

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: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-930-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559178 (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-SA6C-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**

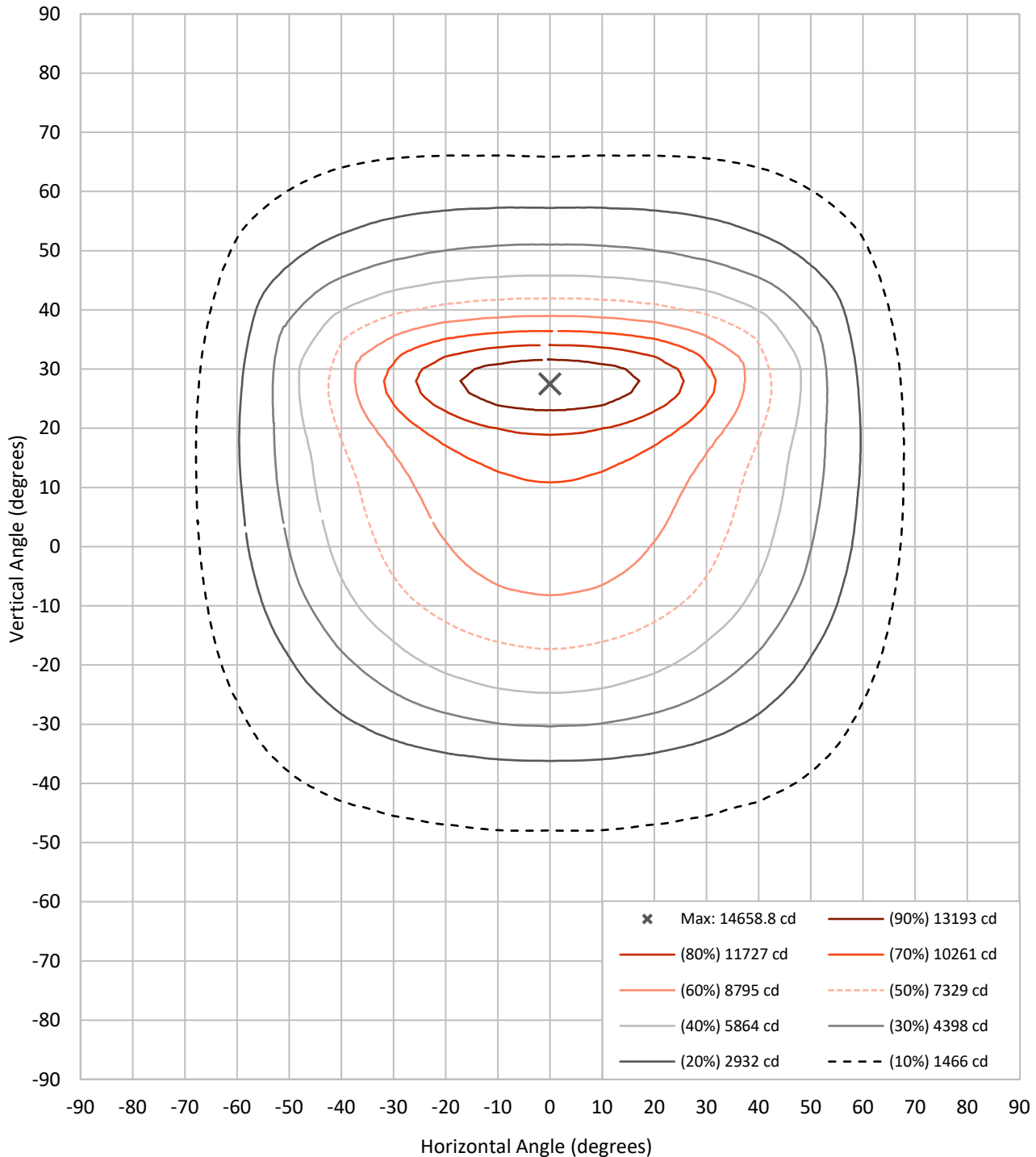
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21370 lumens	Max Intensity:	14658.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	88.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	11083.5 lumens	Field Lumens:	19769.1 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 241  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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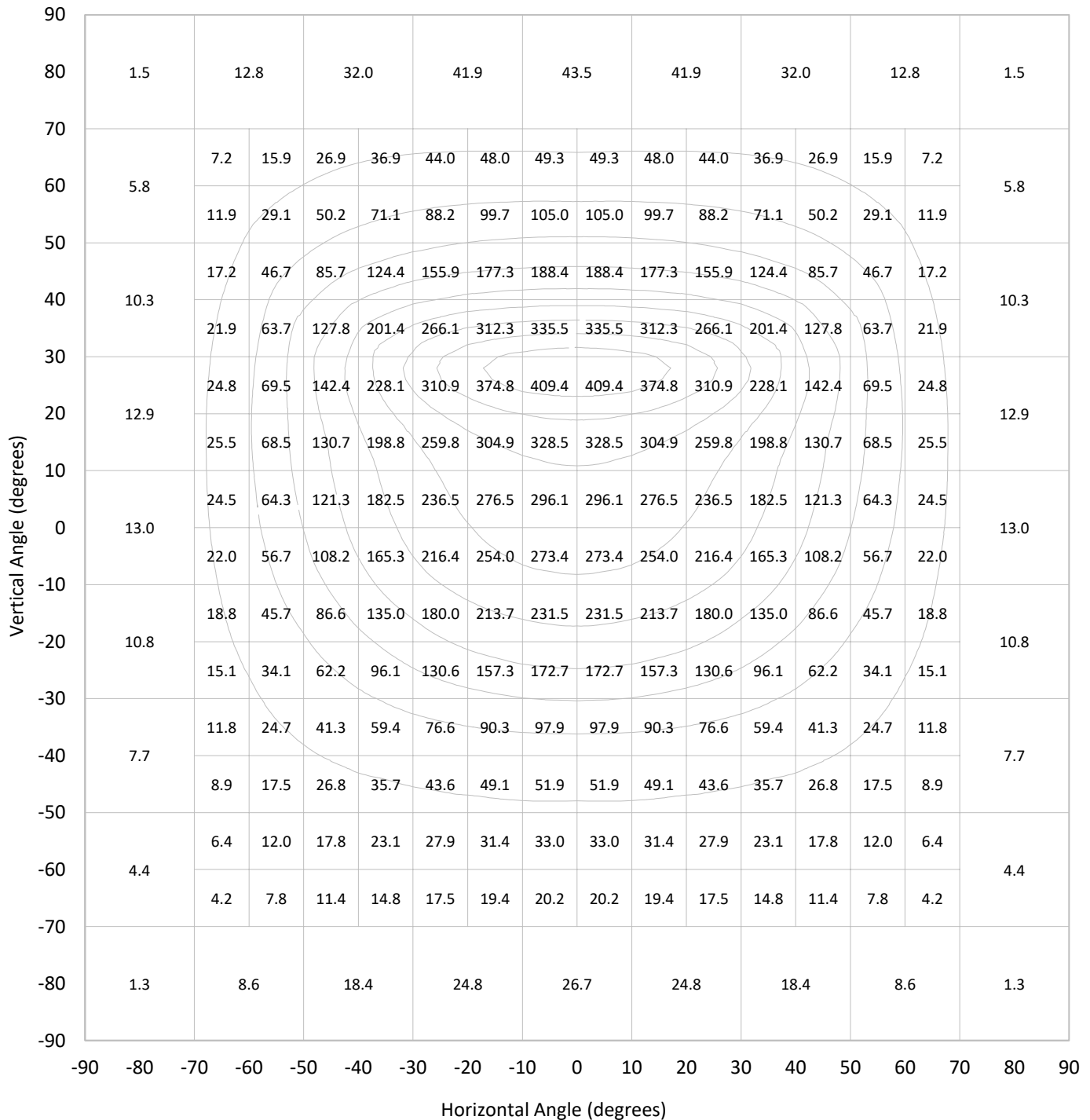
### Iso-Candela Plot





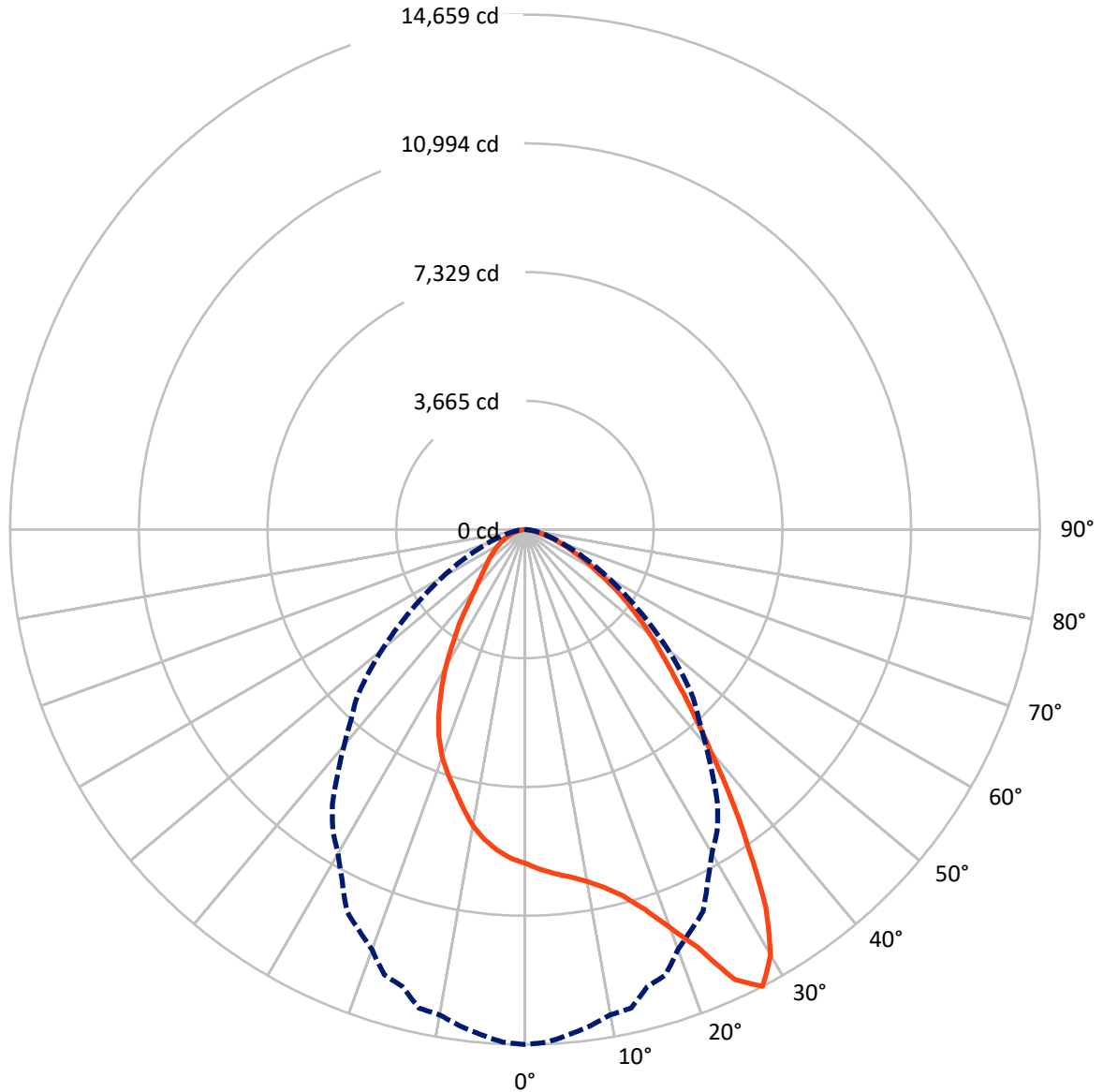
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### Lumen Table



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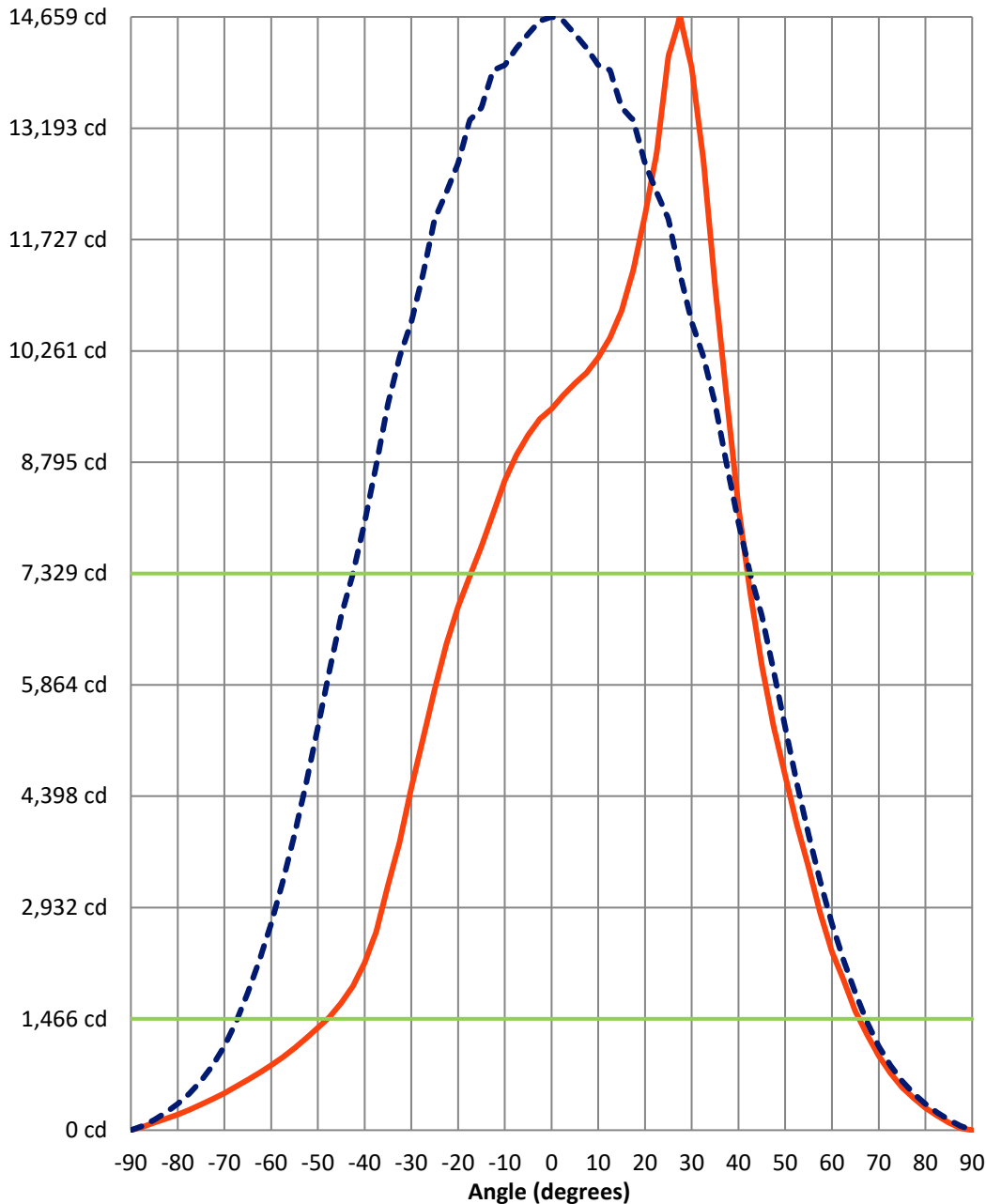
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 11083.5  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 19769.1  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1600.9  
