

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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558914 (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-SA4C-927-U-WAF-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

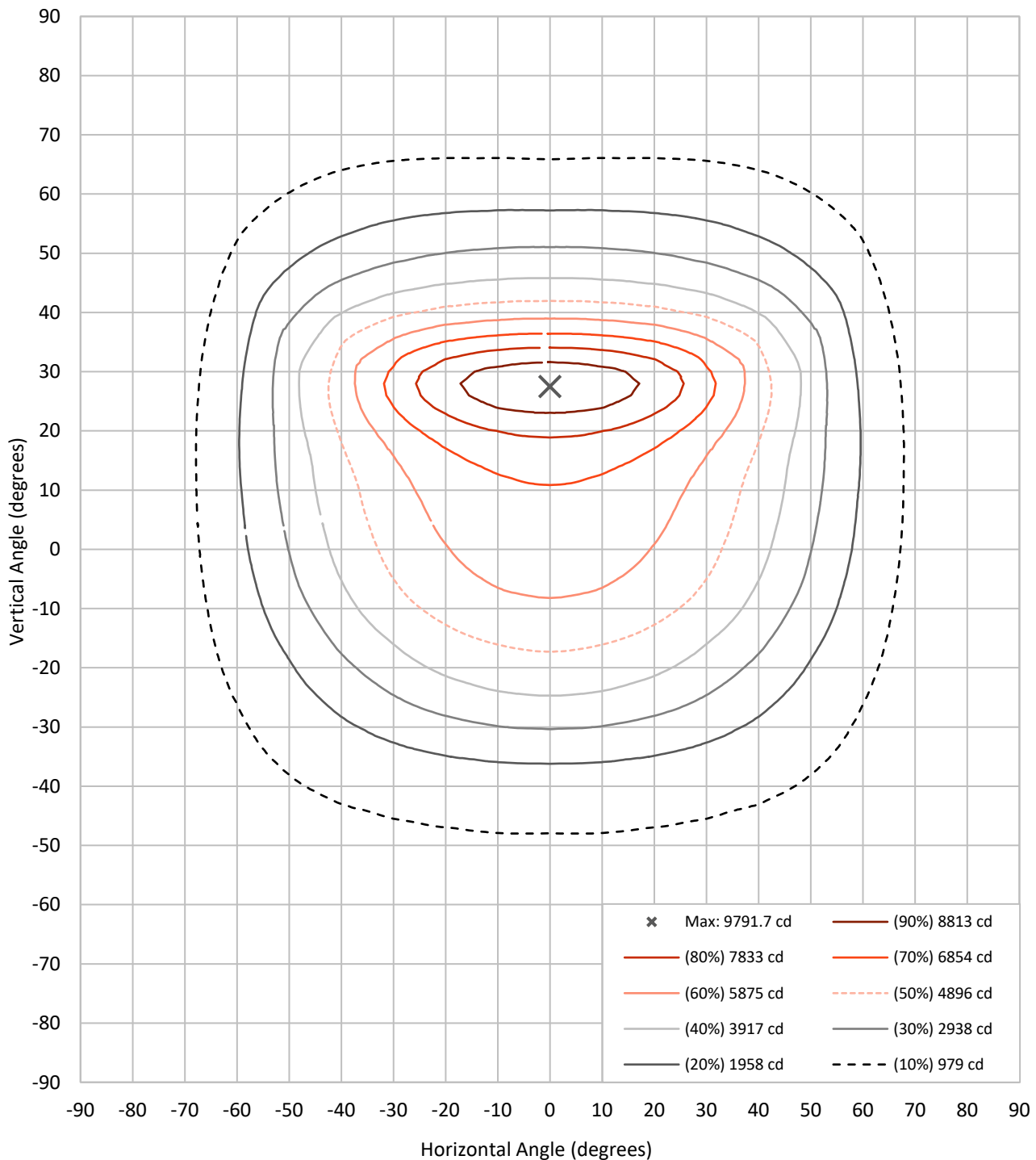
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14274.7 lumens	Max Intensity:	9791.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	87.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	7403.5 lumens	Field Lumens:	13205.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 164  
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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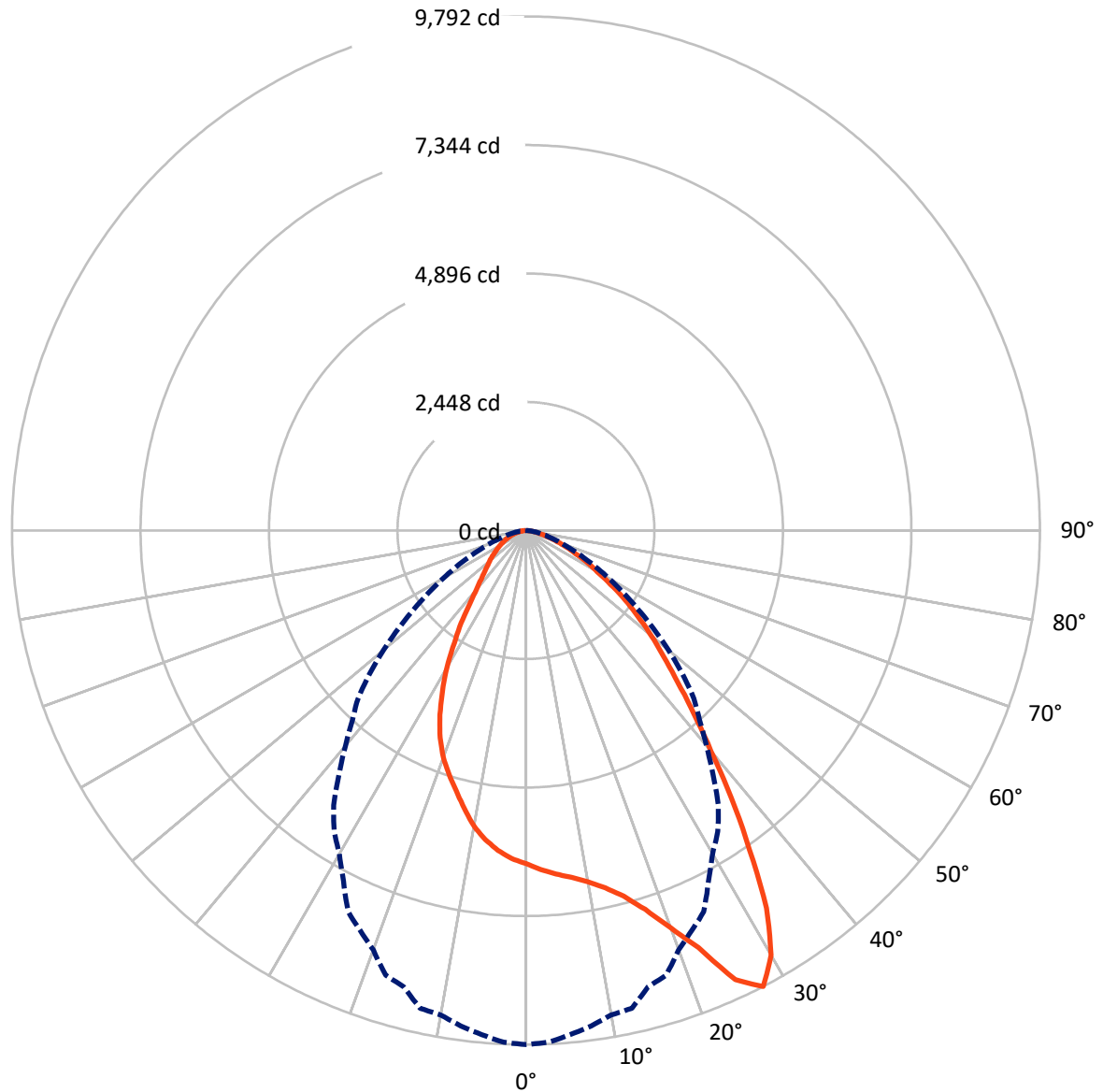
### Iso-Candela Plot





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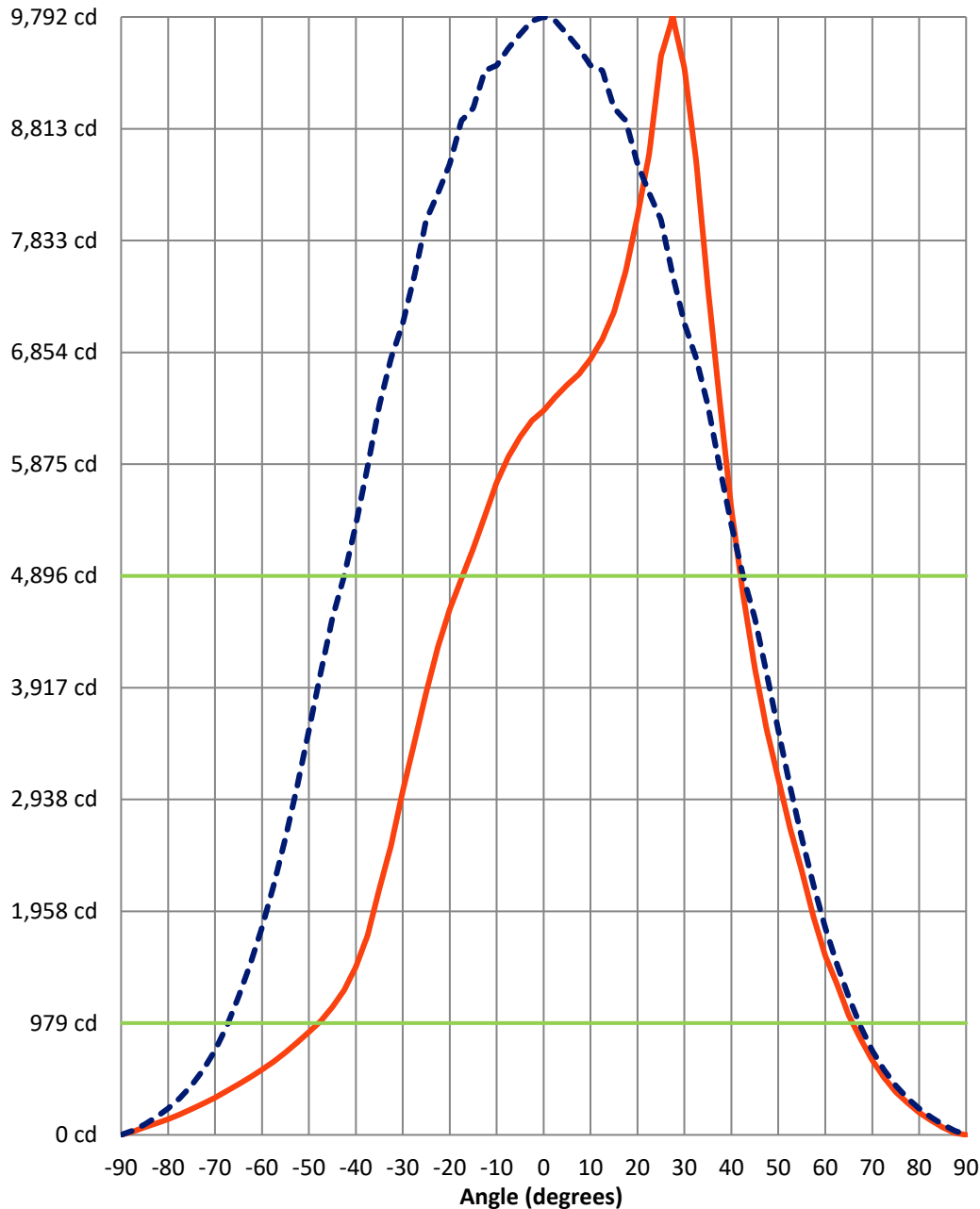
### Luminous Intensity Polar Plot



— 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: 7403.5  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 13205.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1069.4  
 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	1.9	3.8	5.7	7.5	9.2	10.9	12.6	14.2	15.7	17.2
85°	0.0	3.7	7.6	11.3	14.9	18.4	21.8	25.1	28.3	31.4	34.4
82.5°	0.0	5.6	11.4	16.9	22.3	27.6	32.7	37.7	43.3	52.8	62.6
80°	0.0	7.5	15.2	22.5	29.7	36.7	44.5	56.8	69.7	83.2	97.1
77.5°	0.0	9.3	18.9	28.1	37.0	47.9	63.1	79.2	95.9	113.3	133.5
75°	0.0	11.1	22.6	33.6	45.1	62.8	81.6	101.2	122.4	149.2	176.5
72.5°	0.0	12.9	26.2	39.0	56.4	77.4	99.7	124.7	155.3	186.7	218.9
70°	0.0	14.7	29.8	44.9	67.6	91.8	118.2	152.4	187.5	223.7	266.0
67.5°	0.0	16.4	33.3	52.9	78.5	105.9	140.8	179.7	219.3	266.2	313.6
65°	0.0	18.1	36.8	60.7	89.2	121.6	162.8	206.2	256.0	307.8	362.8
62.5°	0.0	19.8	40.2	68.3	99.6	138.6	184.0	235.8	291.8	349.9	417.1
60°	0.0	21.4	43.5	75.7	109.7	155.1	204.5	266.1	326.7	396.3	469.6
57.5°	0.0	23.0	48.1	82.8	121.9	170.9	227.6	295.2	364.7	441.0	529.5
55°	0.0	24.6	52.6	89.7	133.7	186.1	250.0	322.3	402.2	486.2	590.9
52.5°	0.0	26.0	57.0	96.4	144.9	200.9	271.3	351.1	438.1	536.8	648.8
50°	0.0	27.5	61.2	102.8	155.6	217.2	291.3	378.5	474.2	584.4	718.0
47.5°	0.0	28.9	65.3	109.2	165.8	232.5	310.4	403.9	512.9	628.6	784.0
45°	0.0	30.2	69.2	116.4	175.3	246.8	330.3	427.5	546.4	682.2	844.8
42.5°	0.0	31.5	72.9	123.1	184.3	260.0	348.7	452.1	577.3	731.5	913.1
40°	0.0	32.7	76.5	129.5	193.3	272.2	365.4	476.8	608.4	775.9	977.2
37.5°	0.0	33.8	79.8	135.5	202.4	283.2	380.5	499.2	642.0	816.5	1034.5
35°	0.0	34.9	83.0	141.2	210.7	294.3	393.9	519.3	671.7	859.6	1088.6
32.5°	0.0	35.9	85.9	146.5	218.1	304.6	406.9	537.1	697.3	896.5	1136.7
30°	0.0	36.9	88.6	151.3	224.8	313.7	420.8	553.6	718.8	927.2	1176.6
27.5°	0.0	37.7	91.2	155.8	231.1	321.5	432.8	570.8	738.9	951.7	1208.3
25°	0.0	38.5	93.5	159.8	236.7	328.1	442.9	584.8	758.4	974.2	1232.2
22.5°	0.0	39.3	95.5	163.4	241.5	333.9	451.2	595.7	773.1	992.4	1252.5
20°	0.0	39.9	97.4	166.5	245.5	339.5	457.6	603.5	783.1	1004.2	1265.7
17.5°	0.0	40.5	99.0	169.3	248.7	344.2	463.4	608.5	788.5	1009.8	1271.8
15°	0.0	40.9	100.4	171.6	251.2	348.0	468.1	611.9	789.6	1009.4	1270.9
12.5°	0.0	41.4	101.6	173.4	252.9	350.7	470.9	614.4	789.6	1003.4	1263.4
10°	0.0	41.7	102.5	174.8	254.0	352.4	472.1	614.6	788.3	1000.4	1251.9
7.5°	0.0	41.9	103.2	175.8	254.3	353.1	471.6	612.4	783.7	994.0	1239.1
5°	0.0	42.1	103.7	176.4	254.0	352.8	469.5	608.1	775.9	983.5	1220.1
2.5°	0.0	42.2	103.9	176.5	253.1	351.6	465.9	601.7	765.1	968.8	1195.5
0°	0.0	42.2	103.9	176.2	251.5	349.4	460.9	593.4	751.6	950.4	1165.8
-2.5°	0.0	42.3	103.7	175.4	250.3	346.1	455.6	584.7	738.3	929.9	1135.9
-5°	0.0	42.2	103.2	174.2	248.5	341.9	449.1	574.2	722.7	906.2	1102.2
-7.5°	0.0	42.1	102.5	172.6	246.1	336.9	441.4	562.2	704.9	879.5	1065.0
-10°	0.0	41.9	101.5	170.6	243.2	331.1	432.5	548.8	685.1	850.2	1025.0
-12.5°	0.0	41.7	100.4	168.2	239.8	324.5	422.6	533.9	663.6	819.0	985.7
-15°	0.0	41.3	99.0	165.5	235.8	317.4	411.6	517.9	641.5	788.3	945.5
-17.5°	0.0	40.9	97.5	162.4	231.2	309.6	399.7	501.9	619.5	755.9	903.3
-20°	0.0	40.4	95.7	159.0	226.2	301.3	387.4	485.7	596.2	722.0	859.4



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 CATALOG NUMBER: GFLD-SA4C-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	39.8	93.8	155.2	220.6	292.4	375.0	468.3	571.9	687.0	814.2
-25°	0.0	39.1	91.6	151.1	214.6	283.6	361.9	449.9	546.8	651.2	767.8
-27.5°	0.0	38.4	89.3	146.7	208.0	274.4	348.1	430.5	521.0	616.4	723.9
-30°	0.0	37.5	86.8	142.1	201.1	264.6	333.7	410.2	496.0	584.6	680.0
-32.5°	0.0	36.6	84.2	137.1	193.9	254.3	318.8	391.3	471.1	552.8	636.4
-35°	0.0	35.6	81.4	131.9	186.3	243.5	304.9	372.6	445.4	520.9	593.2
-37.5°	0.0	34.6	78.4	126.4	178.3	232.5	291.0	353.5	419.1	489.2	557.5
