

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: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559210 (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-SA6D-930-U-WAF-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

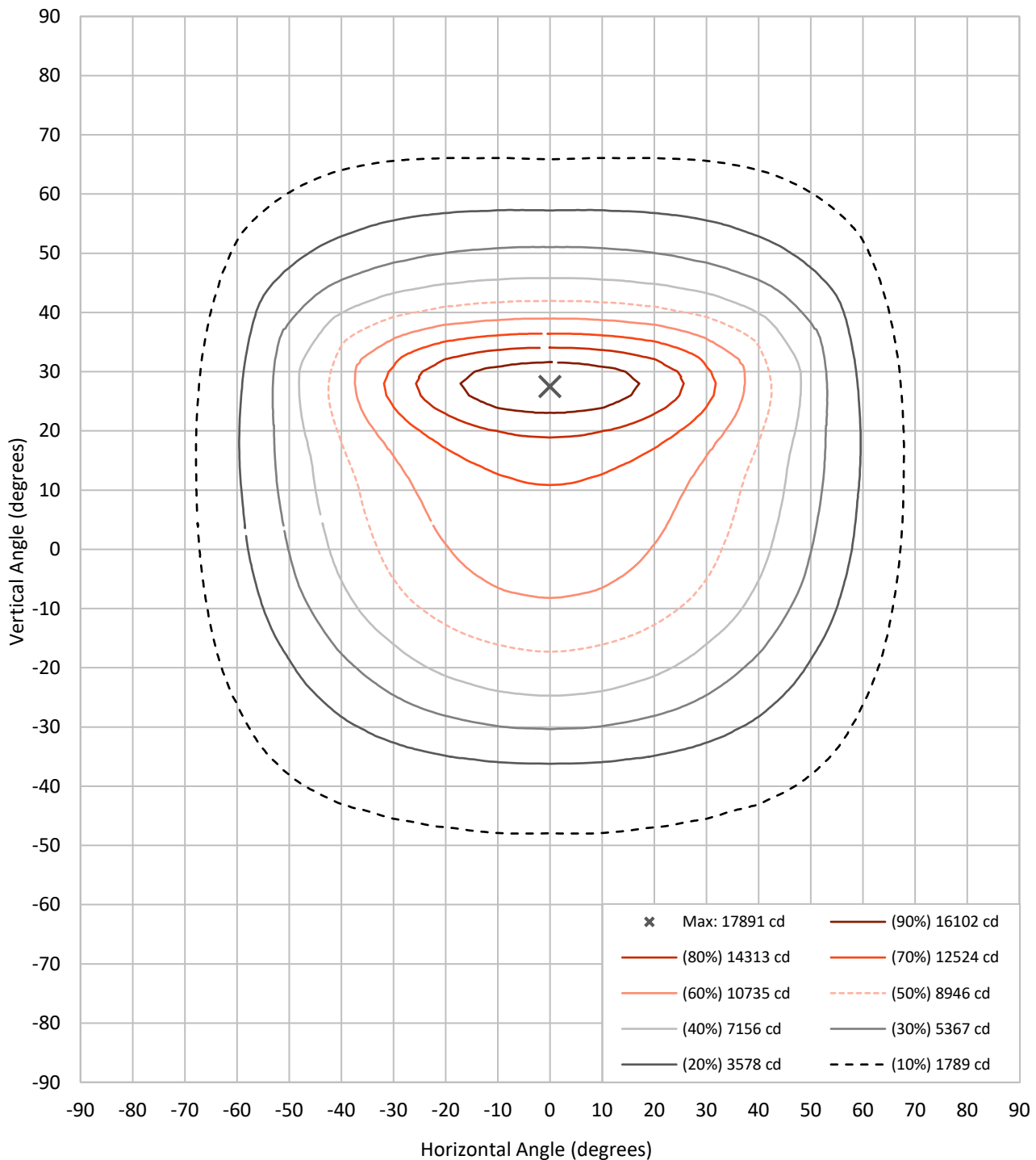
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	26081.9 lumens	Max Intensity:	17891 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	81.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	13527.4 lumens	Field Lumens:	24128 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	319		
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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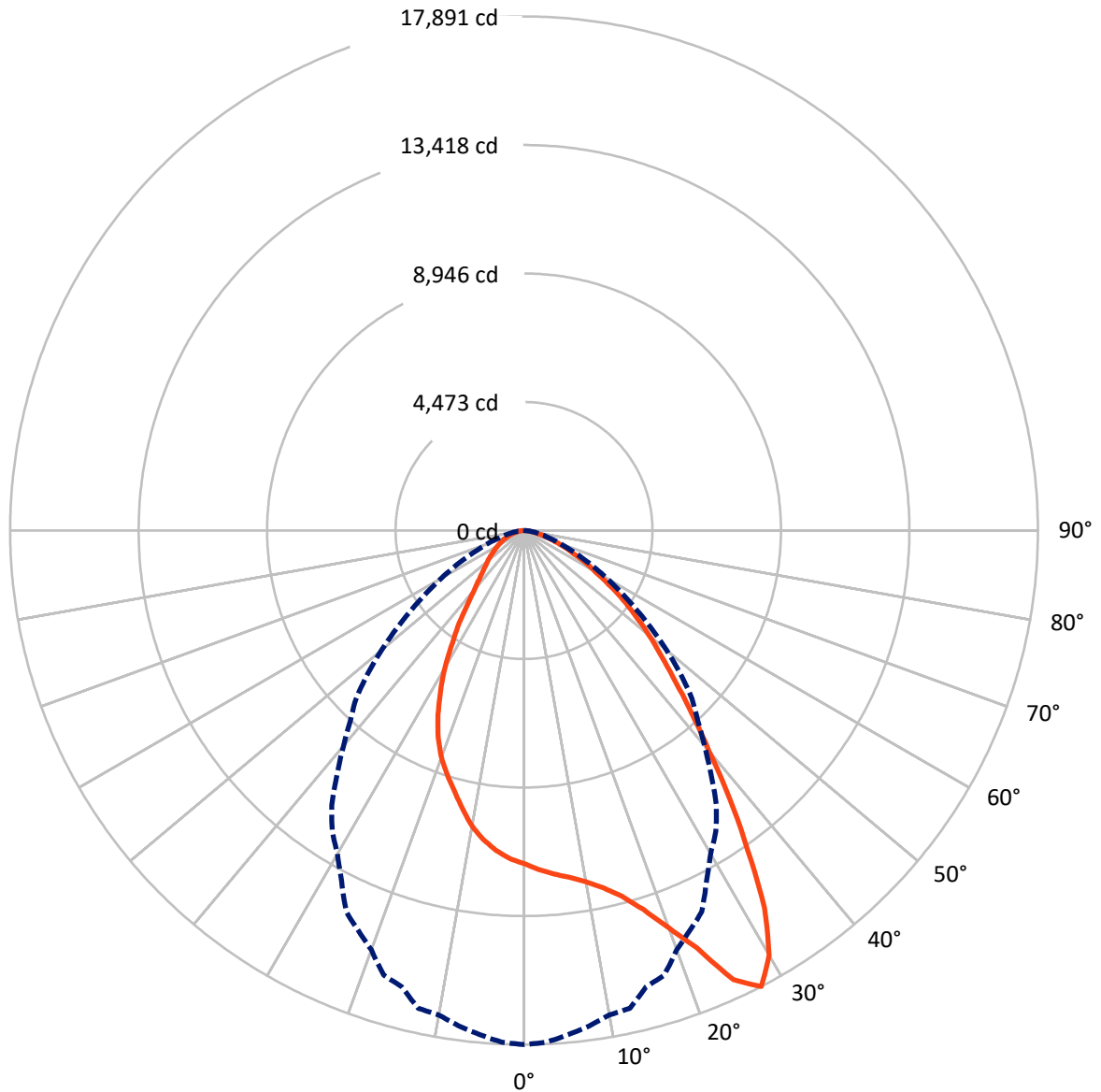
### Iso-Candela Plot





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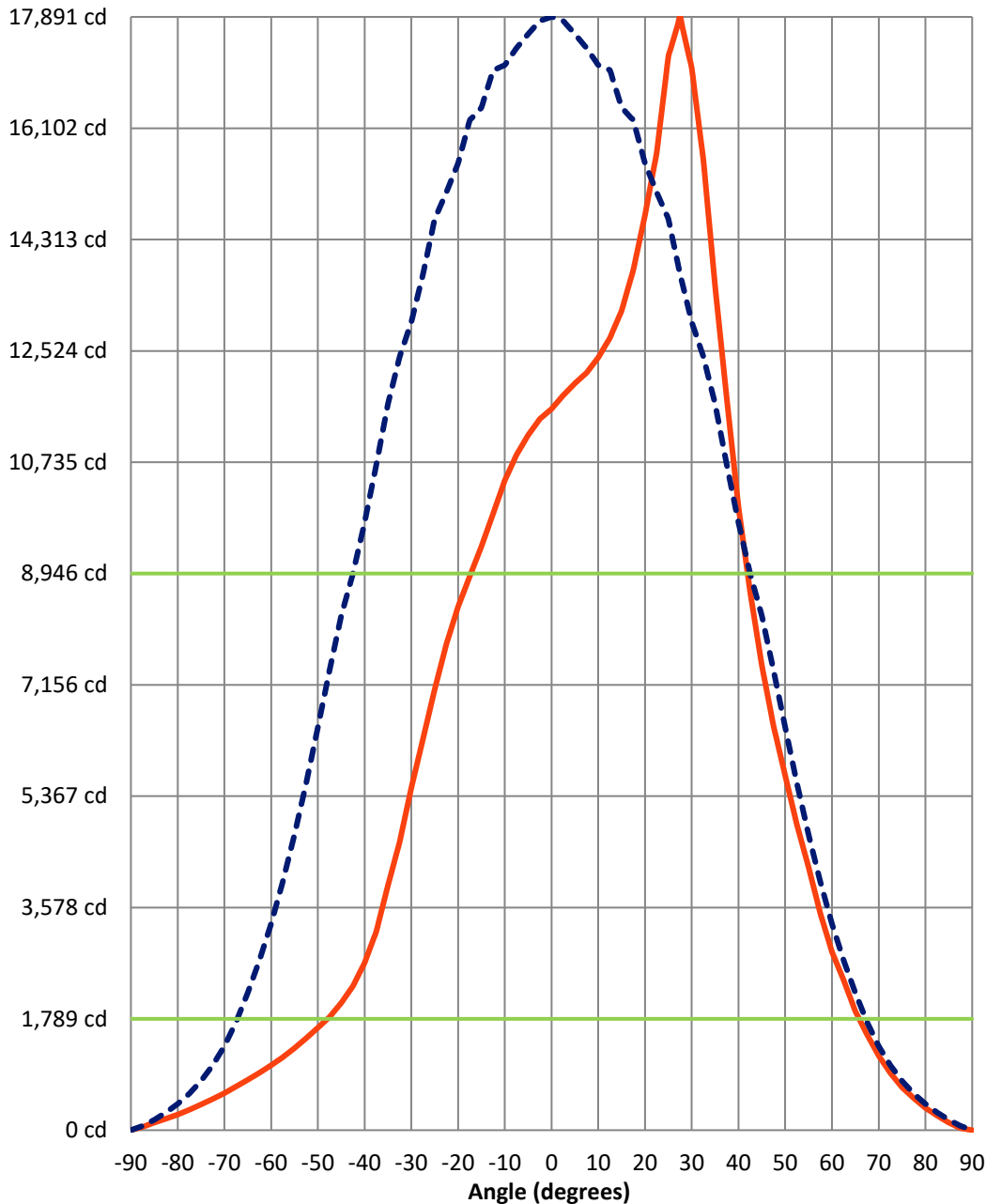
### Luminous Intensity Polar Plot



— 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: 13527.4  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 24128  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1953.9  
 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	3.4	7.0	10.3	13.6	16.8	19.9	23.0	25.9	28.7	31.4
85°	0.0	6.8	13.9	20.6	27.2	33.6	39.9	45.9	51.7	57.4	62.8
82.5°	0.0	10.2	20.8	30.9	40.8	50.4	59.7	68.8	79.1	96.4	114.4
80°	0.0	13.6	27.7	41.1	54.3	67.1	81.2	103.8	127.4	152.0	177.5
77.5°	0.0	17.0	34.5	51.3	67.6	87.4	115.4	144.6	175.2	207.0	244.0
75°	0.0	20.3	41.2	61.3	82.3	114.6	149.0	185.0	223.7	272.6	322.6
72.5°	0.0	23.6	47.9	71.3	103.1	141.4	182.2	227.8	283.7	341.2	400.0
70°	0.0	26.8	54.4	82.1	123.5	167.7	215.9	278.5	342.7	408.8	486.1
67.5°	0.0	30.0	60.9	96.6	143.5	193.5	257.2	328.2	400.7	486.5	573.0
65°	0.0	33.1	67.2	110.9	163.1	222.1	297.3	376.7	467.8	562.5	663.0
62.5°	0.0	36.1	73.3	124.7	182.1	253.3	336.1	430.8	533.3	639.4	762.1
60°	0.0	39.1	79.4	138.3	200.5	283.3	373.5	486.2	597.0	724.1	858.0
57.5°	0.0	42.0	87.9	151.4	222.7	312.2	415.8	539.4	666.4	805.8	967.6
55°	0.0	44.8	96.1	164.0	244.2	339.9	456.8	588.9	734.9	888.4	1079.8
52.5°	0.0	47.6	104.2	176.2	264.8	367.1	495.7	641.5	800.4	980.9	1185.5
50°	0.0	50.2	111.9	187.9	284.3	396.8	532.2	691.5	866.5	1067.8	1311.9
47.5°	0.0	52.8	119.3	199.7	302.8	424.8	567.1	738.1	937.1	1148.6	1432.5
45°	0.0	55.2	126.5	212.7	320.3	450.9	603.5	781.0	998.4	1246.5	1543.6
42.5°	0.0	57.5	133.3	224.9	336.6	475.1	637.1	826.0	1054.8	1336.6	1668.4
40°	0.0	59.7	139.7	236.6	353.2	497.3	667.7	871.1	1111.7	1417.7	1785.4
37.5°	0.0	61.8	145.8	247.6	369.7	517.5	695.3	912.1	1173.1	1491.9	1890.2
35°	0.0	63.8	151.6	258.0	384.8	537.7	719.8	948.8	1227.2	1570.6	1988.9
32.5°	0.0	65.6	157.0	267.6	398.5	556.6	743.5	981.3	1274.0	1638.1	2076.9
30°	0.0	67.4	162.0	276.5	410.6	573.2	768.8	1011.5	1313.4	1694.1	2149.8
27.5°	0.0	68.9	166.6	284.6	422.2	587.5	790.8	1042.8	1350.0	1738.9	2207.8
25°	0.0	70.4	170.8	291.9	432.4	599.5	809.3	1068.4	1385.7	1780.1	2251.3
22.5°	0.0	71.7	174.6	298.5	441.2	610.0	824.4	1088.3	1412.5	1813.3	2288.5
20°	0.0	72.9	178.0	304.3	448.5	620.5	836.1	1102.7	1430.8	1834.9	2312.6
17.5°	0.0	73.9	181.0	309.3	454.4	629.1	846.7	1111.7	1440.7	1845.1	2323.7
15°	0.0	74.8	183.6	313.4	459.0	635.8	855.2	1118.0	1442.8	1844.4	2322.2
12.5°	0.0	75.6	185.7	316.8	462.2	640.8	860.5	1122.6	1442.8	1833.3	2308.4
10°	0.0	76.2	187.4	319.4	464.1	643.9	862.5	1122.9	1440.4	1827.8	2287.4
7.5°	0.0	76.6	188.7	321.2	464.8	645.2	861.6	1119.0	1431.9	1816.2	2264.0
5°	0.0	76.9	189.5	322.3	464.2	644.8	857.8	1111.2	1417.7	1796.9	2229.3
2.5°	0.0	77.1	189.9	322.5	462.5	642.5	851.2	1099.5	1398.0	1770.2	2184.3
0°	0.0	77.1	189.9	322.0	459.6	638.5	842.1	1084.3	1373.3	1736.5	2130.1
-2.5°	0.0	77.2	189.4	320.5	457.4	632.5	832.4	1068.4	1349.0	1699.1	2075.6
-5°	0.0	77.2	188.6	318.3	454.1	624.8	820.5	1049.3	1320.5	1655.8	2013.9
-7.5°	0.0	77.0	187.3	315.4	449.8	615.6	806.4	1027.3	1288.0	1607.0	1946.0
-10°	0.0	76.6	185.6	311.8	444.4	605.0	790.2	1002.7	1251.9	1553.6	1872.9
-12.5°	0.0	76.1	183.5	307.4	438.1	593.1	772.1	975.6	1212.5	1496.5	1801.0
-15°	0.0	75.5	181.0	302.4	430.8	579.9	752.1	946.3	1172.2	1440.4	1727.7
-17.5°	0.0	74.7	178.2	296.8	422.5	565.7	730.3	917.1	1131.9	1381.2	1650.6
-20°	0.0	73.8	174.9	290.5	413.2	550.5	707.8	887.4	1089.4	1319.3	1570.4



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 CATALOG NUMBER: GFLD-SA6D-930-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	72.7	171.4	283.6	403.1	534.3	685.2	855.7	1045.0	1255.3	1487.7
-25°	0.0	71.4	167.5	276.2	392.0	518.2	661.3	822.0	999.1	1189.8	1403.0
-27.5°	0.0	70.1	163.2	268.1	380.1	501.4	636.1	786.6	951.8	1126.2	1322.7
-30°	0.0	68.5	158.7	259.6	367.4	483.5	609.8	749.5	906.2	1068.2	1242.5
-32.5°	0.0	66.9	153.9	250.5	354.2	464.6	582.5	714.9	860.7	1009.9	1162.8
-35°	0.0	65.1	148.7	240.9	340.4	444.8	557.1	680.7	813.9	951.7	1083.8
-37.5°	0.0	63.1	143.3	230.9	325.8	424.8	531.8	645.9	765.9	893.7	1018.6
-40°	0.0	61.1	137.6	220.5	310.7	405.7	505.6	610.4	716.8	837.3	956.9