 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	2.8	5.7	8.5	11.2	13.8	16.3	18.8	21.2	23.5	25.7
85°	0.0	5.6	11.4	16.9	22.3	27.5	32.6	37.6	42.4	47.0	51.4
82.5°	0.0	8.4	17.0	25.3	33.4	41.2	48.9	56.3	64.8	79.0	93.7
80°	0.0	11.2	22.7	33.7	44.4	54.9	66.5	85.0	104.4	124.5	145.4
77.5°	0.0	13.9	28.3	42.0	55.4	71.6	94.5	118.5	143.5	169.6	199.9
75°	0.0	16.6	33.8	50.2	67.4	93.9	122.1	151.5	183.3	223.3	264.3
72.5°	0.0	19.3	39.2	58.4	84.5	115.9	149.2	186.6	232.4	279.5	327.7
70°	0.0	21.9	44.6	67.2	101.2	137.4	176.9	228.2	280.7	334.9	398.3
67.5°	0.0	24.5	49.9	79.2	117.6	158.5	210.7	268.9	328.3	398.6	469.5
65°	0.0	27.1	55.0	90.8	133.6	182.0	243.6	308.7	383.3	460.9	543.2
62.5°	0.0	29.6	60.1	102.2	149.2	207.5	275.4	353.0	437.0	524.0	624.5
60°	0.0	32.0	65.0	113.3	164.3	232.1	306.0	398.4	489.2	593.3	703.0
57.5°	0.0	34.4	72.0	124.0	182.5	255.8	340.7	442.0	546.0	660.2	792.8
55°	0.0	36.7	78.8	134.4	200.1	278.5	374.3	482.6	602.1	727.9	884.7
52.5°	0.0	39.0	85.3	144.4	216.9	300.8	406.2	525.7	655.8	803.7	971.4
50°	0.0	41.1	91.7	153.9	233.0	325.2	436.1	566.6	709.9	874.9	1074.9