-40°	0.0	33.4	75.3	120.6	170.0	222.0	276.7	334.1	392.3	458.3	523.7
-42.5°	0.0	32.2	72.1	114.7	161.8	211.2	261.9	314.4	368.1	428.4	489.3
-45°	0.0	31.0	68.7	108.6	153.6	200.0	246.7	295.4	345.3	398.4	454.6
-47.5°	0.0	29.6	65.2	102.2	145.1	188.5	231.1	277.2	322.6	368.5	421.5
-50°	0.0	28.2	61.6	96.5	136.3	176.7	216.7	258.6	300.2	343.4	388.6
-52.5°	0.0	26.8	57.8	90.9	127.3	164.6	202.4	239.6	278.4	317.8	356.2
-55°	0.0	25.3	54.0	85.2	118.0	153.0	187.9	220.7	256.8	291.8	327.6
-57.5°	0.0	23.7	50.1	79.2	108.5	141.2	173.1	203.8	234.8	266.9	298.6
-60°	0.0	22.1	46.1	73.2	98.8	129.1	158.2	186.7	213.1	242.1	270.0
-62.5°	0.0	20.4	42.6	67.0	90.6	116.8	143.7	169.4	193.5	217.1	242.6
-65°	0.0	18.7	39.1	60.6	82.3	104.3	128.9	152.0	173.7	194.5	215.1
-67.5°	0.0	16.9	35.4	54.2	73.8	92.7	113.9	134.8	153.8	172.4	189.9
-70°	0.0	15.2	31.7	47.6	65.2	82.1	98.7	117.5	134.6	150.1	165.6
-72.5°	0.0	13.3	27.9	41.7	56.4	71.3	85.7	100.1	115.5	129.3	141.7
-75°	0.0	11.5	24.1	35.9	47.6	60.5	72.8	84.7	96.2	108.5	119.6
-77.5°	0.0	9.6	20.1	30.0	39.6	49.5	59.8	70.0	79.5	88.5	97.4
-80°	0.0	7.7	16.2	24.1	31.8	39.3	46.8	55.1	63.0	70.3	77.2
-82.5°	0.0	5.8	12.2	18.1	23.9	29.5	35.0	40.7	46.4	52.2	57.6
-85°	0.0	3.9	8.1	12.1	15.9	19.7	23.4	27.2	30.9	34.6	38.2
-87.5°	0.0	1.9	4.1	6.0	8.0	9.9	11.7	13.6	15.5	17.3	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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	18.1	18.8	19.4	19.9	20.6	21.3	21.9	22.3	22.7	23.1	23.3
85°	36.2	37.7	42.1	46.3	50.8	54.8	58.4	61.5	64.1	66.2	67.8
82.5°	70.7	78.2	85.4	92.1	98.3	103.7	109.0	115.0	120.0	124.1	127.4
80°	108.4	118.7	131.3	143.0	153.6	163.3	172.1	180.1	186.2	192.5	198.5
77.5°	152.3	169.1	184.6	199.0	212.8	229.0	243.9	257.6	268.2	276.2	282.3
75°	199.6	219.4	242.1	264.5	285.6	305.0	323.9	346.8	365.5	379.6	390.8
72.5°	250.1	278.6	306.3	333.2	364.1	394.2	423.4	451.6	476.4	494.6	509.4
70°	304.6	337.7	375.9	414.7	451.9	489.7	530.0	566.6	597.0	618.4	638.8
67.5°	360.3	406.7	452.0	498.6	551.4	599.4	643.4	689.8	730.7	757.6	781.1
65°	424.5	476.4	536.9	598.7	656.6	716.6	772.2	822.5	874.1	911.6	942.4
62.5°	486.5	559.6	630.9	703.2	776.0	841.3	913.9	978.6	1030.4	1084.1	1130.0
60°	560.1	646.9	734.4	821.6	903.1	994.8	1074.3	1149.5	1218.9	1278.7	1335.2
57.5°	633.6	745.7	849.2	951.5	1059.2	1157.3	1250.8	1335.0	1418.0	1487.2	1555.0
55°	710.9	855.2	974.6	1101.0	1219.5	1330.2	1435.3	1540.8	1629.2	1724.6	1807.6
52.5°	796.7	961.5	1115.8	1254.9	1388.5	1516.3	1642.0	1769.0	1893.1	1992.0	2085.7
50°	876.9	1073.3	1258.9	1417.7	1571.2	1722.9	1880.0	2038.8	2175.6	2288.6	2386.3
47.5°	965.2	1177.2	1413.0	1588.6	1772.9	1960.8	2151.6	2327.0	2475.9	2629.8	2737.6
45°	1051.1	1282.3	1538.2	1781.8	1995.0	2222.7	2432.8	2626.2	2842.2	3010.2	3154.2
42.5°	1129.7	1381.9	1666.7	1976.7	2243.4	2487.7	2715.0	2987.3	3235.3	3431.7	3611.5
40°	1210.4	1472.4	1783.6	2157.8	2491.0	2751.8	3028.6	3329.4	3652.2	3893.9	4108.8
37.5°	1284.3	1565.1	1890.5	2296.0	2734.8	3021.6	3327.6	3654.0	4022.0	4385.6	4643.9
35°	1349.6	1643.6	1996.6	2408.5	2857.7	3283.1	3606.7	3954.2	4357.1	4828.8	5181.5
32.5°	1408.9	1707.7	2080.7	2496.2	2952.0	3450.6	3861.2	4218.0	4622.2	5108.9	5707.9
30°	1457.1	1769.7	2143.4	2559.6	3016.7	3513.2	4034.7	4423.5	4807.1	5284.7	5842.2
27.5°	1493.8	1815.2	2186.6	2599.1	3051.3	3542.3	4043.9	4523.6	4894.9	5344.3	5851.3
25°	1521.9	1852.5	2209.5	2613.8	3056.3	3529.5	4012.2	4466.2	4882.9	5279.2	5734.1
22.5°	1545.2	1878.2	2234.6	2603.9	3033.2	3484.1	3938.1	4370.8	4774.3	5145.2	5536.6
20°	1562.7	1894.7	2247.2	2613.6	2994.5	3410.3	3844.5	4256.3	4646.0	5005.2	5323.7
17.5°	1570.6	1899.6	2247.2	2611.8	2988.0	3351.7	3729.7	4125.6	4508.7	4865.6	5180.3
15°	1569.2	1893.2	2234.8	2597.8	2968.5	3328.7	3677.0	4003.6	4360.3	4721.1	5034.7
12.5°	1558.8	1876.1	2210.5	2571.8	2936.7	3292.6	3634.6	3962.5	4282.3	4584.5	4884.3
10°	1539.9	1848.7	2174.7	2533.9	2892.6	3243.3	3580.9	3909.9	4226.5	4523.1	4802.3
7.5°	1520.5	1818.1	2131.7	2484.2	2836.5	3181.0	3515.5	3845.1	4155.6	4451.6	4733.4
5°	1494.8	1785.6	2098.9	2436.6	2776.2	3112.3	3439.7	3767.6	4069.8	4368.5	4651.5
2.5°	1462.2	1745.3	2057.6	2378.9	2708.7	3041.3	3357.6	3679.5	3989.3	4276.3	4555.2
0°	1423.3	1697.5	2007.7	2310.5	2629.8	2958.2	3262.4	3577.2	3899.5	4170.6	4443.3
-2.5°	1380.9	1640.3	1935.0	2236.2	2544.8	2866.9	3178.8	3477.2	3792.5	4066.5	4344.9
-5°	1333.4	1577.1	1854.6	2152.5	2449.9	2763.8	3081.5	3365.3	3666.5	3937.5	4211.2
-7.5°	1281.4	1508.9	1767.7	2058.4	2341.7	2637.8	2938.7	3211.7	3504.4	3772.5	4039.2
-10°	1226.6	1441.6	1683.2	1952.0	2219.2	2495.1	2777.8	3045.1	3326.6	3593.5	3850.2
-12.5°	1174.1	1375.2	1596.1	1840.5	2089.8	2344.8	2607.7	2865.8	3132.8	3401.0	3640.9
-15°	1119.0	1305.5	1506.1	1725.2	1954.8	2188.1	2429.5	2673.8	2924.4	3186.8	3408.5
