8	4966.1	4902.6	4840.8	4750.8
10°	4891.9	4925.3	4938.8	4943.7	4938.8	4925.3	4891.9	4851.9	4801.8	4732.5	4651.7
7.5°	4808.6	4830.1	4839.1	4846.2	4839.1	4830.1	4808.6	4776.9	4724.4	4652.7	4572.7
5°	4741.5	4758.5	4768.1	4778.3	4768.1	4758.5	4741.5	4703.8	4653.6	4589.7	4506.8
2.5°	4650.1	4674.4	4691.3	4701.6	4691.3	4674.4	4650.1	4616.0	4573.3	4512.4	4426.0
0°	4560.3	4583.3	4595.3	4615.0	4595.3	4583.3	4560.3	4526.3	4483.6	4423.3	4338.9
-2.5°	4461.5	4488.2	4519.8	4550.4	4519.8	4488.2	4461.5	4427.9	4390.4	4330.4	4249.8
-5°	4386.0	4421.2	4427.8	4447.4	4427.8	4421.2	4386.0	4342.9	4292.0	4226.6	4149.0
-7.5°	4272.1	4288.1	4315.4	4320.3	4315.4	4288.1	4272.1	4234.8	4172.2	4100.8	4017.9
-10°	4096.6	4122.6	4139.7	4157.0	4139.7	4122.6	4096.6	4057.2	4004.4	3934.5	3858.6
-12.5°	3890.3	3920.9	3948.4	3944.5	3948.4	3920.9	3890.3	3854.6	3807.1	3745.0	3668.6
-15°	3689.3	3719.0	3737.8	3735.2	3737.8	3719.0	3689.3	3645.0	3602.2	3541.9	3475.7
-17.5°	3489.9	3516.9	3544.1	3543.5	3544.1	3516.9	3489.9	3451.6	3403.3	3348.0	3278.5
-20°	3283.9	3307.0	3336.2	3348.4	3336.2	3307.0	3283.9	3250.8	3194.2	3134.1	3062.9



REPORT NUMBER: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-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°	3045.7	3075.3	3096.5	3109.6	3096.5	3075.3	3045.7	3003.4	2953.4	2882.5	2819.7
-25°	2768.1	2798.5	2814.6	2820.3	2814.6	2798.5	2768.1	2735.8	2687.1	2618.7	2553.2
-27.5°	2461.4	2495.5	2512.1	2503.6	2512.1	2495.5	2461.4	2429.8	2376.2	2330.6	2267.0
-30°	2146.8	2168.7	2171.3	2190.3	2171.3	2168.7	2146.8	2123.1	2078.0	2034.4	1981.8
-32.5°	1836.5	1851.2	1842.9	1844.0	1842.9	1851.2	1836.5	1810.4	1773.9	1736.4	1700.3
-35°	1530.1	1541.8	1544.2	1565.7	1544.2	1541.8	1530.1	1516.6	1494.8	1454.0	1439.5
-37.5°	1283.8	1288.5	1281.3	1271.0	1281.3	1288.5	1283.8	1269.1	1255.0	1228.6	1218.2
-40°	1074.9	1078.5	1075.8	1070.5	1075.8	1078.5	1074.9	1064.4	1064.0	1050.9	1036.7
-42.5°	924.6	924.6	922.2	921.5	922.2	924.6	924.6	917.4	915.6	903.9	885.7
-45°	813.5	814.7	814.5	814.1	814.5	814.7	813.5	808.4	805.0	797.0	782.1
-47.5°	727.4	727.6	726.4	724.2	726.4	727.6	727.4	723.7	718.5	711.2	699.7
-50°	651.1	651.1	652.6	655.2	652.6	651.1	651.1	648.6	644.5	639.2	630.6
-52.5°	586.7	586.6	587.4	588.4	587.4	586.6	586.7	584.8	581.2	576.5	569.4
-55°	527.8	527.4	526.6	524.8	526.6	527.4	527.8	526.4	523.3	518.5	511.5
-57.5°	471.3	470.7	469.3	466.8	469.3	470.7	471.3	470.2	467.2	463.3	458.7
-60°	417.6	417.8	417.2	415.3	417.2	417.8	417.6	416.2	413.8	411.9	408.9