-42.5°	0.0	58.9	131.7	209.6	295.6	385.8	478.6	574.5	672.6	782.7	894.0
-45°	0.0	56.6	125.5	198.4	280.7	365.4	450.8	539.7	631.0	728.1	830.6
-47.5°	0.0	54.1	119.1	186.8	265.2	344.4	422.2	506.4	589.5	673.4	770.2
-50°	0.0	51.6	112.5	176.4	249.2	322.9	396.0	472.4	548.5	627.5	710.0
-52.5°	0.0	48.9	105.7	166.2	232.6	300.9	369.9	437.8	508.7	580.7	651.0
-55°	0.0	46.1	98.7	155.6	215.7	279.6	343.3	403.2	469.2	533.1	598.6
-57.5°	0.0	43.3	91.5	144.8	198.3	258.0	316.4	372.4	428.9	487.6	545.6
-60°	0.0	40.3	84.1	133.7	180.6	235.9	289.2	341.2	389.3	442.4	493.3
-62.5°	0.0	37.3	77.8	122.4	165.6	213.5	262.6	309.6	353.6	396.6	443.3
-65°	0.0	34.1	71.4	110.8	150.4	190.6	235.6	277.8	317.5	355.4	393.0
-67.5°	0.0	30.9	64.7	99.0	134.8	169.4	208.2	246.4	281.0	315.0	347.0
-70°	0.0	27.7	57.9	87.0	119.1	150.0	180.4	214.8	246.1	274.4	302.7
-72.5°	0.0	24.4	51.0	76.2	103.1	130.3	156.5	182.9	211.0	236.3	258.9
-75°	0.0	21.0	44.0	65.6	87.0	110.5	133.0	154.8	175.8	198.3	218.4
-77.5°	0.0	17.5	36.8	54.8	72.4	90.4	109.3	127.8	145.3	161.6	178.0
-80°	0.0	14.1	29.5	44.0	58.1	71.8	85.5	100.7	115.0	128.5	141.1
-82.5°	0.0	10.6	22.2	33.1	43.6	53.9	64.0	74.3	84.7	95.3	105.2
-85°	0.0	7.1	14.8	22.1	29.1	36.0	42.7	49.6	56.4	63.2	69.7
-87.5°	0.0	3.5	7.4	11.0	14.6	18.0	21.4	24.8	28.2	31.6	34.9
-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: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	33.0	34.4	35.5	36.3	37.7	38.9	40.0	40.9	41.6	42.2	42.6
85°	66.1	68.8	77.0	84.7	92.9	100.2	106.8	112.5	117.2	121.0	124.0
82.5°	129.1	142.9	156.0	168.3	179.6	189.6	199.2	210.3	219.2	226.7	232.8
80°	198.1	216.9	239.8	261.3	280.6	298.3	314.5	329.0	340.3	351.7	362.7
77.5°	278.4	308.9	337.3	363.5	388.8	418.3	445.7	470.8	490.0	504.6	515.8
75°	364.7	400.9	442.3	483.3	521.9	557.4	591.8	633.7	667.9	693.6	714.1
72.5°	457.0	509.0	559.6	608.7	665.3	720.3	773.6	825.2	870.5	903.7	930.7
70°	556.5	617.0	686.9	757.7	825.7	894.7	968.3	1035.3	1090.7	1129.9	1167.2
67.5°	658.3	743.1	825.9	911.1	1007.5	1095.2	1175.6	1260.3	1335.0	1384.2	1427.2
65°	775.6	870.5	981.1	1093.9	1199.7	1309.4	1410.9	1502.8	1597.1	1665.6	1721.9
62.5°	889.0	1022.5	1152.8	1284.9	1417.9	1537.1	1669.7	1788.0	1882.7	1980.8	2064.8
60°	1023.5	1182.1	1341.9	1501.2	1650.0	1817.5	1962.9	2100.3	2227.0	2336.3	2439.7
57.5°	1157.8	1362.5	1551.6	1738.5	1935.4	2114.5	2285.4	2439.3	2590.8	2717.3	2841.3
55°	1299.0	1562.5	1780.8	2011.6	2228.2	2430.5	2622.5	2815.4	2976.8	3151.1	3302.7
52.5°	1455.7	1756.8	2038.8	2292.9	2537.0	2770.5	3000.1	3232.2	3459.0	3639.6	3811.0
50°	1602.2	1961.1	2300.3	2590.3	2870.9	3148.0	3435.1	3725.2	3975.1	4181.7	4360.1
47.5°	1763.5	2150.8	2581.8	2902.6	3239.3	3582.8	3931.2	4251.7	4524.0	4805.1	5002.1
45°	1920.6	2342.9	2810.5	3255.6	3645.2	4061.1	4445.0	4798.6	5193.0	5500.0	5763.3
42.5°	2064.0	2524.8	3045.4	3611.8	4099.0	4545.4	4960.9	5458.2	5911.4	6270.3	6598.7
40°	2211.6	2690.3	3258.9	3942.7	4551.5	5028.0	5533.7	6083.3	6673.2	7114.8	7507.4
37.5°	2346.5	2859.7	3454.2	4195.3	4997.0	5520.9	6080.0	6676.4	7348.9	8013.1	8485.1
35°	2465.9	3003.1	3648.1	4400.7	5221.5	5998.6	6590.0	7225.0	7961.0	8822.9	9467.4
32.5°	2574.2	3120.2	3801.8	4560.9	5393.7	6304.8	7055.1	7707.0	8445.4	9334.8	10429.2
30°	2662.4	3233.6	3916.4	4676.7	5511.9	6419.2	7372.2	8082.4	8783.2	9656.0	10674.6
27.5°	2729.4	3316.8	3995.2	4749.0	5575.1	6472.4	7388.9	8265.2	8943.7	9764.9	10691.3
25°	2780.8	3384.9	4037.0	4775.8	5584.4	6449.1	7331.0	8160.3	8921.9	9645.9	10477.2
22.5°	2823.4	3431.9	4082.8	4757.7	5542.2	6366.0	7195.5	7986.2	8723.3	9401.1	10116.2
20°	2855.3	3461.9	4105.9	4775.4	5471.5	6231.1	7024.4	7776.9	8488.9	9145.3	9727.2
17.5°	2869.7	3470.8	4105.9	4772.1	5459.6	6124.0	6814.8	7538.0	8238.0	8890.1	9465.1
15°	2867.1	3459.2	4083.3	4746.7	5423.8	6082.1	6718.4	7315.1	7966.9	8626.1	9199.0
12.5°	2848.2	3427.9	4038.9	4699.1	5365.7	6016.0	6640.9	7240.0	7824.5	8376.6	8924.4
10°	2813.5	3377.9	3973.6	4629.8	5285.3	5926.0	6542.8	7144.0	7722.4	8264.4	8774.4
7.5°	2778.1	3321.9	3895.0	4538.9	5182.7	5812.1	6423.4	7025.7	7592.8	8133.7	8648.7
5°	2731.3	3262.5	3835.1	4452.0	5072.5	5686.6	6284.7	6884.0	7436.1	7981.9	8499.0
2.5°	2671.8	3188.8	3759.7	4346.6	4949.2	5556.8	6134.8	6722.9	7289.0	7813.5	8323.0
0°	2600.7	3101.5	3668.5	4221.6	4805.0	5405.0	5960.9	6536.1	7125.0	7620.4	8118.5
-2.5°	2523.2	2997.0	3535.6	4085.9	4649.8	5238.2	5808.1	6353.4	6929.4	7430.1	7938.8
-5°	2436.3	2881.6	3388.7	3932.8	4476.3	5049.9	5630.5	6148.9	6699.1	7194.3	7694.6
-7.5°	2341.4	2757.0	3229.8	3760.8	4278.7	4819.6	5369.5	5868.3	6403.1	6892.9	7380.3
-10°	2241.2	2634.0	3075.4	3566.6	4054.7	4558.9	5075.5	5563.9	6078.2	6565.9	7034.9
-12.5°	2145.2	2512.8	2916.3	3362.9	3818.4	4284.3	4764.6	5236.2	5724.1	6214.2	6652.5
-15°	2044.6	2385.4	2751.9	3152.2	3571.6	3998.0	4439.2	4885.5	5343.3	5822.8	6227.8
-17.5°	1940.6	2253.1	2584.2	2936.8	3316.3	3702.3	4107.9	4538.7	4957.7	5394.5	5786.1