47.5°	0.0	43.2	97.8	163.6	248.2	348.1	464.7	604.7	767.8	941.2	1173.7
45°	0.0	45.2	103.6	174.2	262.5	369.5	494.5	639.9	818.1	1021.3	1264.7
42.5°	0.0	47.1	109.2	184.3	275.8	389.3	522.0	676.8	864.3	1095.2	1367.0
40°	0.0	48.9	114.5	193.9	289.4	407.5	547.1	713.7	910.9	1161.6	1462.9
37.5°	0.0	50.6	119.5	202.9	303.0	424.0	569.7	747.3	961.2	1222.3	1548.7
35°	0.0	52.2	124.2	211.4	315.3	440.6	589.8	777.4	1005.5	1286.9	1629.6
32.5°	0.0	53.7	128.6	219.3	326.5	456.0	609.2	804.0	1043.9	1342.1	1701.7
30°	0.0	55.1	132.7	226.6	336.5	469.6	629.9	828.8	1076.1	1388.1	1761.4
27.5°	0.0	56.4	136.5	233.2	345.9	481.4	647.9	854.4	1106.2	1424.7	1809.0
25°	0.0	57.6	140.0	239.2	354.3	491.2	663.1	875.4	1135.4	1458.5	1844.6
22.5°	0.0	58.7	143.1	244.6	361.5	499.8	675.4	891.7	1157.3	1485.7	1875.1
20°	0.0	59.7	145.9	249.3	367.5	508.4	685.0	903.5	1172.3	1503.4	1894.8
17.5°	0.0	60.5	148.3	253.4	372.3	515.4	693.7	910.9	1180.4	1511.7	1903.9
15°	0.0	61.2	150.4	256.8	376.1	520.9	700.7	916.0	1182.1	1511.2	1902.6
12.5°	0.0	61.8	152.2	259.6	378.7	525.0	705.0	919.8	1182.1	1502.1	1891.3