-62.5°	368.6	367.9	367.8	367.1	367.8	367.9	368.6	368.3	366.9	364.9	362.2
-65°	322.8	322.0	322.3	322.1	322.3	322.0	322.8	322.6	321.3	319.7	317.7
-67.5°	279.6	279.4	279.6	279.4	279.6	279.4	279.6	279.1	277.8	276.4	275.3
-70°	239.9	240.0	238.7	236.7	238.7	240.0	239.9	239.2	237.9	236.6	235.5
-72.5°	200.4	199.7	199.7	199.4	199.7	199.7	200.4	200.5	200.0	199.1	197.8
-75°	163.0	162.6	163.6	164.4	163.6	162.6	163.0	163.1	162.8	162.3	162.2
-77.5°	129.8	128.8	129.7	130.4	129.7	128.8	129.8	130.4	130.7	130.7	130.6
-80°	100.8	100.4	100.2	99.7	100.2	100.4	100.8	100.9	100.8	100.6	100.8
-82.5°	74.6	74.2	73.9	73.4	73.9	74.2	74.6	74.9	75.0	74.9	74.7
-85°	47.2	46.9	47.6	48.2	47.6	46.9	47.2	47.4	47.5	47.4	47.6
-87.5°	21.7	21.8	21.3	20.8	21.3	21.8	21.7	21.6	21.4	21.2	21.1
-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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-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°	15.4	16.2	16.9	17.0	17.1	17.1	17.0	16.9	16.8	16.6	16.3
85°	48.7	48.9	49.0	49.8	50.2	50.4	50.2	49.3	48.2	46.6	44.8
82.5°	94.5	94.4	94.0	94.9	95.3	95.2	94.5	92.6	90.2	87.3	83.7
80°	146.6	146.5	146.2	148.2	149.2	149.1	147.8	144.4	140.0	135.5	131.0
77.5°	210.3	211.7	212.4	214.4	214.8	213.7	210.5	205.4	200.9	195.1	187.4
75°	290.3	292.2	293.5	295.4	295.5	293.8	290.5	284.3	276.1	265.9	252.3
72.5°	384.7	387.1	387.8	387.8	385.8	383.6	378.8	370.5	359.8	346.6	328.6
70°	496.0	497.6	496.9	493.7	489.7	484.5	476.3	464.7	449.9	434.2	412.2
67.5°	627.0	625.3	620.8	614.6	608.0	598.1	584.9	568.2	551.1	531.5	501.8
65°	775.7	770.5	764.6	756.2	743.6	726.9	706.7	685.6	663.2	635.9	598.4
62.5°	943.4	926.7	921.0	912.9	897.0	873.7	848.9	822.1	788.7	749.6	711.9
60°	1138.7	1124.5	1110.2	1091.4	1068.1	1039.1	1007.7	971.3	930.2	886.7	836.2
57.5°	1349.6	1330.6	1316.0	1290.8	1254.7	1220.8	1181.3	1131.3	1081.9	1031.5	971.2
55°	1602.1	1576.0	1545.1	1509.9	1471.3	1427.3	1373.4	1315.0	1254.6	1185.2	1120.9
52.5°	1849.7	1826.4	1790.9	1740.5	1695.2	1649.1	1585.8	1517.3	1449.1	1377.1	1286.9
50°	2142.4	2107.0	2058.5	1999.9	1952.4	1889.6	1819.1	1735.9	1664.9	1582.6	1483.1
47.5°	2436.6	2413.5	2356.3	2288.3	2244.3	2171.5	2084.6	1991.5	1913.1	1801.2	1692.8
45°	2808.7	2766.7	2702.7	2644.2	2575.3	2494.4	2383.6	2294.6	2189.8	2067.6	1910.5
42.5°	3244.8	3184.1	3100.9	3051.8	2969.1	2862.5	2739.3	2627.2	2496.4	2353.5	2173.1
40°	3773.3	3673.3	3588.8	3509.6	3415.4	3274.8	3138.2	2989.0	2832.7	2656.8	2422.0
37.5°	4380.5	4274.4	4149.8	4018.9	3897.2	3736.7	3553.9	3378.2	3190.3	2925.9	2658.1