-20°	1834.1	2116.8	2414.9	2718.9	3056.0	3426.2	3805.6	4192.1	4572.9	4953.2	5321.1



REPORT NUMBER: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	1726.1	1977.6	2248.9	2516.4	2837.0	3171.2	3504.1	3839.7	4181.3	4508.7	4856.8
-25°	1621.9	1848.4	2088.1	2348.0	2623.3	2917.9	3204.0	3487.6	3790.5	4097.5	4397.0
-27.5°	1521.3	1721.2	1947.5	2179.4	2408.6	2670.9	2921.2	3161.6	3426.0	3696.7	3938.7
-30°	1420.6	1610.4	1808.5	2014.3	2216.0	2434.9	2651.3	2862.2	3077.6	3309.5	3519.1
-32.5°	1327.1	1500.5	1680.7	1861.1	2032.3	2202.1	2402.1	2589.4	2765.7	2930.9	3113.8
-35°	1241.7	1400.6	1557.3	1712.8	1853.9	2003.2	2170.5	2328.2	2469.6	2602.3	2742.2
-37.5°	1161.1	1302.6	1434.6	1573.6	1699.0	1826.9	1949.9	2086.5	2201.2	2307.2	2421.9
-40°	1080.3	1206.8	1325.7	1441.7	1556.7	1663.5	1768.6	1861.5	1953.8	2055.6	2134.6
-42.5°	1000.8	1118.3	1224.6	1313.7	1422.1	1514.2	1595.7	1672.7	1748.2	1827.6	1890.8
-45°	930.6	1030.7	1127.7	1213.0	1294.3	1372.7	1442.0	1502.4	1573.8	1629.0	1676.7
-47.5°	859.7	946.4	1035.1	1113.9	1181.8	1245.6	1297.1	1357.8	1416.4	1463.7	1491.5
-50°	790.0	869.3	944.4	1017.8	1079.4	1130.6	1175.0	1225.0	1273.6	1313.9	1340.4
-52.5°	725.8	792.0	861.6	924.1	980.8	1026.7	1069.1	1112.5	1148.2	1175.8	1210.6
-55°	662.3	723.3	781.4	837.5	886.1	928.1	969.6	1008.2	1038.6	1062.5	1091.2
-57.5°	602.7	657.8	708.5	755.5	799.1	835.2	875.6	908.6	937.0	959.3	988.9
-60°	544.7	593.9	640.0	681.0	716.7	752.4	785.3	815.6	840.4	862.5	889.7
-62.5°	486.9	531.4	572.9	610.6	643.1	672.6	702.3	728.1	748.8	771.7	794.3
-65°	432.8	470.4	506.7	541.1	571.8	599.8	624.3	645.2	664.6	685.0	703.1
-67.5°	378.9	413.9	444.4	471.7	500.1	527.2	549.9	569.2	585.5	602.0	617.2
-70°	330.6	358.4	386.3	410.9	432.5	455.1	477.2	495.3	509.8	522.9	535.2
-72.5°	283.1	307.8	330.8	352.0	371.6	389.8	407.1	423.6	437.1	447.3	456.2
-75°	238.1	257.2	277.1	295.7	311.6	325.7	339.0	352.2	363.2	371.9	379.0
-77.5°	194.9	211.0	226.2	240.5	252.0	263.2	273.5	283.0	291.5	298.1	303.0
-80°	153.0	164.7	177.1	188.7	197.6	205.1	211.7	217.3	223.6	230.0	235.6
-82.5°	113.9	122.3	130.5	138.4	144.6	149.8	154.4	158.7	163.2	167.4	171.0
-85°	75.0	79.8	84.8	89.6	94.3	98.5	102.1	105.1	107.6	109.7	111.4
-87.5°	37.5	39.9	42.2	44.2	46.5	48.7	50.7	52.5	53.8	54.8	55.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559210 (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°	42.8	43.0	42.9	42.7	42.4	40.7	38.8	36.8	34.6	35.6	36.6
85°	126.2	126.7	126.3	125.0	123.0	122.9	122.4	121.6	120.5	122.3	123.9
82.5°	237.4	239.2	239.5	238.4	236.0	237.0	237.4	236.9	235.5	237.2	238.3
80°	371.1	374.6	374.8	372.3	367.2	367.9	368.3	367.2	364.8	365.4	365.2
77.5°	528.6	536.8	539.7	538.5	533.4	531.9	528.3	521.1	510.5	510.4	510.6
75°	729.6	738.0	742.3	742.0	737.1	733.9	729.3	721.1	709.3	708.8	708.9
72.5°	951.4	963.6	969.1	974.1	974.0	972.2	966.3	954.0	935.7	933.6	935.8
70°	1196.4	1217.0	1230.0	1240.1	1248.0	1249.7	1245.8	1235.8	1219.9	1215.7	1214.4
67.5°	1469.2	1502.2	1527.1	1543.7	1559.3	1570.6	1574.8	1570.4	1557.5	1553.2	1554.9
65°	1774.9	1825.8	1867.8	1899.2	1920.3	1935.2	1948.2	1956.0	1957.9	1962.4	1968.5
62.5°	2132.1	2194.6	2253.0	2292.8	2313.3	2327.7	2369.7	2393.8	2400.8	2402.3	2411.5
60°	2531.0	2609.9	2682.8	2741.3	2788.6	2824.3	2860.1	2883.7	2892.5	2894.2	2907.0
57.5°	2967.1	3066.2	3151.5	3242.2	3305.4	3341.9	3389.7	3438.8	3464.5	3471.9	3502.1
55°	3449.6	3584.9	3695.5	3792.5	3880.7	3958.3	4024.0	4074.7	4112.1	4134.6	4174.6
52.5°	3983.2	4142.1	4257.8	4371.6	4498.2	4587.4	4645.8	4739.5	4807.3	4844.6	4892.3
50°	4569.0	4746.1	4903.7	5023.1	5170.3	5292.1	5381.0	5469.7	5531.8	5567.4	5613.6
47.5°	5235.9	5454.0	5636.9	5747.5	5918.4	6062.0	6119.8	6186.9	6303.9	6360.1	6409.5
45°	5986.7	6265.0	6468.2	6641.2	6788.2	6949.2	7054.7	7130.8	7246.1	7303.9	7340.4
42.5°	6880.1	7189.7	7457.4	7665.2	7788.7	7997.5	8149.9	8192.8	8356.0	8466.7	8499.3
40°	7882.1	8225.2	8578.4	8815.3	9014.1	9226.1	9477.5	9617.4	9755.4	9864.0	9888.6
37.5°	8926.2	9385.5	9788.6	10094.3	10423.1	10736.0	11002.4	11147.6	11238.2	11445.9	11523.4
35°	9987.6	10461.6	11026.2	11501.4	11899.9	12286.2	12590.1	12829.4	13057.2	13244.2	13356.2
32.5°	10891.5	11401.6	12098.7	12810.2	13240.4	13658.7	14157.9	14431.7	14735.7	14982.1	15162.0
30°	11634.3	12119.3	12753.9	13646.8	14235.7	14659.7	15291.5	15670.1	16001.2	16418.7	16564.0
27.5°	11669.5	12427.5	12988.7	13757.6	14641.4	15071.9	15539.4	16227.5	16436.2	17031.6	17117.4
25°	11363.2	12159.0	12735.7	13377.6	14112.5	14636.1	15063.1	15635.2	15934.8	16317.7	16611.7
22.5°	10884.1	11585.5	12173.8	12718.1	13291.6	13768.3	14158.6	14560.8	14889.5	15186.6	15462.5
20°	10355.0	11020.8	11578.8	12046.8	12501.2	12943.2	13294.3	13632.1	13916.4	14171.4	14328.4
17.5°	9982.4	10461.4	11031.5	11511.0	11904.9	12251.8	12615.0	12897.7	13147.1	13376.6	13520.2
15°	9728.0	10183.5	10589.4	11029.3	11444.6	11775.2	12048.6	12340.4	12555.9	12753.5	12909.1
12.5°	9464.0	9933.3	10358.0	10724.4	11049.5	11410.6	11702.9	11932.3	12158.5	12313.7	12473.4