-17.5°	1062.1	1233.1	1414.3	1607.3	1815.0	2026.3	2248.2	2484.0	2713.3	2952.4	3166.8
-20°	1003.8	1158.5	1321.7	1488.1	1672.6	1875.1	2082.8	2294.4	2502.8	2710.9	2912.3



REPORT NUMBER: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	944.7	1082.4	1230.9	1377.2	1552.7	1735.6	1917.8	2101.5	2288.5	2467.6	2658.1
-25°	887.6	1011.7	1142.9	1285.1	1435.7	1597.0	1753.5	1908.8	2074.6	2242.6	2406.5
-27.5°	832.6	942.0	1065.9	1192.8	1318.3	1461.8	1598.8	1730.4	1875.1	2023.3	2155.7
-30°	777.5	881.4	989.8	1102.5	1212.9	1332.7	1451.1	1566.5	1684.4	1811.3	1926.0
-32.5°	726.3	821.2	919.9	1018.6	1112.3	1205.2	1314.7	1417.2	1513.7	1604.1	1704.2
-35°	679.6	766.5	852.4	937.4	1014.7	1096.4	1187.9	1274.3	1351.6	1424.3	1500.8
-37.5°	635.5	712.9	785.2	861.2	929.9	999.9	1067.2	1141.9	1204.7	1262.7	1325.5
-40°	591.3	660.5	725.6	789.1	852.0	910.5	967.9	1018.8	1069.3	1125.1	1168.2
-42.5°	547.7	612.0	670.2	719.0	778.3	828.7	873.4	915.5	956.8	1000.3	1034.9
-45°	509.3	564.1	617.2	663.9	708.4	751.3	789.2	822.3	861.4	891.5	917.7
-47.5°	470.5	518.0	566.5	609.6	646.8	681.7	709.9	743.1	775.2	801.1	816.3
-50°	432.4	475.8	516.9	557.0	590.7	618.8	643.1	670.4	697.0	719.1	733.6
-52.5°	397.2	433.4	471.6	505.8	536.8	561.9	585.1	608.9	628.4	643.5	662.6
-55°	362.5	395.9	427.7	458.4	485.0	508.0	530.6	551.7	568.4	581.5	597.2
-57.5°	329.9	360.0	387.7	413.5	437.4	457.1	479.2	497.3	512.8	525.0	541.2
-60°	298.1	325.0	350.3	372.7	392.3	411.8	429.8	446.4	459.9	472.0	486.9
-62.5°	266.5	290.8	313.5	334.2	352.0	368.1	384.4	398.5	409.8	422.4	434.7
-65°	236.9	257.4	277.3	296.1	312.9	328.3	341.7	353.1	363.7	374.9	384.8
-67.5°	207.3	226.5	243.2	258.1	273.7	288.5	301.0	311.5	320.4	329.5	337.8
-70°	180.9	196.1	211.4	224.9	236.7	249.1	261.2	271.1	279.0	286.2	292.9
-72.5°	154.9	168.4	181.0	192.6	203.4	213.3	222.8	231.8	239.3	244.8	249.7
-75°	130.3	140.8	151.6	161.8	170.5	178.2	185.5	192.7	198.8	203.5	207.5
-77.5°	106.7	115.5	123.8	131.6	137.9	144.0	149.7	154.9	159.5	163.2	165.8
-80°	83.8	90.2	96.9	103.3	108.2	112.3	115.9	118.9	122.4	125.9	128.9
-82.5°	62.4	67.0	71.4	75.8	79.2	82.0	84.5	86.8	89.3	91.6	93.6
-85°	41.0	43.7	46.4	49.1	51.6	53.9	55.9	57.5	58.9	60.0	61.0
-87.5°	20.5	21.8	23.1	24.2	25.5	26.6	27.7	28.8	29.5	30.0	30.5
-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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WAF-XX

**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°	23.4	23.5	23.5	23.4	23.2	22.3	21.2	20.1	18.9	19.5	20.0
85°	69.1	69.3	69.1	68.4	67.3	67.2	67.0	66.6	65.9	67.0	67.8
82.5°	130.0	130.9	131.0	130.4	129.1	129.7	129.9	129.7	128.9	129.8	130.4
80°	203.1	205.0	205.1	203.7	200.9	201.3	201.6	201.0	199.7	200.0	199.9
77.5°	289.3	293.8	295.3	294.7	291.9	291.1	289.1	285.2	279.4	279.3	279.4
75°	399.3	403.9	406.3	406.1	403.4	401.6	399.1	394.6	388.2	387.9	388.0
72.5°	520.7	527.4	530.4	533.1	533.1	532.1	528.9	522.1	512.1	511.0	512.1
70°	654.8	666.1	673.2	678.7	683.1	684.0	681.8	676.4	667.7	665.3	664.6
67.5°	804.1	822.2	835.8	844.9	853.4	859.6	861.9	859.5	852.4	850.0	851.0
65°	971.4	999.3	1022.2	1039.4	1051.0	1059.2	1066.3	1070.5	1071.6	1074.0	1077.4
62.5°	1166.9	1201.1	1233.1	1254.8	1266.0	1273.9	1296.9	1310.1	1313.9	1314.7	1319.8
60°	1385.2	1428.4	1468.3	1500.3	1526.2	1545.8	1565.3	1578.2	1583.0	1584.0	1591.0
57.5°	1623.9	1678.1	1724.8	1774.4	1809.0	1829.0	1855.2	1882.1	1896.1	1900.2	1916.7
55°	1888.0	1962.0	2022.5	2075.6	2123.9	2166.4	2202.3	2230.1	2250.5	2262.9	2284.8
52.5°	2180.0	2267.0	2330.3	2392.5	2461.8	2510.7	2542.6	2593.9	2631.0	2651.4	2677.6
50°	2500.6	2597.5	2683.8	2749.1	2829.7	2896.4	2945.0	2993.6	3027.6	3047.0	3072.3
47.5°	2865.6	2984.9	3085.1	3145.6	3239.2	3317.8	3349.4	3386.1	3450.1	3480.9	3507.9
45°	3276.5	3428.8	3540.1	3634.8	3715.2	3803.3	3861.0	3902.7	3965.8	3997.4	4017.4
42.5°	3765.5	3934.9	4081.5	4195.2	4262.8	4377.1	4460.4	4483.9	4573.2	4633.8	4651.6
40°	4313.9	4501.7	4695.0	4824.6	4933.4	5049.4	5187.0	5263.6	5339.2	5398.6	5412.0
37.5°	4885.3	5136.7	5357.3	5524.6	5704.6	5875.8	6021.6	6101.1	6150.7	6264.3	6306.7
35°	5466.2	5725.7	6034.7	6294.7	6512.8	6724.2	6890.5	7021.5	7146.2	7248.6	7309.8
32.5°	5960.9	6240.1	6621.6	7011.0	7246.5	7475.4	7748.6	7898.5	8064.9	8199.7	8298.1
30°	6367.4	6632.9	6980.2	7468.9	7791.2	8023.3	8369.1	8576.3	8757.5	8986.0	9065.5
27.5°	6386.7	6801.6	7108.8	7529.6	8013.3	8248.8	8504.7	8881.3	8995.6	9321.4	9368.4
25°	6219.1	6654.7	6970.3	7321.6	7723.8	8010.3	8244.0	8557.2	8721.1	8930.7	9091.6
22.5°	5956.9	6340.7	6662.7	6960.6	7274.5	7535.4	7749.0	7969.1	8149.0	8311.6	8462.7
20°	5667.4	6031.7	6337.1	6593.2	6841.9	7083.8	7276.0	7460.8	7616.4	7756.0	7842.0
17.5°	5463.4	5725.5	6037.6	6299.9	6515.6	6705.5	6904.2	7058.9	7195.4	7321.1	7399.6