35°	5012.6	4891.6	4737.8	4579.2	4389.9	4165.2	3976.5	3769.3	3512.7	3169.6	2876.6
32.5°	5636.8	5438.0	5271.5	5100.2	4817.0	4539.4	4336.3	4152.3	3716.5	3362.4	3068.5
30°	6088.1	5836.6	5667.8	5433.3	5077.8	4825.1	4632.1	4250.0	3844.4	3496.9	3217.9
27.5°	6186.9	6000.7	5829.3	5477.4	5171.3	4947.8	4646.1	4256.6	3887.8	3560.8	3290.7
25°	5997.2	5827.2	5618.7	5326.1	5070.6	4841.0	4524.1	4171.3	3840.4	3552.1	3248.9
22.5°	5637.1	5481.7	5291.9	5063.6	4846.9	4612.6	4333.4	4027.7	3742.9	3473.1	3179.6
20°	5292.9	5153.2	4977.2	4796.3	4609.9	4387.8	4122.7	3872.8	3641.1	3379.8	3096.3
17.5°	5022.5	4877.9	4739.8	4583.0	4392.1	4165.0	3974.3	3768.4	3539.5	3279.9	3001.2
15°	4797.0	4688.2	4556.5	4391.2	4216.0	4054.4	3873.1	3662.5	3434.4	3172.0	2912.5
12.5°	4659.4	4543.0	4399.2	4269.8	4123.9	3954.8	3767.9	3553.1	3335.1	3115.3	2882.6
10°	4549.3	4439.1	4320.6	4184.4	4030.4	3855.0	3680.1	3493.4	3290.4	3074.6	2844.3
7.5°	4478.7	4365.0	4238.8	4106.1	3958.3	3800.6	3629.2	3443.4	3238.3	3023.0	2797.2
5°	4410.2	4297.0	4175.7	4048.2	3897.2	3739.7	3570.1	3383.8	3177.9	2960.6	2740.8
2.5°	4331.8	4224.7	4107.7	3980.3	3826.7	3669.7	3502.3	3313.7	3110.9	2902.0	2676.7
0°	4243.6	4145.0	4019.0	3890.8	3746.2	3592.8	3425.1	3232.3	3034.0	2836.7	2602.3
-2.5°	4159.8	4054.8	3938.5	3811.2	3672.7	3513.9	3347.2	3160.8	2958.2	2758.9	2529.6
-5°	4057.4	3955.4	3838.6	3705.7	3566.1	3409.3	3243.7	3063.5	2864.3	2667.2	2448.1
-7.5°	3925.7	3827.6	3717.3	3585.0	3442.4	3285.9	3118.4	2938.4	2744.3	2549.4	2336.4
-10°	3767.4	3663.1	3551.0	3427.7	3294.1	3146.2	2980.6	2800.9	2614.2	2420.0	2215.2
-12.5°	3581.8	3482.7	3370.3	3249.8	3118.1	2973.5	2820.1	2648.6	2474.1	2279.0	2084.7
-15°	3384.2	3297.0	3186.4	3060.2	2925.6	2788.6	2643.0	2479.5	2318.3	2127.4	1945.1
-17.5°	3194.9	3099.0	2989.8	2873.3	2738.4	2594.3	2453.6	2303.7	2147.8	1973.8	1807.0
-20°	2982.6	2885.4	2784.2	2672.2	2543.6	2404.9	2261.6	2118.6	1972.1	1820.6	1669.0



REPORT NUMBER: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2742.9	2657.8	2562.1	2456.2	2330.4	2200.2	2068.8	1933.7	1795.1	1664.7	1528.7
-25°	2485.8	2408.7	2314.7	2214.5	2103.5	1985.8	1870.6	1750.6	1631.4	1509.1	1388.5
-27.5°	2208.0	2136.4	2055.0	1967.2	1869.0	1773.5	1671.6	1568.2	1471.8	1364.0	1258.8
-30°	1923.3	1867.6	1797.7	1715.2	1646.8	1567.1	1474.7	1401.1	1317.7	1225.3	1139.6
-32.5°	1649.2	1604.3	1546.9	1492.0	1434.8	1371.2	1308.0	1239.8	1166.9	1101.1	1031.0
-35°	1402.0	1364.6	1333.4	1292.2	1238.7	1196.5	1147.8	1091.8	1036.1	983.3	927.0
-37.5°	1198.6	1165.3	1141.9	1111.3	1074.1	1034.7	1002.7	964.3	918.6	876.4	830.7