10°	9243.4	9682.5	10123.1	10510.0	10852.0	11149.6	11426.3	11683.7	11886.6	12060.6	12186.5
7.5°	9115.4	9546.0	9941.9	10313.2	10646.5	10963.7	11249.1	11485.0	11686.1	11866.2	11998.0
5°	8966.9	9393.2	9788.4	10167.8	10488.1	10792.8	11077.0	11319.7	11527.9	11688.4	11814.6
2.5°	8796.8	9217.2	9611.5	9997.2	10317.3	10611.2	10880.1	11116.9	11333.7	11486.6	11594.1
0°	8602.9	9023.9	9409.2	9772.5	10094.5	10410.9	10658.6	10898.0	11110.0	11261.3	11368.6
-2.5°	8407.3	8825.8	9224.6	9572.6	9892.3	10184.4	10448.1	10674.2	10876.5	11027.3	11121.6
-5°	8147.3	8563.2	8956.8	9307.6	9641.4	9934.8	10191.0	10421.0	10616.0	10780.3	10908.1
-7.5°	7832.6	8253.1	8646.3	9004.4	9336.7	9613.9	9860.0	10091.7	10299.8	10479.3	10636.6
-10°	7486.5	7902.4	8273.9	8609.3	8918.9	9200.7	9462.5	9691.4	9882.2	10058.0	10190.4
-12.5°	7083.4	7468.5	7831.9	8162.5	8465.2	8747.4	8996.3	9214.4	9406.4	9562.3	9681.5
-15°	6638.6	7004.2	7348.4	7686.3	8003.2	8281.1	8500.2	8729.9	8896.3	9047.5	9155.0
-17.5°	6162.7	6516.2	6878.2	7217.0	7509.5	7783.7	8024.7	8234.7	8409.3	8548.0	8669.2
-20°	5680.4	6040.5	6388.8	6711.7	6993.1	7247.2	7491.3	7693.0	7871.9	8022.8	8165.0



REPORT NUMBER: P559210 (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°	5196.1	5526.2	5853.2	6169.1	6435.2	6675.5	6889.2	7082.2	7240.1	7418.0	7543.5
-25°	4698.4	4987.8	5283.1	5562.1	5813.7	6049.9	6243.6	6412.8	6577.4	6749.2	6871.5
-27.5°	4198.5	4454.3	4694.2	4941.0	5161.5	5366.1	5545.8	5693.9	5853.7	5968.3	6102.9
-30°	3704.0	3936.1	4136.1	4307.9	4515.2	4690.8	4830.7	4977.7	5109.8	5219.3	5332.7
-32.5°	3285.3	3444.0	3603.8	3747.4	3885.3	4029.6	4142.4	4270.7	4361.3	4455.6	4547.2
-35°	2883.0	3005.2	3111.3	3245.6	3348.9	3427.5	3521.5	3615.7	3651.9	3754.5	3809.2
-37.5°	2518.6	2598.8	2697.8	2791.4	2868.1	2926.7	3010.5	3059.8	3085.8	3152.2	3187.7
-40°	2206.7	2257.3	2349.7	2413.6	2459.8	2502.4	2572.0	2604.0	2639.5	2672.5	2673.4
-42.5°	1932.3	1997.5	2060.1	2110.4	2139.4	2188.0	2220.9	2224.4	2270.4	2299.7	2304.3
-45°	1707.9	1774.1	1823.8	1860.7	1889.7	1931.6	1952.7	1964.5	2001.9	2021.8	2030.6
-47.5°	1535.5	1581.8	1624.8	1653.2	1691.4	1722.4	1737.8	1757.6	1786.3	1804.6	1817.6
-50°	1383.9	1420.6	1453.3	1479.4	1517.4	1544.9	1559.7	1584.0	1605.5	1618.7	1629.0
-52.5°	1250.7	1283.4	1306.1	1331.4	1362.9	1387.3	1406.2	1430.2	1448.1	1459.7	1468.8
-55°	1125.9	1156.7	1178.8	1206.4	1228.9	1245.3	1261.4	1284.8	1302.4	1314.3	1322.0
-57.5°	1015.8	1038.9	1060.6	1085.7	1107.1	1124.9	1139.3	1152.3	1163.8	1173.5	1181.1
-60°	912.7	931.5	951.4	971.0	987.2	1000.0	1015.4	1027.2	1034.6	1039.3	1045.5
-62.5°	813.5	830.4	848.0	863.8	876.7	887.5	899.9	909.7	916.6	921.5	925.1
-65°	719.3	733.8	748.8	761.9	773.1	782.4	791.2	798.0	802.9	807.0	810.2
-67.5°	631.1	642.7	653.1	662.2	670.6	678.5	686.2	691.4	694.3	697.6	701.0
-70°	546.0	555.2	562.2	567.6	572.6	578.9	586.2	591.4	594.4	597.6	600.7
-72.5°	463.8	470.5	476.2	480.7	483.5	487.5	492.6	496.8	500.0	502.4	503.6
-75°	384.6	390.1	395.1	398.6	400.7	403.6	406.1	407.5	407.7	408.9	409.6
-77.5°	307.2	312.6	317.3	320.6	322.6	325.0	326.9	327.9	328.1	328.2	327.5
-80°	239.8	243.5	246.6	248.9	250.5	252.1	253.0	253.2	252.7	253.2	253.4
-82.5°	174.2	177.5	180.2	182.3	183.7	185.3	186.7	187.6	188.1	188.3	188.1
-85°	112.8	114.3	115.7	117.0	118.2	119.0	119.4	119.4	119.1	119.2	119.1
-87.5°	56.4	55.7	54.8	53.7	52.4	52.8	53.0	53.1	53.1	53.7	54.2
-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: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	37.5	38.4	35.7	33.0	35.7	38.4	37.5	36.6	35.6	34.6	36.8
85°	125.1	125.9	123.7	121.1	123.7	125.9	125.1	123.9	122.3	120.5	121.6
82.5°	238.6	238.1	236.3	233.9	236.3	238.1	238.6	238.3	237.2	235.5	236.9
80°	363.9	361.5	360.1	357.8	360.1	361.5	363.9	365.2	365.4	364.8	367.2
77.5°	509.3	506.6	511.1	514.6	511.1	506.6	509.3	510.6	510.4	510.5	521.1
75°	706.1	700.7	695.5	688.0	695.5	700.7	706.1	708.9	708.8	709.3	721.1
72.5°	934.7	930.5	926.3	919.2	926.3	930.5	934.7	935.8	933.6	935.7	954.0
70°	1207.1	1194.4	1196.4	1197.1	1196.4	1194.4	1207.1	1214.4	1215.7	1219.9	1235.8
67.5°	1549.9	1538.2	1539.7	1538.4	1539.7	1538.2	1549.9	1554.9	1553.2	1557.5	1570.4
65°	1964.8	1951.8	1936.0	1912.7	1936.0	1951.8	1964.8	1968.5	1962.4	1957.9	1956.0
62.5°	2410.3	2398.8	2405.5	2410.8	2405.5	2398.8	2410.3	2411.5	2402.3	2400.8	2393.8
60°	2904.9	2888.7	2880.7	2867.6	2880.7	2888.7	2904.9	2907.0	2894.2	2892.5	2883.7
57.5°	3516.0	3513.0	3505.8	3486.8	3505.8	3513.0	3516.0	3502.1	3471.9	3464.5	3438.8
55°	4193.4	4189.6	4205.3	4224.4	4205.3	4189.6	4193.4	4174.6	4134.6	4112.1	4074.7
52.5°	4927.6	4940.0	4935.5	4909.6	4935.5	4940.0	4927.6	4892.3	4844.6	4807.3	4739.5
50°	5654.3	5668.2	5683.0	5696.7	5683.0	5668.2	5654.3	5613.6	5567.4	5531.8	5469.7
47.5°	6477.8	6514.5	6520.9	6494.8	6520.9	6514.5	6477.8	6409.5	6360.1	6303.9	6186.9
45°	7413.5	7435.7	7446.9	7469.0	7446.9	7435.7	7413.5	7340.4	7303.9	7246.1	7130.8