10°	0.0	62.3	153.6	261.7	380.3	527.6	706.7	920.1	1180.2	1497.6	1874.1
7.5°	0.0	62.7	154.6	263.2	380.8	528.6	705.9	916.9	1173.2	1488.1	1855.0
5°	0.0	63.0	155.3	264.0	380.4	528.2	702.8	910.4	1161.5	1472.3	1826.5
2.5°	0.0	63.1	155.6	264.2	378.9	526.4	697.5	900.9	1145.4	1450.4	1789.7
0°	0.0	63.1	155.6	263.8	376.6	523.1	690.0	888.4	1125.2	1422.8	1745.3
-2.5°	0.0	63.2	155.2	262.6	374.8	518.2	682.1	875.3	1105.3	1392.2	1700.6
-5°	0.0	63.2	154.5	260.8	372.1	511.9	672.3	859.7	1081.9	1356.6	1650.1
-7.5°	0.0	63.0	153.4	258.4	368.6	504.4	660.7	841.7	1055.3	1316.7	1594.4
-10°	0.0	62.7	152.1	255.4	364.2	495.7	647.5	821.6	1025.7	1272.9	1534.5
-12.5°	0.0	62.3	150.3	251.9	359.0	485.9	632.6	799.4	993.5	1226.2	1475.6
-15°	0.0	61.8	148.3	247.8	353.0	475.2	616.2	775.4	960.5	1180.2	1415.5
-17.5°	0.0	61.2	146.0	243.1	346.2	463.5	598.4	751.4	927.4	1131.6	1352.4
-20°	0.0	60.4	143.3	238.0	338.6	451.0	579.9	727.1	892.6	1081.0	1286.7



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	59.5	140.4	232.4	330.3	437.8	561.4	701.1	856.2	1028.6	1218.9
-25°	0.0	58.5	137.2	226.3	321.2	424.6	541.8	673.5	818.6	974.8	1149.5
-27.5°	0.0	57.4	133.8	219.7	311.4	410.8	521.2	644.5	779.9	922.7	1083.7