-40°	1024.0	996.3	979.3	960.9	935.5	898.7	878.6	849.8	818.4	777.8	741.1
-42.5°	884.2	871.1	851.8	840.2	820.2	795.3	769.3	752.8	727.7	696.0	666.0
-45°	777.4	769.0	752.4	740.8	726.1	706.3	680.0	667.6	648.6	626.6	598.1
-47.5°	691.9	685.7	673.4	658.2	646.9	629.8	611.3	593.8	582.8	563.9	540.6
-50°	621.0	615.1	604.1	589.0	578.6	565.6	551.0	533.7	523.1	507.1	487.7
-52.5°	559.9	552.3	542.6	530.1	520.0	511.0	497.9	482.0	468.1	457.1	442.9
-55°	502.2	495.8	489.3	480.3	469.3	460.5	448.3	434.5	423.0	413.5	401.4
-57.5°	453.6	447.8	440.8	432.2	422.3	413.7	404.4	393.7	381.9	373.0	361.7
-60°	404.2	398.1	393.0	386.6	378.8	370.9	363.4	354.2	343.3	334.5	324.7
-62.5°	358.3	353.3	349.1	343.9	337.6	330.6	323.9	316.2	307.2	298.1	289.9
-65°	315.0	311.5	307.8	303.3	298.1	292.2	286.4	279.9	272.7	264.6	256.8
-67.5°	273.2	270.2	267.0	263.6	260.0	255.9	251.3	245.8	239.7	233.1	226.6
-70°	233.4	230.5	228.0	226.0	223.8	221.0	217.4	213.1	208.2	203.0	197.2
-72.5°	196.1	194.1	192.5	191.4	189.6	187.3	184.6	181.6	178.1	174.0	168.6
-75°	161.7	160.7	159.5	158.7	157.3	155.3	153.1	150.9	148.1	144.6	140.2
-77.5°	130.1	129.4	128.4	127.6	126.3	124.4	122.3	120.6	118.7	116.0	112.7
-80°	100.8	100.4	99.7	99.1	98.2	97.0	95.5	93.8	91.6	89.0	86.5
-82.5°	74.3	73.8	73.1	72.6	71.8	70.7	69.4	68.1	66.7	65.0	63.2
-85°	47.5	47.4	47.1	46.6	46.1	45.5	44.9	44.4	43.7	42.8	41.9
-87.5°	21.1	21.0	20.9	21.4	21.8	22.2	22.4	22.2	21.8	21.4	20.9
-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: P558786 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-927-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°	15.9	15.5	15.0	14.5	14.1	13.7	13.2	12.5	11.4	10.3	9.1
85°	42.5	39.9	37.0	33.7	30.7	27.4	26.3	25.0	22.8	20.6	18.3
82.5°	79.3	75.5	71.5	67.0	62.1	56.9	51.4	45.5	38.4	31.5	27.4
80°	125.2	118.8	111.7	104.0	95.5	86.3	78.8	70.6	60.5	50.7	41.3
77.5°	177.4	166.5	154.8	144.7	134.3	123.0	110.8	97.1	82.4	69.8	57.6
75°	235.6	221.9	207.7	192.4	176.1	159.6	145.2	128.4	108.5	89.1	73.7
72.5°	308.0	286.7	264.8	242.3	222.8	202.6	181.9	159.2	135.8	112.9	90.7
70°	385.5	356.2	328.7	301.6	273.5	245.6	221.6	193.5	162.7	136.4	110.9
67.5°	468.0	436.0	401.1	362.7	328.8	295.9	262.1	228.1	193.7	159.5	130.7
65°	561.8	521.3	477.7	435.5	390.6	346.6	308.8	264.0	224.0	186.2	150.0
62.5°	664.8	612.0	564.5	511.5	459.0	407.1	354.0	303.5	254.6	212.3	171.6
60°	781.5	723.6	656.9	597.7	534.3	470.6	407.5	341.6	288.3	237.7	193.6
57.5°	909.9	841.8	770.5	692.1	617.7	542.4	460.9	385.3	320.8	265.3	214.8