42.5°	8593.2	8618.8	8622.8	8646.9	8622.8	8618.8	8593.2	8499.3	8466.7	8356.0	8192.8
40°	9993.4	10034.9	10027.7	10017.4	10027.7	10034.9	9993.4	9888.6	9864.0	9755.4	9617.4
37.5°	11632.5	11703.0	11710.4	11753.9	11710.4	11703.0	11632.5	11523.4	11445.9	11238.2	11147.6
35°	13472.1	13555.1	13540.7	13562.0	13540.7	13555.1	13472.1	13356.2	13244.2	13057.2	12829.4
32.5°	15327.7	15452.2	15477.2	15582.0	15477.2	15452.2	15327.7	15162.0	14982.1	14735.7	14431.7
30°	16785.6	16960.1	17074.0	17065.4	17074.0	16960.1	16785.6	16564.0	16418.7	16001.2	15670.1
27.5°	17389.5	17615.5	17827.1	17891.0	17827.1	17615.5	17389.5	17117.4	17031.6	16436.2	16227.5
25°	16800.2	16965.4	17152.3	17252.5	17152.3	16965.4	16800.2	16611.7	16317.7	15934.8	15635.2
22.5°	15589.5	15696.9	15760.6	15708.6	15760.6	15696.9	15589.5	15462.5	15186.6	14889.5	14560.8
20°	14490.9	14626.8	14652.1	14706.9	14652.1	14626.8	14490.9	14328.4	14171.4	13916.4	13632.1
17.5°	13673.2	13762.2	13814.4	13826.2	13814.4	13762.2	13673.2	13520.2	13376.6	13147.1	12897.7
15°	13032.3	13103.6	13150.5	13171.2	13150.5	13103.6	13032.3	12909.1	12753.5	12555.9	12340.4
12.5°	12578.2	12665.1	12707.8	12733.7	12707.8	12665.1	12578.2	12473.4	12313.7	12158.5	11932.3
10°	12287.0	12370.9	12404.7	12417.2	12404.7	12370.9	12287.0	12186.5	12060.6	11886.6	11683.7
7.5°	12077.8	12131.7	12154.5	12172.2	12154.5	12131.7	12077.8	11998.0	11866.2	11686.1	11485.0
5°	11909.1	11952.0	11976.1	12001.6	11976.1	11952.0	11909.1	11814.6	11688.4	11527.9	11319.7
2.5°	11679.5	11740.8	11783.3	11809.0	11783.3	11740.8	11679.5	11594.1	11486.6	11333.7	11116.9
0°	11454.0	11511.7	11542.0	11591.6	11542.0	11511.7	11454.0	11368.6	11261.3	11110.0	10898.0
-2.5°	11206.0	11273.0	11352.4	11429.2	11352.4	11273.0	11206.0	11121.6	11027.3	10876.5	10674.2
-5°	11016.3	11104.8	11121.3	11170.5	11121.3	11104.8	11016.3	10908.1	10780.3	10616.0	10421.0
-7.5°	10730.2	10770.5	10839.0	10851.3	10839.0	10770.5	10730.2	10636.6	10479.3	10299.8	10091.7
-10°	10289.3	10354.8	10397.6	10441.2	10397.6	10354.8	10289.3	10190.4	10058.0	9882.2	9691.4
-12.5°	9771.1	9848.2	9917.0	9907.3	9917.0	9848.2	9771.1	9681.5	9562.3	9406.4	9214.4
-15°	9266.4	9340.8	9388.0	9381.7	9388.0	9340.8	9266.4	9155.0	9047.5	8896.3	8729.9
-17.5°	8765.4	8833.3	8901.7	8900.1	8901.7	8833.3	8765.4	8669.2	8548.0	8409.3	8234.7
-20°	8248.1	8306.2	8379.5	8410.2	8379.5	8306.2	8248.1	8165.0	8022.8	7871.9	7693.0



REPORT NUMBER: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	7649.9	7724.3	7777.5	7810.3	7777.5	7724.3	7649.9	7543.5	7418.0	7240.1	7082.2
-25°	6952.6	7029.0	7069.4	7083.7	7069.4	7029.0	6952.6	6871.5	6749.2	6577.4	6412.8
-27.5°	6182.3	6267.9	6309.5	6288.4	6309.5	6267.9	6182.3	6102.9	5968.3	5853.7	5693.9
-30°	5392.3	5447.2	5453.6	5501.3	5453.6	5447.2	5392.3	5332.7	5219.3	5109.8	4977.7
-32.5°	4612.9	4649.7	4628.7	4631.7	4628.7	4649.7	4612.9	4547.2	4455.6	4361.3	4270.7
-35°	3843.2	3872.5	3878.4	3932.7	3878.4	3872.5	3843.2	3809.2	3754.5	3651.9	3615.7
-37.5°	3224.5	3236.4	3218.3	3192.4	3218.3	3236.4	3224.5	3187.7	3152.2	3085.8	3059.8
-40°	2699.7	2708.8	2702.1	2688.7	2702.1	2708.8	2699.7	2673.4	2672.5	2639.5	2604.0
-42.5°	2322.2	2322.3	2316.2	2314.5	2316.2	2322.3	2322.2	2304.3	2299.7	2270.4	2224.4
-45°	2043.3	2046.2	2045.8	2044.8	2045.8	2046.2	2043.3	2030.6	2021.8	2001.9	1964.5
-47.5°	1827.0	1827.6	1824.7	1819.1	1824.7	1827.6	1827.0	1817.6	1804.6	1786.3	1757.6
-50°	1635.4	1635.4	1639.1	1645.7	1639.1	1635.4	1635.4	1629.0	1618.7	1605.5	1584.0
-52.5°	1473.6	1473.2	1475.2	1477.8	1475.2	1473.2	1473.6	1468.8	1459.7	1448.1	1430.2
-55°	1325.5	1324.7	1322.7	1318.2	1322.7	1324.7	1325.5	1322.0	1314.3	1302.4	1284.8
-57.5°	1183.9	1182.3	1178.7	1172.4	1178.7	1182.3	1183.9	1181.1	1173.5	1163.8	1152.3
-60°	1049.0	1049.6	1047.8	1043.0	1047.8	1049.6	1049.0	1045.5	1039.3	1034.6	1027.2
-62.5°	926.0	924.1	923.7	921.9	923.7	924.1	926.0	925.1	921.5	916.6	909.7
-65°	810.8	808.8	809.5	809.1	809.5	808.8	810.8	810.2	807.0	802.9	798.0
-67.5°	702.3	701.7	702.3	701.8	702.3	701.7	702.3	701.0	697.6	694.3	691.4
-70°	602.4	602.6	599.5	594.4	599.5	602.6	602.4	600.7	597.6	594.4	591.4
-72.5°	503.2	501.5	501.7	500.9	501.7	501.5	503.2	503.6	502.4	500.0	496.8
-75°	409.4	408.3	410.9	412.8	410.9	408.3	409.4	409.6	408.9	407.7	407.5
-77.5°	325.9	323.5	325.7	327.5	325.7	323.5	325.9	327.5	328.2	328.1	327.9
-80°	253.1	252.2	251.6	250.4	251.6	252.2	253.1	253.4	253.2	252.7	253.2
-82.5°	187.4	186.3	185.6	184.4	185.6	186.3	187.4	188.1	188.3	188.1	187.6
-85°	118.6	117.8	119.6	121.1	119.6	117.8	118.6	119.1	119.2	119.1	119.4
-87.5°	54.5	54.8	53.6	52.3	53.6	54.8	54.5	54.2	53.7	53.1	53.1
-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: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	38.8	40.7	42.4	42.7	42.9	43.0	42.8	42.6	42.2	41.6	40.9
85°	122.4	122.9	123.0	125.0	126.3	126.7	126.2	124.0	121.0	117.2	112.5
82.5°	237.4	237.0	236.0	238.4	239.5	239.2	237.4	232.8	226.7	219.2	210.3