-30°	0.0	56.1	130.0	212.7	301.0	396.2	499.7	614.1	742.5	875.2	1018.1
-32.5°	0.0	54.8	126.1	205.3	290.2	380.7	477.3	585.7	705.2	827.5	952.7
-35°	0.0	53.3	121.8	197.4	278.9	364.5	456.4	557.8	666.8	779.8	888.0
-37.5°	0.0	51.7	117.4	189.2	267.0	348.1	435.8	529.2	627.5	732.3	834.6
-40°	0.0	50.0	112.8	180.6	254.6	332.4	414.3	500.2	587.3	686.0	784.0
-42.5°	0.0	48.2	107.9	171.8	242.2	316.2	392.2	470.8	551.1	641.3	732.5
-45°	0.0	46.3	102.8	162.6	230.0	299.4	369.4	442.2	517.1	596.5	680.6
-47.5°	0.0	44.3	97.6	153.1	217.3	282.2	346.0	415.0	483.0	551.8	631.1
-50°	0.0	42.2	92.2	144.5	204.1	264.6	324.5	387.1	449.4	514.1	581.8
-52.5°	0.0	40.0	86.6	136.1	190.6	246.5	303.1	358.8	416.9	475.8	533.4
-55°	0.0	37.8	80.8	127.5	176.7	229.1	281.3	330.4	384.5	436.8	490.5
-57.5°	0.0	35.4	74.9	118.6	162.4	211.4	259.3	305.2	351.5	399.6	447.1
-60°	0.0	33.0	68.9	109.6	148.0	193.3	237.0	279.6	319.0	362.5	404.2
-62.5°	0.0	30.5	63.8	100.3	135.7	174.9	215.2	253.7	289.8	325.0	363.3
-65°	0.0	28.0	58.5	90.8	123.2	156.2	193.0	227.6	260.2	291.2	322.0
-67.5°	0.0	25.3	53.0	81.1	110.5	138.8	170.6	201.9	230.3	258.1	284.3