55°	1044.1	967.6	887.1	800.9	709.0	622.1	517.1	429.9	353.7	292.6	234.5
52.5°	1194.5	1103.0	1010.1	912.9	811.7	699.4	579.6	472.0	390.5	318.7	255.4
50°	1367.6	1253.3	1143.0	1031.3	915.8	780.8	637.9	522.3	425.1	345.0	275.3
47.5°	1565.2	1426.4	1289.7	1155.6	1027.9	856.3	702.1	570.3	457.3	373.1	293.9
45°	1769.7	1616.9	1451.3	1296.2	1119.0	932.8	764.7	614.6	496.3	397.5	311.0
42.5°	1975.1	1809.7	1631.9	1438.0	1212.5	1005.2	821.8	664.3	532.2	419.9	328.9
40°	2203.2	2001.8	1812.1	1569.7	1297.5	1071.2	880.5	710.9	564.5	442.6	346.8
37.5°	2420.7	2198.0	1989.5	1670.3	1375.2	1138.6	934.3	752.6	594.0	467.1	363.1
35°	2623.7	2388.2	2078.8	1752.0	1452.4	1195.7	981.8	791.9	625.4	488.6	377.7
32.5°	2808.9	2510.1	2147.4	1815.8	1513.6	1242.3	1024.9	826.9	652.2	507.2	390.7
30°	2935.2	2555.7	2194.4	1861.9	1559.2	1287.4	1060.0	856.0	674.5	522.9	402.7
27.5°	2941.8	2576.9	2219.6	1890.7	1590.6	1320.5	1086.7	879.1	692.3	537.5	415.2
25°	2918.7	2567.6	2223.3	1901.4	1607.3	1347.6	1107.2	896.4	708.7	551.7	425.4
22.5°	2864.8	2534.5	2206.5	1894.2	1625.5	1366.3	1124.1	911.2	722.0	562.4	433.3
20°	2796.7	2480.8	2178.4	1901.2	1634.7	1378.3	1136.8	920.7	730.5	569.6	439.0
17.5°	2713.2	2438.2	2173.6	1899.9	1634.7	1381.8	1142.6	925.2	734.6	573.6	442.6
15°	2674.9	2421.5	2159.4	1889.8	1625.7	1377.2	1141.5	924.6	734.3	574.4	445.1
12.5°	2644.0	2395.2	2136.3	1870.9	1608.0	1364.8	1134.0	919.1	729.9	574.4	446.9
10°	2605.0	2359.3	2104.2	1843.3	1582.0	1344.8	1120.2	910.7	727.7	573.4	447.1
7.5°	2557.4	2314.0	2063.4	1807.2	1550.8	1322.5	1106.1	901.4	723.1	570.1	445.5
5°	2502.2	2264.0	2019.5	1772.5	1526.9	1298.9	1087.4	887.6	715.4	564.4	442.4
2.5°	2442.5	2212.3	1970.5	1730.6	1496.9	1269.6	1063.7	869.7	704.8	556.5	437.8
0°	2373.3	2151.9	1913.1	1680.8	1460.6	1234.8	1035.4	848.1	691.4	546.7	431.7
-2.5°	2312.4	2085.5	1851.3	1626.8	1407.7	1193.2	1004.6	826.4	676.5	537.0	425.3
-5°	2241.7	2010.5	1782.2	1565.9	1349.2	1147.3	970.0	801.8	659.2	525.7	417.7
-7.5°	2137.8	1918.9	1703.5	1497.4	1285.9	1097.7	932.2	774.8	639.8	512.7	409.0
-10°	2020.7	1815.1	1614.3	1420.0	1224.5	1048.7	892.3	745.6	618.5	498.4	399.2
-12.5°	1897.0	1705.7	1520.3	1338.9	1161.1	1000.5	854.1	717.0	595.8	482.7	388.4
-15°	1767.4	1591.8	1422.0	1255.0	1095.6	949.7	814.1	687.8	573.5	466.7	376.7
-17.5°	1635.6	1474.0	1320.3	1169.3	1028.8	897.1	772.6	657.1	549.9	450.6	365.1
-20°	1515.2	1364.1	1216.7	1082.5	961.5	842.8	730.2	625.2	525.2	433.7	353.3



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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°	1395.1	1262.6	1129.5	1001.8	895.4	787.4	687.3	592.3	499.8	416.0	340.7