80°	368.3	367.9	367.2	372.3	374.8	374.6	371.1	362.7	351.7	340.3	329.0
77.5°	528.3	531.9	533.4	538.5	539.7	536.8	528.6	515.8	504.6	490.0	470.8
75°	729.3	733.9	737.1	742.0	742.3	738.0	729.6	714.1	693.6	667.9	633.7
72.5°	966.3	972.2	974.0	974.1	969.1	963.6	951.4	930.7	903.7	870.5	825.2
70°	1245.8	1249.7	1248.0	1240.1	1230.0	1217.0	1196.4	1167.2	1129.9	1090.7	1035.3
67.5°	1574.8	1570.6	1559.3	1543.7	1527.1	1502.2	1469.2	1427.2	1384.2	1335.0	1260.3
65°	1948.2	1935.2	1920.3	1899.2	1867.8	1825.8	1774.9	1721.9	1665.6	1597.1	1502.8
62.5°	2369.7	2327.7	2313.3	2292.8	2253.0	2194.6	2132.1	2064.8	1980.8	1882.7	1788.0
60°	2860.1	2824.3	2788.6	2741.3	2682.8	2609.9	2531.0	2439.7	2336.3	2227.0	2100.3
57.5°	3389.7	3341.9	3305.4	3242.2	3151.5	3066.2	2967.1	2841.3	2717.3	2590.8	2439.3
55°	4024.0	3958.3	3880.7	3792.5	3695.5	3584.9	3449.6	3302.7	3151.1	2976.8	2815.4
52.5°	4645.8	4587.4	4498.2	4371.6	4257.8	4142.1	3983.2	3811.0	3639.6	3459.0	3232.2
50°	5381.0	5292.1	5170.3	5023.1	4903.7	4746.1	4569.0	4360.1	4181.7	3975.1	3725.2
47.5°	6119.8	6062.0	5918.4	5747.5	5636.9	5454.0	5235.9	5002.1	4805.1	4524.0	4251.7
45°	7054.7	6949.2	6788.2	6641.2	6468.2	6265.0	5986.7	5763.3	5500.0	5193.0	4798.6
42.5°	8149.9	7997.5	7788.7	7665.2	7457.4	7189.7	6880.1	6598.7	6270.3	5911.4	5458.2
40°	9477.5	9226.1	9014.1	8815.3	8578.4	8225.2	7882.1	7507.4	7114.8	6673.2	6083.3
37.5°	11002.4	10736.0	10423.1	10094.3	9788.6	9385.5	8926.2	8485.1	8013.1	7348.9	6676.4
35°	12590.1	12286.2	11899.9	11501.4	11026.2	10461.6	9987.6	9467.4	8822.9	7961.0	7225.0
32.5°	14157.9	13658.7	13240.4	12810.2	12098.7	11401.6	10891.5	10429.2	9334.8	8445.4	7707.0
30°	15291.5	14659.7	14235.7	13646.8	12753.9	12119.3	11634.3	10674.6	9656.0	8783.2	8082.4
27.5°	15539.4	15071.9	14641.4	13757.6	12988.7	12427.5	11669.5	10691.3	9764.9	8943.7	8265.2
25°	15063.1	14636.1	14112.5	13377.6	12735.7	12159.0	11363.2	10477.2	9645.9	8921.9	8160.3
22.5°	14158.6	13768.3	13291.6	12718.1	12173.8	11585.5	10884.1	10116.2	9401.1	8723.3	7986.2
20°	13294.3	12943.2	12501.2	12046.8	11578.8	11020.8	10355.0	9727.2	9145.3	8488.9	7776.9
17.5°	12615.0	12251.8	11904.9	11511.0	11031.5	10461.4	9982.4	9465.1	8890.1	8238.0	7538.0
15°	12048.6	11775.2	11444.6	11029.3	10589.4	10183.5	9728.0	9199.0	8626.1	7966.9	7315.1
12.5°	11702.9	11410.6	11049.5	10724.4	10358.0	9933.3	9464.0	8924.4	8376.6	7824.5	7240.0
10°	11426.3	11149.6	10852.0	10510.0	10123.1	9682.5	9243.4	8774.4	8264.4	7722.4	7144.0
7.5°	11249.1	10963.7	10646.5	10313.2	9941.9	9546.0	9115.4	8648.7	8133.7	7592.8	7025.7
5°	11077.0	10792.8	10488.1	10167.8	9788.4	9393.2	8966.9	8499.0	7981.9	7436.1	6884.0
2.5°	10880.1	10611.2	10317.3	9997.2	9611.5	9217.2	8796.8	8323.0	7813.5	7289.0	6722.9
0°	10658.6	10410.9	10094.5	9772.5	9409.2	9023.9	8602.9	8118.5	7620.4	7125.0	6536.1
-2.5°	10448.1	10184.4	9892.3	9572.6	9224.6	8825.8	8407.3	7938.8	7430.1	6929.4	6353.4
-5°	10191.0	9934.8	9641.4	9307.6	8956.8	8563.2	8147.3	7694.6	7194.3	6699.1	6148.9
-7.5°	9860.0	9613.9	9336.7	9004.4	8646.3	8253.1	7832.6	7380.3	6892.9	6403.1	5868.3
-10°	9462.5	9200.7	8918.9	8609.3	8273.9	7902.4	7486.5	7034.9	6565.9	6078.2	5563.9
-12.5°	8996.3	8747.4	8465.2	8162.5	7831.9	7468.5	7083.4	6652.5	6214.2	5724.1	5236.2
-15°	8500.2	8281.1	8003.2	7686.3	7348.4	7004.2	6638.6	6227.8	5822.8	5343.3	4885.5
-17.5°	8024.7	7783.7	7509.5	7217.0	6878.2	6516.2	6162.7	5786.1	5394.5	4957.7	4538.7
-20°	7491.3	7247.2	6993.1	6711.7	6388.8	6040.5	5680.4	5321.1	4953.2	4572.9	4192.1



REPORT NUMBER: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6889.2	6675.5	6435.2	6169.1	5853.2	5526.2	5196.1	4856.8	4508.7	4181.3	3839.7
-25°	6243.6	6049.9	5813.7	5562.1	5283.1	4987.8	4698.4	4397.0	4097.5	3790.5	3487.6
-27.5°	5545.8	5366.1	5161.5	4941.0	4694.2	4454.3	4198.5	3938.7	3696.7	3426.0	3161.6
-30°	4830.7	4690.8	4515.2	4307.9	4136.1	3936.1	3704.0	3519.1	3309.5	3077.6	2862.2
-32.5°	4142.4	4029.6	3885.3	3747.4	3603.8	3444.0	3285.3	3113.8	2930.9	2765.7	2589.4
-35°	3521.5	3427.5	3348.9	3245.6	3111.3	3005.2	2883.0	2742.2	2602.3	2469.6	2328.2
-37.5°	3010.5	2926.7	2868.1	2791.4	2697.8	2598.8	2518.6	2421.9	2307.2	2201.2	2086.5
-40°	2572.0	2502.4	2459.8	2413.6	2349.7	2257.3	2206.7	2134.6	2055.6	1953.8	1861.5
-42.5°	2220.9	2188.0	2139.4	2110.4	2060.1	1997.5	1932.3	1890.8	1827.6	1748.2	1672.7
-45°	1952.7	1931.6	1889.7	1860.7	1823.8	1774.1	1707.9	1676.7	1629.0	1573.8	1502.4
-47.5°	1737.8	1722.4	1691.4	1653.2	1624.8	1581.8	1535.5	1491.5	1463.7	1416.4	1357.8
-50°	1559.7	1544.9	1517.4	1479.4	1453.3	1420.6	1383.9	1340.4	1313.9	1273.6	1225.0
-52.5°	1406.2	1387.3	1362.9	1331.4	1306.1	1283.4	1250.7	1210.6	1175.8	1148.2	1112.5
-55°	1261.4	1245.3	1228.9	1206.4	1178.8	1156.7	1125.9	1091.2	1062.5	1038.6	1008.2
-57.5°	1139.3	1124.9	1107.1	1085.7	1060.6	1038.9	1015.8	988.9	959.3	937.0	908.6
-60°	1015.4	1000.0	987.2	971.0	951.4	931.5	912.7	889.7	862.5	840.4	815.6