15°	5324.1	5573.4	5795.5	6036.3	6263.6	6444.6	6594.2	6753.9	6871.9	6980.0	7065.2
12.5°	5179.6	5436.5	5668.9	5869.5	6047.4	6245.1	6405.0	6530.6	6654.3	6739.2	6826.7
10°	5058.9	5299.2	5540.4	5752.1	5939.3	6102.2	6253.6	6394.5	6505.6	6600.8	6669.7
7.5°	4988.8	5224.5	5441.3	5644.4	5826.8	6000.5	6156.7	6285.8	6395.8	6494.4	6566.5
5°	4907.6	5140.9	5357.2	5564.8	5740.1	5906.9	6062.5	6195.3	6309.3	6397.0	6466.1
2.5°	4814.4	5044.6	5260.4	5471.4	5646.6	5807.5	5954.7	6084.3	6203.0	6286.6	6345.4
0°	4708.3	4938.8	5149.7	5348.5	5524.7	5697.9	5833.5	5964.5	6080.5	6163.3	6222.1
-2.5°	4601.3	4830.4	5048.6	5239.1	5414.0	5573.9	5718.3	5842.0	5952.7	6035.3	6086.8
-5°	4459.0	4686.7	4902.0	5094.0	5276.7	5437.3	5577.6	5703.4	5810.1	5900.0	5970.0
-7.5°	4286.8	4516.9	4732.1	4928.1	5110.0	5261.7	5396.4	5523.2	5637.1	5735.3	5821.4
-10°	4097.3	4325.0	4528.3	4711.9	4881.3	5035.6	5178.8	5304.2	5408.5	5504.7	5577.2
-12.5°	3876.7	4087.5	4286.4	4467.3	4632.9	4787.4	4923.7	5043.1	5148.1	5233.4	5298.7
-15°	3633.3	3833.4	4021.8	4206.7	4380.1	4532.3	4652.2	4777.9	4869.0	4951.7	5010.5
-17.5°	3372.9	3566.3	3764.5	3949.9	4109.9	4260.0	4391.9	4506.8	4602.4	4678.3	4744.6
-20°	3108.9	3305.9	3496.6	3673.3	3827.3	3966.4	4100.0	4210.4	4308.3	4390.9	4468.7



REPORT NUMBER: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2843.8	3024.5	3203.5	3376.4	3522.0	3653.5	3770.4	3876.1	3962.5	4059.8	4128.6
-25°	2571.4	2729.9	2891.5	3044.2	3181.9	3311.1	3417.1	3509.7	3599.8	3693.8	3760.8
-27.5°	2297.8	2437.9	2569.2	2704.2	2824.9	2936.8	3035.2	3116.3	3203.8	3266.5	3340.2
-30°	2027.2	2154.2	2263.7	2357.8	2471.2	2567.3	2643.8	2724.3	2796.6	2856.6	2918.6
-32.5°	1798.1	1884.9	1972.4	2051.0	2126.4	2205.4	2267.1	2337.3	2386.9	2438.5	2488.7
-35°	1577.8	1644.7	1702.8	1776.4	1832.9	1875.9	1927.4	1978.9	1998.7	2054.8	2084.8
-37.5°	1378.4	1422.3	1476.5	1527.7	1569.7	1601.8	1647.6	1674.6	1688.9	1725.2	1744.7
-40°	1207.7	1235.4	1286.0	1321.0	1346.3	1369.6	1407.7	1425.2	1444.6	1462.7	1463.2
-42.5°	1057.5	1093.2	1127.5	1155.0	1170.9	1197.6	1215.5	1217.5	1242.6	1258.7	1261.2
-45°	934.8	971.0	998.1	1018.3	1034.2	1057.1	1068.7	1075.2	1095.7	1106.6	1111.4
-47.5°	840.4	865.8	889.2	904.8	925.7	942.6	951.1	961.9	977.7	987.7	994.8
-50°	757.4	777.5	795.4	809.7	830.5	845.5	853.6	866.9	878.7	885.9	891.6
-52.5°	684.5	702.4	714.8	728.7	745.9	759.3	769.6	782.8	792.5	798.9	803.9
-55°	616.2	633.1	645.2	660.3	672.6	681.5	690.3	703.2	712.8	719.3	723.6
-57.5°	555.9	568.6	580.5	594.2	605.9	615.6	623.5	630.6	636.9	642.3	646.4
-60°	499.5	509.8	520.7	531.4	540.3	547.3	555.7	562.2	566.2	568.8	572.2
-62.5°	445.2	454.5	464.1	472.8	479.9	485.8	492.6	497.9	501.7	504.4	506.3
-65°	393.7	401.7	409.8	417.0	423.1	428.2	433.0	436.8	439.4	441.7	443.4
-67.5°	345.4	351.8	357.5	362.5	367.0	371.4	375.6	378.4	380.0	381.8	383.6
-70°	298.9	303.8	307.6	310.6	313.3	316.8	320.9	323.7	325.3	327.1	328.8
-72.5°	253.9	257.5	260.6	263.1	264.6	266.8	269.6	271.9	273.7	275.0	275.6
-75°	210.5	213.5	216.2	218.2	219.3	220.9	222.3	223.1	223.2	223.8	224.2
-77.5°	168.1	171.1	173.6	175.5	176.6	177.9	178.9	179.5	179.6	179.7	179.3
-80°	131.3	133.3	135.0	136.2	137.1	138.0	138.5	138.6	138.3	138.6	138.7
-82.5°	95.3	97.2	98.6	99.8	100.5	101.4	102.2	102.7	102.9	103.1	102.9
-85°	61.7	62.5	63.3	64.0	64.7	65.1	65.3	65.4	65.2	65.3	65.2
-87.5°	30.9	30.5	30.0	29.4	28.6	28.8	29.0	29.1	29.1	29.4	29.6
-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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	20.5	21.0	19.6	18.1	19.6	21.0	20.5	20.0	19.5	18.9	20.1
85°	68.5	68.9	67.7	66.3	67.7	68.9	68.5	67.8	67.0	65.9	66.6
82.5°	130.6	130.3	129.3	128.0	129.3	130.3	130.6	130.4	129.8	128.9	129.7
80°	199.2	197.8	197.1	195.8	197.1	197.8	199.2	199.9	200.0	199.7	201.0
77.5°	278.7	277.2	279.7	281.7	279.7	277.2	278.7	279.4	279.3	279.4	285.2
75°	386.5	383.5	380.6	376.5	380.6	383.5	386.5	388.0	387.9	388.2	394.6
72.5°	511.6	509.2	506.9	503.1	506.9	509.2	511.6	512.1	511.0	512.1	522.1
70°	660.7	653.7	654.8	655.2	654.8	653.7	660.7	664.6	665.3	667.7	676.4
67.5°	848.3	841.9	842.7	842.0	842.7	841.9	848.3	851.0	850.0	852.4	859.5
65°	1075.4	1068.2	1059.5	1046.8	1059.5	1068.2	1075.4	1077.4	1074.0	1071.6	1070.5
62.5°	1319.2	1312.8	1316.5	1319.4	1316.5	1312.8	1319.2	1319.8	1314.7	1313.9	1310.1
60°	1589.9	1581.0	1576.6	1569.4	1576.6	1581.0	1589.9	1591.0	1584.0	1583.0	1578.2
57.5°	1924.3	1922.6	1918.7	1908.3	1918.7	1922.6	1924.3	1916.7	1900.2	1896.1	1882.1
55°	2295.1	2293.0	2301.6	2312.0	2301.6	2293.0	2295.1	2284.8	2262.9	2250.5	2230.1
52.5°	2696.9	2703.6	2701.2	2687.0	2701.2	2703.6	2696.9	2677.6	2651.4	2631.0	2593.9
50°	3094.6	3102.2	3110.3	3117.8	3110.3	3102.2	3094.6	3072.3	3047.0	3027.6	2993.6
47.5°	3545.3	3565.3	3568.9	3554.6	3568.9	3565.3	3545.3	3507.9	3480.9	3450.1	3386.1