-25°	1275.7	1161.7	1044.4	934.8	831.3	736.0	645.8	558.6	473.7	397.7	327.3
-27.5°	1163.1	1063.4	959.0	867.7	775.4	685.3	605.7	526.6	448.3	378.9	313.2
-30°	1055.6	969.5	882.3	802.0	720.1	641.2	565.6	494.7	425.3	360.7	298.4
-32.5°	956.4	876.8	809.1	741.0	669.2	597.4	528.4	462.9	402.1	342.6	284.6
-35°	864.2	797.6	738.1	682.0	620.1	557.6	494.4	431.5	378.9	324.0	271.0
-37.5°	776.4	727.4	676.5	626.5	571.2	518.6	462.3	405.5	355.8	304.9	257.2
-40°	704.1	662.3	619.8	574.0	527.8	480.5	430.1	380.9	333.3	285.3	243.1
-42.5°	635.3	602.9	566.2	523.0	487.5	445.2	398.4	355.9	311.6	267.8	228.8
-45°	574.1	546.6	515.3	482.9	448.9	410.3	370.5	330.7	289.8	251.2	214.9
-47.5°	516.5	495.9	470.5	443.5	412.1	376.8	342.3	306.6	268.1	234.7	201.7
-50°	467.8	450.1	429.7	405.2	376.0	346.1	314.5	282.7	249.8	218.4	188.1
-52.5°	425.6	408.8	390.5	367.9	343.0	315.3	289.0	259.1	231.2	202.6	174.4
-55°	386.0	369.5	352.8	333.4	311.1	288.0	263.7	238.3	212.3	186.8	160.6
-57.5°	348.6	332.5	318.1	300.8	282.1	261.9	240.0	217.2	194.2	170.8	148.3
-60°	312.6	299.5	285.4	271.1	254.8	236.4	216.8	196.4	176.1	155.0	135.8
-62.5°	279.6	267.8	256.0	243.1	228.1	211.6	193.8	176.5	157.9	140.8	123.2
-65°	248.5	238.8	227.6	215.4	201.7	187.2	172.3	156.5	141.5	126.4	110.5
-67.5°	218.9	209.9	199.1	187.8	176.9	164.8	150.8	138.1	125.4	111.9	98.1
-70°	190.0	181.2	172.2	163.6	153.8	142.7	131.6	120.5	109.2	97.9	85.5
-72.5°	162.1	155.2	147.9	140.1	131.7	122.5	112.7	103.1	94.1	84.0	72.8
-75°	135.0	129.7	124.0	117.7	110.3	102.4	94.8	87.0	78.9	70.0	61.6
-77.5°	108.9	104.7	100.3	95.7	90.0	84.0	77.5	70.8	64.3	57.8	50.9
-80°	84.3	81.7	78.6	75.1	70.4	65.5	60.9	56.1	51.2	45.8	40.1
-82.5°	61.5	59.6	57.5	55.1	51.9	48.7	45.3	41.9	38.0	33.7	29.6
-85°	40.6	39.2	37.6	35.7	33.8	31.8	29.9	27.8	25.2	22.5	19.8
-87.5°	20.2	19.4	18.5	17.6	16.8	15.9	14.9	13.9	12.6	11.2	9.9
-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°	7.9	6.7	5.4	4.1	2.8	1.4	0.0
85°	15.9	13.4	10.8	8.2	5.5	2.7	0.0
82.5°	23.8	20.1	16.2	12.3	8.3	4.1	0.0
80°	32.4	26.7	21.6	16.4	11.0	5.4	0.0
77.5°	45.9	34.8	26.9	20.4	13.7	6.8	0.0
75°	59.4	45.7	32.8	24.4	16.4	8.1	0.0
72.5°	72.6	56.3	41.1	28.4	19.1	9.4	0.0
70°	86.0	66.8	49.2	32.7	21.7	10.7	0.0
67.5°	102.4	77.1	57.2	38.5	24.2	11.9	0.0
65°	118.4	88.4	64.9	44.2	26.8	13.2	0.0
62.5°	133.9	100.9	72.5	49.7	29.2	14.4	0.0
60°	148.7	112.8	79.9	55.1	31.6	15.6	0.0
57.5°	165.6	124.3	88.7	60.3	35.0	16.7	0.0
55°	181.9	135.4	97.2	65.3	38.3	17.9	0.0