-62.5°	899.9	887.5	876.7	863.8	848.0	830.4	813.5	794.3	771.7	748.8	728.1
-65°	791.2	782.4	773.1	761.9	748.8	733.8	719.3	703.1	685.0	664.6	645.2
-67.5°	686.2	678.5	670.6	662.2	653.1	642.7	631.1	617.2	602.0	585.5	569.2
-70°	586.2	578.9	572.6	567.6	562.2	555.2	546.0	535.2	522.9	509.8	495.3
-72.5°	492.6	487.5	483.5	480.7	476.2	470.5	463.8	456.2	447.3	437.1	423.6
-75°	406.1	403.6	400.7	398.6	395.1	390.1	384.6	379.0	371.9	363.2	352.2
-77.5°	326.9	325.0	322.6	320.6	317.3	312.6	307.2	303.0	298.1	291.5	283.0
-80°	253.0	252.1	250.5	248.9	246.6	243.5	239.8	235.6	230.0	223.6	217.3
-82.5°	186.7	185.3	183.7	182.3	180.2	177.5	174.2	171.0	167.4	163.2	158.7
-85°	119.4	119.0	118.2	117.0	115.7	114.3	112.8	111.4	109.7	107.6	105.1
-87.5°	53.0	52.8	52.4	53.7	54.8	55.7	56.4	55.7	54.8	53.8	52.5
-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: P559210 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-930-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°	40.0	38.9	37.7	36.3	35.5	34.4	33.0	31.4	28.7	25.9	23.0
85°	106.8	100.2	92.9	84.7	77.0	68.8	66.1	62.8	57.4	51.7	45.9
82.5°	199.2	189.6	179.6	168.3	156.0	142.9	129.1	114.4	96.4	79.1	68.8
80°	314.5	298.3	280.6	261.3	239.8	216.9	198.1	177.5	152.0	127.4	103.8
77.5°	445.7	418.3	388.8	363.5	337.3	308.9	278.4	244.0	207.0	175.2	144.6
75°	591.8	557.4	521.9	483.3	442.3	400.9	364.7	322.6	272.6	223.7	185.0
72.5°	773.6	720.3	665.3	608.7	559.6	509.0	457.0	400.0	341.2	283.7	227.8
70°	968.3	894.7	825.7	757.7	686.9	617.0	556.5	486.1	408.8	342.7	278.5
67.5°	1175.6	1095.2	1007.5	911.1	825.9	743.1	658.3	573.0	486.5	400.7	328.2
65°	1410.9	1309.4	1199.7	1093.9	981.1	870.5	775.6	663.0	562.5	467.8	376.7
62.5°	1669.7	1537.1	1417.9	1284.9	1152.8	1022.5	889.0	762.1	639.4	533.3	430.8
60°	1962.9	1817.5	1650.0	1501.2	1341.9	1182.1	1023.5	858.0	724.1	597.0	486.2
57.5°	2285.4	2114.5	1935.4	1738.5	1551.6	1362.5	1157.8	967.6	805.8	666.4	539.4
55°	2622.5	2430.5	2228.2	2011.6	1780.8	1562.5	1299.0	1079.8	888.4	734.9	588.9
52.5°	3000.1	2770.5	2537.0	2292.9	2038.8	1756.8	1455.7	1185.5	980.9	800.4	641.5
50°	3435.1	3148.0	2870.9	2590.3	2300.3	1961.1	1602.2	1311.9	1067.8	866.5	691.5
47.5°	3931.2	3582.8	3239.3	2902.6	2581.8	2150.8	1763.5	1432.5	1148.6	937.1	738.1
45°	4445.0	4061.1	3645.2	3255.6	2810.5	2342.9	1920.6	1543.6	1246.5	998.4	781.0
42.5°	4960.9	4545.4	4099.0	3611.8	3045.4	2524.8	2064.0	1668.4	1336.6	1054.8	826.0
40°	5533.7	5028.0	4551.5	3942.7	3258.9	2690.3	2211.6	1785.4	1417.7	1111.7	871.1
37.5°	6080.0	5520.9	4997.0	4195.3	3454.2	2859.7	2346.5	1890.2	1491.9	1173.1	912.1
35°	6590.0	5998.6	5221.5	4400.7	3648.1	3003.1	2465.9	1988.9	1570.6	1227.2	948.8
32.5°	7055.1	6304.8	5393.7	4560.9	3801.8	3120.2	2574.2	2076.9	1638.1	1274.0	981.3
30°	7372.2	6419.2	5511.9	4676.7	3916.4	3233.6	2662.4	2149.8	1694.1	1313.4	1011.5
27.5°	7388.9	6472.4	5575.1	4749.0	3995.2	3316.8	2729.4	2207.8	1738.9	1350.0	1042.8
25°	7331.0	6449.1	5584.4	4775.8	4037.0	3384.9	2780.8	2251.3	1780.1	1385.7	1068.4
22.5°	7195.5	6366.0	5542.2	4757.7	4082.8	3431.9	2823.4	2288.5	1813.3	1412.5	1088.3
20°	7024.4	6231.1	5471.5	4775.4	4105.9	3461.9	2855.3	2312.6	1834.9	1430.8	1102.7
17.5°	6814.8	6124.0	5459.6	4772.1	4105.9	3470.8	2869.7	2323.7	1845.1	1440.7	1111.7
15°	6718.4	6082.1	5423.8	4746.7	4083.3	3459.2	2867.1	2322.2	1844.4	1442.8	1118.0
12.5°	6640.9	6016.0	5365.7	4699.1	4038.9	3427.9	2848.2	2308.4	1833.3	1442.8	1122.6
10°	6542.8	5926.0	5285.3	4629.8	3973.6	3377.9	2813.5	2287.4	1827.8	1440.4	1122.9
7.5°	6423.4	5812.1	5182.7	4538.9	3895.0	3321.9	2778.1	2264.0	1816.2	1431.9	1119.0
5°	6284.7	5686.6	5072.5	4452.0	3835.1	3262.5	2731.3	2229.3	1796.9	1417.7	1111.2
2.5°	6134.8	5556.8	4949.2	4346.6	3759.7	3188.8	2671.8	2184.3	1770.2	1398.0	1099.5
0°	5960.9	5405.0	4805.0	4221.6	3668.5	3101.5	2600.7	2130.1	1736.5	1373.3	1084.3
-2.5°	5808.1	5238.2	4649.8	4085.9	3535.6	2997.0	2523.2	2075.6	1699.1	1349.0	1068.4
-5°	5630.5	5049.9	4476.3	3932.8	3388.7	2881.6	2436.3	2013.9	1655.8	1320.5	1049.3
-7.5°	5369.5	4819.6	4278.7	3760.8	3229.8	2757.0	2341.4	1946.0	1607.0	1288.0	1027.3
-10°	5075.5	4558.9	4054.7	3566.6	3075.4	2634.0	2241.2	1872.9	1553.6	1251.9	1002.7
-12.5°	4764.6	4284.3	3818.4	3362.9	2916.3	2512.8	2145.2	1801.0	1496.5	1212.5	975.6
-15°	4439.2	3998.0	3571.6	3152.2	2751.9	2385.4	2044.6	1727.7	1440.4	1172.2	946.3
-17.5°	4107.9	3702.3	3316.3	2936.8	2584.2	2253.1	1940.6	1650.6	1381.2	1131.9	917.1
-20°	3805.6	3426.2	3056.0	2718.9	2414.9	2116.8	1834.1	1570.4	1319.3	1089.4	887.4



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3504.1	3171.2	2837.0	2516.4	2248.9	1977.6	1726.1	1487.7	1255.3	1045.0	855.7
-25°	3204.0	2917.9	2623.3	2348.0	2088.1	1848.4	1621.9	1403.0	1189.8	999.1	822.0
-27.5°	2921.2	2670.9	2408.6	2179.4	1947.5	1721.2	1521.3	1322.7	1126.2	951.8	786.6
-30°	2651.3	2434.9	2216.0	2014.3	1808.5	1610.4	1420.6	1242.5	1068.2	906.2	749.5
-32.5°	2402.1	2202.1	2032.3	1861.1	1680.7	1500.5	1327.1	1162.8	1009.9	860.7	714.9