-70°	0.0	22.7	47.5	71.3	97.6	122.9	147.8	176.0	201.6	224.8	248.0
-72.5°	0.0	19.9	41.8	62.4	84.5	106.8	128.2	149.9	172.9	193.6	212.2
-75°	0.0	17.2	36.0	53.7	71.2	90.5	109.0	126.8	144.0	162.5	179.0
-77.5°	0.0	14.4	30.2	44.9	59.3	74.0	89.5	104.7	119.0	132.4	145.8
-80°	0.0	11.5	24.2	36.0	47.5	58.8	70.0	82.4	94.2	105.2	115.5
-82.5°	0.0	8.7	18.2	27.1	35.7	44.2	52.4	60.8	69.3	78.0	86.1
-85°	0.0	5.8	12.2	18.1	23.9	29.5	35.0	40.6	46.2	51.7	57.1
-87.5°	0.0	2.9	6.1	9.0	11.9	14.8	17.5	20.3	23.1	25.9	28.6
-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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 CATALOG NUMBER: GFLD-SA6C-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°	27.1	28.2	29.1	29.8	30.9	31.9	32.8	33.5	34.1	34.6	34.9
85°	54.2	56.4	63.1	69.5	76.1	82.1	87.5	92.2	96.0	99.1	101.5
82.5°	105.8	117.1	127.8	137.9	147.1	155.3	163.2	172.3	179.6	185.7	190.7
80°	162.3	177.7	196.5	214.1	229.9	244.4	257.6	269.5	278.8	288.1	297.2
77.5°	228.1	253.1	276.3	297.8	318.5	342.7	365.1	385.7	401.5	413.5	422.6
75°	298.8	328.5	362.4	396.0	427.6	456.7	484.9	519.2	547.2	568.2	585.1