52.5°	197.4	146.2	105.4	70.2	41.5	19.0	0.0
50°	211.9	158.0	113.2	74.8	44.6	20.0	0.0
47.5°	225.8	169.2	120.6	79.5	47.5	21.0	0.0
45°	240.3	179.5	127.6	84.7	50.4	22.0	0.0
42.5°	253.7	189.2	134.1	89.6	53.1	22.9	0.0
40°	265.8	198.0	140.6	94.2	55.6	23.8	0.0
37.5°	276.8	206.1	147.2	98.6	58.1	24.6	0.0
35°	286.6	214.1	153.2	102.7	60.4	25.4	0.0
32.5°	296.0	221.6	158.7	106.6	62.5	26.1	0.0
30°	306.1	228.2	163.5	110.1	64.5	26.8	0.0
27.5°	314.8	233.9	168.1	113.3	66.3	27.5	0.0
25°	322.2	238.7	172.2	116.3	68.0	28.0	0.0
22.5°	328.2	242.9	175.7	118.9	69.5	28.6	0.0
20°	332.9	247.0	178.6	121.2	70.9	29.0	0.0
17.5°	337.1	250.4	180.9	123.1	72.1	29.4	0.0
15°	340.5	253.1	182.7	124.8	73.1	29.8	0.0
12.5°	342.6	255.1	184.0	126.2	73.9	30.1	0.0
10°	343.4	256.3	184.8	127.2	74.6	30.3	0.0
7.5°	343.1	256.9	185.1	127.9	75.1	30.5	0.0
5°	341.5	256.7	184.8	128.3	75.4	30.6	0.0
2.5°	338.9	255.8	184.1	128.4	75.6	30.7	0.0
0°	335.3	254.2	183.0	128.2	75.6	30.7	0.0
-2.5°	331.5	251.8	182.1	127.6	75.4	30.7	0.0
-5°	326.7	248.8	180.8	126.7	75.1	30.7	0.0
-7.5°	321.1	245.1	179.1	125.6	74.6	30.7	0.0
-10°	314.6	240.9	177.0	124.1	73.9	30.5	0.0
-12.5°	307.4	236.1	174.4	122.4	73.0	30.3	0.0
-15°	299.5	230.9	171.5	120.4	72.1	30.1	0.0
-17.5°	290.8	225.2	168.2	118.1	70.9	29.8	0.0
-20°	281.8	219.2	164.5	115.6	69.6	29.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	272.8	212.8	160.5	112.9	68.2	28.9	0.0
-25°	263.3	206.3	156.1	109.9	66.7	28.5	0.0
-27.5°	253.3	199.6	151.3	106.7	65.0	27.9	0.0
-30°	242.8	192.5	146.2	103.3	63.2	27.3	0.0
-32.5°	232.0	185.0	141.0	99.7	61.3	26.6	0.0
-35°	221.8	177.1	135.5	95.9	59.2	25.9	0.0
-37.5°	211.8	169.2	129.7	91.9	57.1	25.2	0.0
-40°	201.3	161.5	123.7	87.8	54.8	24.3	0.0
-42.5°	190.6	153.6	117.7	83.4	52.4	23.5	0.0
-45°	179.5	145.5	111.7	79.0	50.0	22.5	0.0
-47.5°	168.1	137.1	105.5	74.4	47.4	21.6	0.0
-50°	157.7	128.5	99.2	70.2	44.8	20.5	0.0
-52.5°	147.3	119.7	92.6	66.1	42.1	19.5	0.0
-55°	136.7	111.3	85.8	62.0	39.3	18.4	0.0
-57.5°	125.9	102.7	78.9	57.7	36.4	17.2	0.0
-60°	115.1	93.9	71.9	53.2	33.5	16.1	0.0
-62.5°	104.5	85.0	65.9	48.7	31.0	14.8	0.0
-65°	93.8	75.9	59.9	44.1	28.4	13.6	0.0
-67.5°	82.8	67.5	53.7	39.4	25.8	12.3	0.0
-70°	71.8	59.7	47.4	34.7	23.1	11.0	0.0
-72.5°	62.3	51.9	41.1	30.4	20.3	9.7	0.0
-75°	53.0	44.0	34.7	26.1	17.5	8.4	0.0
-77.5°	43.5	36.0	28.8	21.9	14.7	7.0	0.0
-80°	34.1	28.6	23.1	17.5	11.8	5.6	0.0
-82.5°	25.5	21.5	17.4	13.2	8.9	4.2	0.0
-85°	17.0	14.3	11.6	8.8	5.9	2.8	0.0
-87.5°	8.5	7.2	5.8	4.4	3.0	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)