45°	4057.4	4069.5	4075.7	4087.8	4075.7	4069.5	4057.4	4017.4	3997.4	3965.8	3902.7
42.5°	4703.1	4717.1	4719.3	4732.4	4719.3	4717.1	4703.1	4651.6	4633.8	4573.2	4483.9
40°	5469.4	5492.1	5488.2	5482.5	5488.2	5492.1	5469.4	5412.0	5398.6	5339.2	5263.6
37.5°	6366.5	6405.0	6409.1	6432.9	6409.1	6405.0	6366.5	6306.7	6264.3	6150.7	6101.1
35°	7373.3	7418.7	7410.8	7422.5	7410.8	7418.7	7373.3	7309.8	7248.6	7146.2	7021.5
32.5°	8388.8	8456.9	8470.6	8528.0	8470.6	8456.9	8388.8	8298.1	8199.7	8064.9	7898.5
30°	9186.7	9282.2	9344.5	9339.9	9344.5	9282.2	9186.7	9065.5	8986.0	8757.5	8576.3
27.5°	9517.2	9641.0	9756.8	9791.7	9756.8	9641.0	9517.2	9368.4	9321.4	8995.6	8881.3
25°	9194.8	9285.2	9387.4	9442.3	9387.4	9285.2	9194.8	9091.6	8930.7	8721.1	8557.2
22.5°	8532.1	8590.9	8625.8	8597.3	8625.8	8590.9	8532.1	8462.7	8311.6	8149.0	7969.1
20°	7930.9	8005.2	8019.0	8049.1	8019.0	8005.2	7930.9	7842.0	7756.0	7616.4	7460.8
17.5°	7483.4	7532.1	7560.6	7567.1	7560.6	7532.1	7483.4	7399.6	7321.1	7195.4	7058.9
15°	7132.6	7171.7	7197.3	7208.6	7197.3	7171.7	7132.6	7065.2	6980.0	6871.9	6753.9
12.5°	6884.0	6931.6	6955.0	6969.1	6955.0	6931.6	6884.0	6826.7	6739.2	6654.3	6530.6
10°	6724.6	6770.6	6789.1	6795.9	6789.1	6770.6	6724.6	6669.7	6600.8	6505.6	6394.5
7.5°	6610.2	6639.7	6652.2	6661.9	6652.2	6639.7	6610.2	6566.5	6494.4	6395.8	6285.8
5°	6517.9	6541.3	6554.5	6568.5	6554.5	6541.3	6517.9	6466.1	6397.0	6309.3	6195.3
2.5°	6392.2	6425.7	6449.0	6463.1	6449.0	6425.7	6392.2	6345.4	6286.6	6203.0	6084.3
0°	6268.8	6300.4	6317.0	6344.1	6317.0	6300.4	6268.8	6222.1	6163.3	6080.5	5964.5
-2.5°	6133.0	6169.6	6213.2	6255.2	6213.2	6169.6	6133.0	6086.8	6035.3	5952.7	5842.0
-5°	6029.3	6077.6	6086.7	6113.6	6086.7	6077.6	6029.3	5970.0	5900.0	5810.1	5703.4
-7.5°	5872.6	5894.7	5932.2	5938.9	5932.2	5894.7	5872.6	5821.4	5735.3	5637.1	5523.2
-10°	5631.3	5667.2	5690.6	5714.5	5690.6	5667.2	5631.3	5577.2	5504.7	5408.5	5304.2
-12.5°	5347.7	5389.9	5427.6	5422.3	5427.6	5389.9	5347.7	5298.7	5233.4	5148.1	5043.1
-15°	5071.5	5112.2	5138.1	5134.6	5138.1	5112.2	5071.5	5010.5	4951.7	4869.0	4777.9
-17.5°	4797.3	4834.5	4871.9	4871.0	4871.9	4834.5	4797.3	4744.6	4678.3	4602.4	4506.8
-20°	4514.2	4546.0	4586.1	4602.9	4586.1	4546.0	4514.2	4468.7	4390.9	4308.3	4210.4



REPORT NUMBER: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	4186.8	4227.5	4256.6	4274.6	4256.6	4227.5	4186.8	4128.6	4059.8	3962.5	3876.1
-25°	3805.2	3847.0	3869.2	3876.9	3869.2	3847.0	3805.2	3760.8	3693.8	3599.8	3509.7
-27.5°	3383.6	3430.4	3453.2	3441.6	3453.2	3430.4	3383.6	3340.2	3266.5	3203.8	3116.3
-30°	2951.2	2981.2	2984.7	3010.9	2984.7	2981.2	2951.2	2918.6	2856.6	2796.6	2724.3
-32.5°	2524.6	2544.8	2533.4	2534.9	2533.4	2544.8	2524.6	2488.7	2438.5	2386.9	2337.3
-35°	2103.4	2119.5	2122.7	2152.3	2122.7	2119.5	2103.4	2084.8	2054.8	1998.7	1978.9
-37.5°	1764.8	1771.3	1761.4	1747.2	1761.4	1771.3	1764.8	1744.7	1725.2	1688.9	1674.6
-40°	1477.6	1482.6	1478.9	1471.5	1478.9	1482.6	1477.6	1463.2	1462.7	1444.6	1425.2
-42.5°	1271.0	1271.0	1267.6	1266.7	1267.6	1271.0	1271.0	1261.2	1258.7	1242.6	1217.5
-45°	1118.3	1119.9	1119.6	1119.1	1119.6	1119.9	1118.3	1111.4	1106.6	1095.7	1075.2
-47.5°	999.9	1000.2	998.6	995.6	998.6	1000.2	999.9	994.8	987.7	977.7	961.9
-50°	895.0	895.0	897.1	900.7	897.1	895.0	895.0	891.6	885.9	878.7	866.9
-52.5°	806.5	806.3	807.4	808.8	807.4	806.3	806.5	803.9	798.9	792.5	782.8
-55°	725.5	725.0	724.0	721.5	724.0	725.0	725.5	723.6	719.3	712.8	703.2
-57.5°	648.0	647.1	645.1	641.6	645.1	647.1	648.0	646.4	642.3	636.9	630.6
-60°	574.1	574.5	573.5	570.8	573.5	574.5	574.1	572.2	568.8	566.2	562.2
-62.5°	506.8	505.8	505.6	504.6	505.6	505.8	506.8	506.3	504.4	501.7	497.9
-65°	443.7	442.7	443.0	442.8	443.0	442.7	443.7	443.4	441.7	439.4	436.8
-67.5°	384.4	384.1	384.4	384.1	384.4	384.1	384.4	383.6	381.8	380.0	378.4
-70°	329.7	329.9	328.1	325.3	328.1	329.9	329.7	328.8	327.1	325.3	323.7
-72.5°	275.4	274.4	274.5	274.1	274.5	274.4	275.4	275.6	275.0	273.7	271.9
-75°	224.1	223.4	224.9	225.9	224.9	223.4	224.1	224.2	223.8	223.2	223.1
-77.5°	178.4	177.1	178.2	179.2	178.2	177.1	178.4	179.3	179.7	179.6	179.5
-80°	138.5	138.1	137.7	137.1	137.7	138.1	138.5	138.7	138.6	138.3	138.6
-82.5°	102.6	102.0	101.6	100.9	101.6	102.0	102.6	102.9	103.1	102.9	102.7
-85°	65.0	64.5	65.5	66.3	65.5	64.5	65.0	65.2	65.3	65.2	65.4
-87.5°	29.8	30.0	29.3	28.6	29.3	30.0	29.8	29.6	29.4	29.1	29.1
-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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	21.2	22.3	23.2	23.4	23.5	23.5	23.4	23.3	23.1	22.7	22.3
85°	67.0	67.2	67.3	68.4	69.1	69.3	69.1	67.8	66.2	64.1	61.5
82.5°	129.9	129.7	129.1	130.4	131.0	130.9	130.0	127.4	124.1	120.0	115.0