-35°	2170.5	2003.2	1853.9	1712.8	1557.3	1400.6	1241.7	1083.8	951.7	813.9	680.7
-37.5°	1949.9	1826.9	1699.0	1573.6	1434.6	1302.6	1161.1	1018.6	893.7	765.9	645.9
-40°	1768.6	1663.5	1556.7	1441.7	1325.7	1206.8	1080.3	956.9	837.3	716.8	610.4
-42.5°	1595.7	1514.2	1422.1	1313.7	1224.6	1118.3	1000.8	894.0	782.7	672.6	574.5
-45°	1442.0	1372.7	1294.3	1213.0	1127.7	1030.7	930.6	830.6	728.1	631.0	539.7
-47.5°	1297.1	1245.6	1181.8	1113.9	1035.1	946.4	859.7	770.2	673.4	589.5	506.4
-50°	1175.0	1130.6	1079.4	1017.8	944.4	869.3	790.0	710.0	627.5	548.5	472.4
-52.5°	1069.1	1026.7	980.8	924.1	861.6	792.0	725.8	651.0	580.7	508.7	437.8
-55°	969.6	928.1	886.1	837.5	781.4	723.3	662.3	598.6	533.1	469.2	403.2
-57.5°	875.6	835.2	799.1	755.5	708.5	657.8	602.7	545.6	487.6	428.9	372.4
-60°	785.3	752.4	716.7	681.0	640.0	593.9	544.7	493.3	442.4	389.3	341.2
-62.5°	702.3	672.6	643.1	610.6	572.9	531.4	486.9	443.3	396.6	353.6	309.6
-65°	624.3	599.8	571.8	541.1	506.7	470.4	432.8	393.0	355.4	317.5	277.8
-67.5°	549.9	527.2	500.1	471.7	444.4	413.9	378.9	347.0	315.0	281.0	246.4
-70°	477.2	455.1	432.5	410.9	386.3	358.4	330.6	302.7	274.4	246.1	214.8
-72.5°	407.1	389.8	371.6	352.0	330.8	307.8	283.1	258.9	236.3	211.0	182.9
-75°	339.0	325.7	311.6	295.7	277.1	257.2	238.1	218.4	198.3	175.8	154.8
-77.5°	273.5	263.2	252.0	240.5	226.2	211.0	194.9	178.0	161.6	145.3	127.8
-80°	211.7	205.1	197.6	188.7	177.1	164.7	153.0	141.1	128.5	115.0	100.7
-82.5°	154.4	149.8	144.6	138.4	130.5	122.3	113.9	105.2	95.3	84.7	74.3
-85°	102.1	98.5	94.3	89.6	84.8	79.8	75.0	69.7	63.2	56.4	49.6
-87.5°	50.7	48.7	46.5	44.2	42.2	39.9	37.5	34.9	31.6	28.2	24.8
-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°	19.9	16.8	13.6	10.3	7.0	3.4	0.0
85°	39.9	33.6	27.2	20.6	13.9	6.8	0.0
82.5°	59.7	50.4	40.8	30.9	20.8	10.2	0.0
80°	81.2	67.1	54.3	41.1	27.7	13.6	0.0
77.5°	115.4	87.4	67.6	51.3	34.5	17.0	0.0
75°	149.0	114.6	82.3	61.3	41.2	20.3	0.0
72.5°	182.2	141.4	103.1	71.3	47.9	23.6	0.0
70°	215.9	167.7	123.5	82.1	54.4	26.8	0.0
67.5°	257.2	193.5	143.5	96.6	60.9	30.0	0.0
65°	297.3	222.1	163.1	110.9	67.2	33.1	0.0
62.5°	336.1	253.3	182.1	124.7	73.3	36.1	0.0
60°	373.5	283.3	200.5	138.3	79.4	39.1	0.0
57.5°	415.8	312.2	222.7	151.4	87.9	42.0	0.0
55°	456.8	339.9	244.2	164.0	96.1	44.8	0.0
52.5°	495.7	367.1	264.8	176.2	104.2	47.6	0.0
50°	532.2	396.8	284.3	187.9	111.9	50.2	0.0
47.5°	567.1	424.8	302.8	199.7	119.3	52.8	0.0
45°	603.5	450.9	320.3	212.7	126.5	55.2	0.0
42.5°	637.1	475.1	336.6	224.9	133.3	57.5	0.0
40°	667.7	497.3	353.2	236.6	139.7	59.7	0.0
37.5°	695.3	517.5	369.7	247.6	145.8	61.8	0.0
35°	719.8	537.7	384.8	258.0	151.6	63.8	0.0
32.5°	743.5	556.6	398.5	267.6	157.0	65.6	0.0
30°	768.8	573.2	410.6	276.5	162.0	67.4	0.0
27.5°	790.8	587.5	422.2	284.6	166.6	68.9	0.0
25°	809.3	599.5	432.4	291.9	170.8	70.4	0.0
22.5°	824.4	610.0	441.2	298.5	174.6	71.7	0.0
20°	836.1	620.5	448.5	304.3	178.0	72.9	0.0
17.5°	846.7	629.1	454.4	309.3	181.0	73.9	0.0
15°	855.2	635.8	459.0	313.4	183.6	74.8	0.0
12.5°	860.5	640.8	462.2	316.8	185.7	75.6	0.0
10°	862.5	643.9	464.1	319.4	187.4	76.2	0.0
7.5°	861.6	645.2	464.8	321.2	188.7	76.6	0.0
5°	857.8	644.8	464.2	322.3	189.5	76.9	0.0
2.5°	851.2	642.5	462.5	322.5	189.9	77.1	0.0
0°	842.1	638.5	459.6	322.0	189.9	77.1	0.0
-2.5°	832.4	632.5	457.4	320.5	189.4	77.2	0.0
-5°	820.5	624.8	454.1	318.3	188.6	77.2	0.0
-7.5°	806.4	615.6	449.8	315.4	187.3	77.0	0.0
-10°	790.2	605.0	444.4	311.8	185.6	76.6	0.0
-12.5°	772.1	593.1	438.1	307.4	183.5	76.1	0.0
-15°	752.1	579.9	430.8	302.4	181.0	75.5	0.0
-17.5°	730.3	565.7	422.5	296.8	178.2	74.7	0.0
-20°	707.8	550.5	413.2	290.5	174.9	73.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	685.2	534.3	403.1	283.6	171.4	72.7	0.0
-25°	661.3	518.2	392.0	276.2	167.5	71.4	0.0
-27.5°	636.1	501.4	380.1	268.1	163.2	70.1	0.0
-30°	609.8	483.5	367.4	259.6	158.7	68.5	0.0
-32.5°	582.5	464.6	354.2	250.5	153.9	66.9	0.0
-35°	557.1	444.8	340.4	240.9	148.7	65.1	0.0
-37.5°	531.8	424.8	325.8	230.9	143.3	63.1	0.0
-40°	505.6	405.7	310.7	220.5	137.6	61.1	0.0
-42.5°	478.6	385.8	295.6	209.6	131.7	58.9	0.0
-45°	450.8	365.4	280.7	198.4	125.5	56.6	0.0
-47.5°	422.2	344.4	265.2	186.8	119.1	54.1	0.0
-50°	396.0	322.9	249.2	176.4	112.5	51.6	0.0
-52.5°	369.9	300.9	232.6	166.2	105.7	48.9	0.0
-55°	343.3	279.6	215.7	155.6	98.7	46.1	0.0
-57.5°	316.4	258.0	198.3	144.8	91.5	43.3	0.0
-60°	289.2	235.9	180.6	133.7	84.1	40.3	0.0
-62.5°	262.6	213.5	165.6	122.4	77.8	37.3	0.0
-65°	235.6	190.6	150.4	110.8	71.4	34.1	0.0
-67.5°	208.2	169.4	134.8	99.0	64.7	30.9	0.0
-70°	180.4	150.0	119.1	87.0	57.9	27.7	0.0
-72.5°	156.5	130.3	103.1	76.2	51.0	24.4	0.0
-75°	133.0	110.5	87.0	65.6	44.0	21.0	0.0
-77.5°	109.3	90.4	72.4	54.8	36.8	17.5	0.0
-80°	85.5	71.8	58.1	44.0	29.5	14.1	0.0
-82.5°	64.0	53.9	43.6	33.1	22.2	10.6	0.0
-85°	42.7	36.0	29.1	22.1	14.8	7.1	0.0
-87.5°	21.4	18.0	14.6	11.0	7.4	3.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)