80°	201.6	201.3	200.9	203.7	205.1	205.0	203.1	198.5	192.5	186.2	180.1
77.5°	289.1	291.1	291.9	294.7	295.3	293.8	289.3	282.3	276.2	268.2	257.6
75°	399.1	401.6	403.4	406.1	406.3	403.9	399.3	390.8	379.6	365.5	346.8
72.5°	528.9	532.1	533.1	533.1	530.4	527.4	520.7	509.4	494.6	476.4	451.6
70°	681.8	684.0	683.1	678.7	673.2	666.1	654.8	638.8	618.4	597.0	566.6
67.5°	861.9	859.6	853.4	844.9	835.8	822.2	804.1	781.1	757.6	730.7	689.8
65°	1066.3	1059.2	1051.0	1039.4	1022.2	999.3	971.4	942.4	911.6	874.1	822.5
62.5°	1296.9	1273.9	1266.0	1254.8	1233.1	1201.1	1166.9	1130.0	1084.1	1030.4	978.6
60°	1565.3	1545.8	1526.2	1500.3	1468.3	1428.4	1385.2	1335.2	1278.7	1218.9	1149.5
57.5°	1855.2	1829.0	1809.0	1774.4	1724.8	1678.1	1623.9	1555.0	1487.2	1418.0	1335.0
55°	2202.3	2166.4	2123.9	2075.6	2022.5	1962.0	1888.0	1807.6	1724.6	1629.2	1540.8
52.5°	2542.6	2510.7	2461.8	2392.5	2330.3	2267.0	2180.0	2085.7	1992.0	1893.1	1769.0
50°	2945.0	2896.4	2829.7	2749.1	2683.8	2597.5	2500.6	2386.3	2288.6	2175.6	2038.8
47.5°	3349.4	3317.8	3239.2	3145.6	3085.1	2984.9	2865.6	2737.6	2629.8	2475.9	2327.0
45°	3861.0	3803.3	3715.2	3634.8	3540.1	3428.8	3276.5	3154.2	3010.2	2842.2	2626.2
42.5°	4460.4	4377.1	4262.8	4195.2	4081.5	3934.9	3765.5	3611.5	3431.7	3235.3	2987.3
40°	5187.0	5049.4	4933.4	4824.6	4695.0	4501.7	4313.9	4108.8	3893.9	3652.2	3329.4
37.5°	6021.6	5875.8	5704.6	5524.6	5357.3	5136.7	4885.3	4643.9	4385.6	4022.0	3654.0
35°	6890.5	6724.2	6512.8	6294.7	6034.7	5725.7	5466.2	5181.5	4828.8	4357.1	3954.2
32.5°	7748.6	7475.4	7246.5	7011.0	6621.6	6240.1	5960.9	5707.9	5108.9	4622.2	4218.0
30°	8369.1	8023.3	7791.2	7468.9	6980.2	6632.9	6367.4	5842.2	5284.7	4807.1	4423.5
27.5°	8504.7	8248.8	8013.3	7529.6	7108.8	6801.6	6386.7	5851.3	5344.3	4894.9	4523.6
25°	8244.0	8010.3	7723.8	7321.6	6970.3	6654.7	6219.1	5734.1	5279.2	4882.9	4466.2
22.5°	7749.0	7535.4	7274.5	6960.6	6662.7	6340.7	5956.9	5536.6	5145.2	4774.3	4370.8
20°	7276.0	7083.8	6841.9	6593.2	6337.1	6031.7	5667.4	5323.7	5005.2	4646.0	4256.3
17.5°	6904.2	6705.5	6515.6	6299.9	6037.6	5725.5	5463.4	5180.3	4865.6	4508.7	4125.6
15°	6594.2	6444.6	6263.6	6036.3	5795.5	5573.4	5324.1	5034.7	4721.1	4360.3	4003.6
12.5°	6405.0	6245.1	6047.4	5869.5	5668.9	5436.5	5179.6	4884.3	4584.5	4282.3	3962.5
10°	6253.6	6102.2	5939.3	5752.1	5540.4	5299.2	5058.9	4802.3	4523.1	4226.5	3909.9
7.5°	6156.7	6000.5	5826.8	5644.4	5441.3	5224.5	4988.8	4733.4	4451.6	4155.6	3845.1
5°	6062.5	5906.9	5740.1	5564.8	5357.2	5140.9	4907.6	4651.5	4368.5	4069.8	3767.6
2.5°	5954.7	5807.5	5646.6	5471.4	5260.4	5044.6	4814.4	4555.2	4276.3	3989.3	3679.5
0°	5833.5	5697.9	5524.7	5348.5	5149.7	4938.8	4708.3	4443.3	4170.6	3899.5	3577.2
-2.5°	5718.3	5573.9	5414.0	5239.1	5048.6	4830.4	4601.3	4344.9	4066.5	3792.5	3477.2
-5°	5577.6	5437.3	5276.7	5094.0	4902.0	4686.7	4459.0	4211.2	3937.5	3666.5	3365.3
-7.5°	5396.4	5261.7	5110.0	4928.1	4732.1	4516.9	4286.8	4039.2	3772.5	3504.4	3211.7
-10°	5178.8	5035.6	4881.3	4711.9	4528.3	4325.0	4097.3	3850.2	3593.5	3326.6	3045.1
-12.5°	4923.7	4787.4	4632.9	4467.3	4286.4	4087.5	3876.7	3640.9	3401.0	3132.8	2865.8
-15°	4652.2	4532.3	4380.1	4206.7	4021.8	3833.4	3633.3	3408.5	3186.8	2924.4	2673.8
-17.5°	4391.9	4260.0	4109.9	3949.9	3764.5	3566.3	3372.9	3166.8	2952.4	2713.3	2484.0
-20°	4100.0	3966.4	3827.3	3673.3	3496.6	3305.9	3108.9	2912.3	2710.9	2502.8	2294.4



REPORT NUMBER: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	3770.4	3653.5	3522.0	3376.4	3203.5	3024.5	2843.8	2658.1	2467.6	2288.5	2101.5
-25°	3417.1	3311.1	3181.9	3044.2	2891.5	2729.9	2571.4	2406.5	2242.6	2074.6	1908.8
-27.5°	3035.2	2936.8	2824.9	2704.2	2569.2	2437.9	2297.8	2155.7	2023.3	1875.1	1730.4
-30°	2643.8	2567.3	2471.2	2357.8	2263.7	2154.2	2027.2	1926.0	1811.3	1684.4	1566.5
-32.5°	2267.1	2205.4	2126.4	2051.0	1972.4	1884.9	1798.1	1704.2	1604.1	1513.7	1417.2
-35°	1927.4	1875.9	1832.9	1776.4	1702.8	1644.7	1577.8	1500.8	1424.3	1351.6	1274.3
-37.5°	1647.6	1601.8	1569.7	1527.7	1476.5	1422.3	1378.4	1325.5	1262.7	1204.7	1141.9
-40°	1407.7	1369.6	1346.3	1321.0	1286.0	1235.4	1207.7	1168.2	1125.1	1069.3	1018.8
-42.5°	1215.5	1197.6	1170.9	1155.0	1127.5	1093.2	1057.5	1034.9	1000.3	956.8	915.5
-45°	1068.7	1057.1	1034.2	1018.3	998.1	971.0	934.8	917.7	891.5	861.4	822.3
-47.5°	951.1	942.6	925.7	904.8	889.2	865.8	840.4	816.3	801.1	775.2	743.1
-50°	853.6	845.5	830.5	809.7	795.4	777.5	757.4	733.6	719.1	697.0	670.4
-52.5°	769.6	759.3	745.9	728.7	714.8	702.4	684.5	662.6	643.5	628.4	608.9
-55°	690.3	681.5	672.6	660.3	645.2	633.1	616.2	597.2	581.5	568.4	551.7
-57.5°	623.5	615.6	605.9	594.2	580.5	568.6	555.9	541.2	525.0	512.8	497.3
-60°	555.7	547.3	540.3	531.4	520.7	509.8	499.5	486.9	472.0	459.9	446.4
-62.5°	492.6	485.8	479.9	472.8	464.1	454.5	445.2	434.7	422.4	409.8	398.5
-65°	433.0	428.2	423.1	417.0	409.8	401.7	393.7	384.8	374.9	363.7	353.1
-67.5°	375.6	371.4	367.0	362.5	357.5	351.8	345.4	337.8	329.5	320.4	311.5
-70°	320.9	316.8	313.3	310.6	307.6	303.8	298.9	292.9	286.2	279.0	271.1
-72.5°	269.6	266.8	264.6	263.1	260.6	257.5	253.9	249.7	244.8	239.3	231.8
-75°	222.3	220.9	219.3	218.2	216.2	213.5	210.5	207.5	203.5	198.8	192.7
-77.5°	178.9	177.9	176.6	175.5	173.6	171.1	168.1	165.8	163.2	159.5	154.9
-80°	138.5	138.0	137.1	136.2	135.0	133.3	131.3	128.9	125.9	122.4	118.9
-82.5°	102.2	101.4	100.5	99.8	98.6	97.2	95.3	93.6	91.6	89.3	86.8
-85°	65.3	65.1	64.7	64.0	63.3	62.5	61.7	61.0	60.0	58.9	57.5
-87.5°	29.0	28.8	28.6	29.4	30.0	30.5	30.9	30.5	30.0	29.5	28.8
-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: P558914 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	21.9	21.3	20.6	19.9	19.4	18.8	18.1	17.2	15.7	14.2	12.6
85°	58.4	54.8	50.8	46.3	42.1	37.7	36.2	34.4	31.4	28.3	25.1
82.5°	109.0	103.7	98.3	92.1	85.4	78.2	70.7	62.6	52.8	43.3	37.7
80°	172.1	163.3	153.6	143.0	131.3	118.7	108.4	97.1	83.2	69.7	56.8
77.5°	243.9	229.0	212.8	199.0	184.6	169.1	152.3	133.5	113.3	95.9	79.2
75°	323.9	305.0	285.6	264.5	242.1	219.4	199.6	176.5	149.2	122.4	101.2
72.5°	423.4	394.2	364.1	333.2	306.3	278.6	250.1	218.9	186.7	155.3	124.7
70°	530.0	489.7	451.9	414.7	375.9	337.7	304.6	266.0	223.7	187.5	152.4
67.5°	643.4	599.4	551.4	498.6	452.0	406.7	360.3	313.6	266.2	219.3	179.7
65°	772.2	716.6	656.6	598.7	536.9	476.4	424.5	362.8	307.8	256.0	206.2
62.5°	913.9	841.3	776.0	703.2	630.9	559.6	486.5	417.1	349.9	291.8	235.8
60°	1074.3	994.8	903.1	821.6	734.4	646.9	560.1	469.6	396.3	326.7	266.1
57.5°	1250.8	1157.3	1059.2	951.5	849.2	745.7	633.6	529.5	441.0	364.7	295.2
55°	1435.3	1330.2	1219.5	1101.0	974.6	855.2	710.9	590.9	486.2	402.2	322.3
52.5°	1642.0	1516.3	1388.5	1254.9	1115.8	961.5	796.7	648.8	536.8	438.1	351.1
50°	1880.0	1722.9	1571.2	1417.7	1258.9	1073.3	876.9	718.0	584.4	474.2	378.5
47.5°	2151.6	1960.8	1772.9	1588.6	1413.0	1177.2	965.2	784.0	628.6	512.9	403.9
45°	2432.8	2222.7	1995.0	1781.8	1538.2	1282.3	1051.1	844.8	682.2	546.4	427.5
42.5°	2715.0	2487.7	2243.4	1976.7	1666.7	1381.9	1129.7	913.1	731.5	577.3	452.1
40°	3028.6	2751.8	2491.0	2157.8	1783.6	1472.4	1210.4	977.2	775.9	608.4	476.8
37.5°	3327.6	3021.6	2734.8	2296.0	1890.5	1565.1	1284.3	1034.5	816.5	642.0	499.2
35°	3606.7	3283.1	2857.7	2408.5	1996.6	1643.6	1349.6	1088.6	859.6	671.7	519.3
32.5°	3861.2	3450.6	2952.0	2496.2	2080.7	1707.7	1408.9	1136.7	896.5	697.3	537.1
30°	4034.7	3513.2	3016.7	2559.6	2143.4	1769.7	1457.1	1176.6	927.2	718.8	553.6
27.5°	4043.9	3542.3	3051.3	2599.1	2186.6	1815.2	1493.8	1208.3	951.7	738.9	570.8
25°	4012.2	3529.5	3056.3	2613.8	2209.5	1852.5	1521.9	1232.2	974.2	758.4	584.8
22.5°	3938.1	3484.1	3033.2	2603.9	2234.6	1878.2	1545.2	1252.5	992.4	773.1	595.7
20°	3844.5	3410.3	2994.5	2613.6	2247.2	1894.7	1562.7	1265.7	1004.2	783.1	603.5
17.5°	3729.7	3351.7	2988.0	2611.8	2247.2	1899.6	1570.6	1271.8	1009.8	788.5	608.5
15°	3677.0	3328.7	2968.5	2597.8	2234.8	1893.2	1569.2	1270.9	1009.4	789.6	611.9
12.5°	3634.6	3292.6	2936.7	2571.8	2210.5	1876.1	1558.8	1263.4	1003.4	789.6	614.4
10°	3580.9	3243.3	2892.6	2533.9	2174.7	1848.7	1539.9	1251.9	1000.4	788.3	614.6
7.5°	3515.5	3181.0	2836.5	2484.2	2131.7	1818.1	1520.5	1239.1	994.0	783.7	612.4
5°	3439.7	3112.3	2776.2	2436.6	2098.9	1785.6	1494.8	1220.1	983.5	775.9	608.1
2.5°	3357.6	3041.3	2708.7	2378.9	2057.6	1745.3	1462.2	1195.5	968.8	765.1	601.7
0°	3262.4	2958.2	2629.8	2310.5	2007.7	1697.5	1423.3	1165.8	950.4	751.6	593.4
-2.5°	3178.8	2866.9	2544.8	2236.2	1935.0	1640.3	1380.9	1135.9	929.9	738.3	584.7
-5°	3081.5	2763.8	2449.9	2152.5	1854.6	1577.1	1333.4	1102.2	906.2	722.7	574.2
-7.5°	2938.7	2637.8	2341.7	2058.4	1767.7	1508.9	1281.4	1065.0	879.5	704.9	562.2
-10°	2777.8	2495.1	2219.2	1952.0	1683.2	1441.6	1226.6	1025.0	850.2	685.1	548.8
-12.5°	2607.7	2344.8	2089.8	1840.5	1596.1	1375.2	1174.1	985.7	819.0	663.6	533.9
-15°	2429.5	2188.1	1954.8	1725.2	1506.1	1305.5	1119.0	945.5	788.3	641.5	517.9
-17.5°	2248.2	2026.3	1815.0	1607.3	1414.3	1233.1	1062.1	903.3	755.9	619.5	501.9
-20°	2082.8	1875.1	1672.6	1488.1	1321.7	1158.5	1003.8	859.4	722.0	596.2	485.7



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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°	1917.8	1735.6	1552.7	1377.2	1230.9	1082.4	944.7	814.2	687.0	571.9	468.3
-25°	1753.5	1597.0	1435.7	1285.1	1142.9	1011.7	887.6	767.8	651.2	546.8	449.9
-27.5°	1598.8	1461.8	1318.3	1192.8	1065.9	942.0	832.6	723.9	616.4	521.0	430.5
-30°	1451.1	1332.7	1212.9	1102.5	989.8	881.4	777.5	680.0	584.6	496.0	410.2
-32.5°	1314.7	1205.2	1112.3	1018.6	919.9	821.2	726.3	636.4	552.8	471.1	391.3
-35°	1187.9	1096.4	1014.7	937.4	852.4	766.5	679.6	593.2	520.9	445.4	372.6
-37.5°	1067.2	999.9	929.9	861.2	785.2	712.9	635.5	557.5	489.2	419.1	353.5
-40°	967.9	910.5	852.0	789.1	725.6	660.5	591.3	523.7	458.3	392.3	334.1
-42.5°	873.4	828.7	778.3	719.0	670.2	612.0	547.7	489.3	428.4	368.1	314.4
-45°	789.2	751.3	708.4	663.9	617.2	564.1	509.3	454.6	398.4	345.3	295.4
-47.5°	709.9	681.7	646.8	609.6	566.5	518.0	470.5	421.5	368.5	322.6	277.2
-50°	643.1	618.8	590.7	557.0	516.9	475.8	432.4	388.6	343.4	300.2	258.6
-52.5°	585.1	561.9	536.8	505.8	471.6	433.4	397.2	356.2	317.8	278.4	239.6
-55°	530.6	508.0	485.0	458.4	427.7	395.9	362.5	327.6	291.8	256.8	220.7
-57.5°	479.2	457.1	437.4	413.5	387.7	360.0	329.9	298.6	266.9	234.8	203.8
-60°	429.8	411.8	392.3	372.7	350.3	325.0	298.1	270.0	242.1	213.1	186.7
-62.5°	384.4	368.1	352.0	334.2	313.5	290.8	266.5	242.6	217.1	193.5	169.4
-65°	341.7	328.3	312.9	296.1	277.3	257.4	236.9	215.1	194.5	173.7	152.0
-67.5°	301.0	288.5	273.7	258.1	243.2	226.5	207.3	189.9	172.4	153.8	134.8
-70°	261.2	249.1	236.7	224.9	211.4	196.1	180.9	165.6	150.1	134.6	117.5
-72.5°	222.8	213.3	203.4	192.6	181.0	168.4	154.9	141.7	129.3	115.5	100.1
-75°	185.5	178.2	170.5	161.8	151.6	140.8	130.3	119.6	108.5	96.2	84.7
-77.5°	149.7	144.0	137.9	131.6	123.8	115.5	106.7	97.4	88.5	79.5	70.0
-80°	115.9	112.3	108.2	103.3	96.9	90.2	83.8	77.2	70.3	63.0	55.1
-82.5°	84.5	82.0	79.2	75.8	71.4	67.0	62.4	57.6	52.2	46.4	40.7
-85°	55.9	53.9	51.6	49.1	46.4	43.7	41.0	38.2	34.6	30.9	27.2
-87.5°	27.7	26.6	25.5	24.2	23.1	21.8	20.5	19.1	17.3	15.5	13.6
-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°	10.9	9.2	7.5	5.7	3.8	1.9	0.0
85°	21.8	18.4	14.9	11.3	7.6	3.7	0.0
82.5°	32.7	27.6	22.3	16.9	11.4	5.6	0.0
80°	44.5	36.7	29.7	22.5	15.2	7.5	0.0
77.5°	63.1	47.9	37.0	28.1	18.9	9.3	0.0
75°	81.6	62.8	45.1	33.6	22.6	11.1	0.0
72.5°	99.7	77.4	56.4	39.0	26.2	12.9	0.0
70°	118.2	91.8	67.6	44.9	29.8	14.7	0.0
67.5°	140.8	105.9	78.5	52.9	33.3	16.4	0.0
65°	162.8	121.6	89.2	60.7	36.8	18.1	0.0
62.5°	184.0	138.6	99.6	68.3	40.2	19.8	0.0
60°	204.5	155.1	109.7	75.7	43.5	21.4	0.0
57.5°	227.6	170.9	121.9	82.8	48.1	23.0	0.0
55°	250.0	186.1	133.7	89.7	52.6	24.6	0.0
52.5°	271.3	200.9	144.9	96.4	57.0	26.0	0.0
50°	291.3	217.2	155.6	102.8	61.2	27.5	0.0
47.5°	310.4	232.5	165.8	109.2	65.3	28.9	0.0
45°	330.3	246.8	175.3	116.4	69.2	30.2	0.0
42.5°	348.7	260.0	184.3	123.1	72.9	31.5	0.0
40°	365.4	272.2	193.3	129.5	76.5	32.7	0.0
37.5°	380.5	283.2	202.4	135.5	79.8	33.8	0.0
35°	393.9	294.3	210.7	141.2	83.0	34.9	0.0
32.5°	406.9	304.6	218.1	146.5	85.9	35.9	0.0
30°	420.8	313.7	224.8	151.3	88.6	36.9	0.0
27.5°	432.8	321.5	231.1	155.8	91.2	37.7	0.0
25°	442.9	328.1	236.7	159.8	93.5	38.5	0.0
22.5°	451.2	333.9	241.5	163.4	95.5	39.3	0.0
20°	457.6	339.5	245.5	166.5	97.4	39.9	0.0
17.5°	463.4	344.2	248.7	169.3	99.0	40.5	0.0
15°	468.1	348.0	251.2	171.6	100.4	40.9	0.0
12.5°	470.9	350.7	252.9	173.4	101.6	41.4	0.0
10°	472.1	352.4	254.0	174.8	102.5	41.7	0.0
7.5°	471.6	353.1	254.3	175.8	103.2	41.9	0.0
5°	469.5	352.8	254.0	176.4	103.7	42.1	0.0
2.5°	465.9	351.6	253.1	176.5	103.9	42.2	0.0
0°	460.9	349.4	251.5	176.2	103.9	42.2	0.0
-2.5°	455.6	346.1	250.3	175.4	103.7	42.3	0.0
-5°	449.1	341.9	248.5	174.2	103.2	42.2	0.0
-7.5°	441.4	336.9	246.1	172.6	102.5	42.1	0.0
-10°	432.5	331.1	243.2	170.6	101.5	41.9	0.0
-12.5°	422.6	324.5	239.8	168.2	100.4	41.7	0.0
-15°	411.6	317.4	235.8	165.5	99.0	41.3	0.0
-17.5°	399.7	309.6	231.2	162.4	97.5	40.9	0.0
-20°	387.4	301.3	226.2	159.0	95.7	40.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	375.0	292.4	220.6	155.2	93.8	39.8	0.0
-25°	361.9	283.6	214.6	151.1	91.6	39.1	0.0
-27.5°	348.1	274.4	208.0	146.7	89.3	38.4	0.0
-30°	333.7	264.6	201.1	142.1	86.8	37.5	0.0
-32.5°	318.8	254.3	193.9	137.1	84.2	36.6	0.0
-35°	304.9	243.5	186.3	131.9	81.4	35.6	0.0
-37.5°	291.0	232.5	178.3	126.4	78.4	34.6	0.0
-40°	276.7	222.0	170.0	120.6	75.3	33.4	0.0
-42.5°	261.9	211.2	161.8	114.7	72.1	32.2	0.0
-45°	246.7	200.0	153.6	108.6	68.7	31.0	0.0
-47.5°	231.1	188.5	145.1	102.2	65.2	29.6	0.0
-50°	216.7	176.7	136.3	96.5	61.6	28.2	0.0
-52.5°	202.4	164.6	127.3	90.9	57.8	26.8	0.0
-55°	187.9	153.0	118.0	85.2	54.0	25.3	0.0
-57.5°	173.1	141.2	108.5	79.2	50.1	23.7	0.0
-60°	158.2	129.1	98.8	73.2	46.1	22.1	0.0
-62.5°	143.7	116.8	90.6	67.0	42.6	20.4	0.0
-65°	128.9	104.3	82.3	60.6	39.1	18.7	0.0
-67.5°	113.9	92.7	73.8	54.2	35.4	16.9	0.0
-70°	98.7	82.1	65.2	47.6	31.7	15.2	0.0
-72.5°	85.7	71.3	56.4	41.7	27.9	13.3	0.0
-75°	72.8	60.5	47.6	35.9	24.1	11.5	0.0
-77.5°	59.8	49.5	39.6	30.0	20.1	9.6	0.0
-80°	46.8	39.3	31.8	24.1	16.2	7.7	0.0
-82.5°	35.0	29.5	23.9	18.1	12.2	5.8	0.0
-85°	23.4	19.7	15.9	12.1	8.1	3.9	0.0
-87.5°	11.7	9.9	8.0	6.0	4.1	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)