72.5°	374.4	417.0	458.5	498.8	545.1	590.1	633.8	676.1	713.2	740.4	762.5
70°	456.0	505.6	562.8	620.8	676.5	733.1	793.4	848.2	893.7	925.8	956.3
67.5°	539.4	608.9	676.7	746.5	825.5	897.3	963.2	1032.6	1093.8	1134.1	1169.3
65°	635.5	713.3	803.9	896.3	983.0	1072.8	1156.1	1231.3	1308.6	1364.7	1410.8
62.5°	728.4	837.8	944.6	1052.7	1161.7	1259.5	1368.1	1465.0	1542.6	1623.0	1691.8
60°	838.7	968.6	1099.5	1230.0	1352.0	1489.2	1608.3	1720.9	1824.8	1914.3	1998.9
57.5°	948.6	1116.3	1271.3	1424.4	1585.7	1732.5	1872.5	1998.7	2122.8	2226.4	2328.0
55°	1064.3	1280.2	1459.1	1648.2	1825.6	1991.4	2148.8	2306.8	2439.0	2581.8	2706.0
52.5°	1192.7	1439.4	1670.5	1878.7	2078.7	2270.0	2458.1	2648.3	2834.0	2982.1	3122.5
50°	1312.7	1606.8	1884.8	2122.3	2352.2	2579.3	2814.5	3052.2	3256.9	3426.3	3572.4
47.5°	1444.9	1762.3	2115.4	2378.2	2654.1	2935.5	3221.0	3483.6	3706.7	3937.0	4098.4
45°	1573.6	1919.6	2302.8	2667.4	2986.7	3327.5	3642.0	3931.6	4254.9	4506.4	4722.1
42.5°	1691.1	2068.7	2495.2	2959.3	3358.5	3724.2	4064.6	4472.1	4843.4	5137.5	5406.6
40°	1812.1	2204.3	2670.1	3230.4	3729.3	4119.7	4534.0	4984.3	5467.6	5829.5	6151.2
37.5°	1922.6	2343.1	2830.2	3437.4	4094.3	4523.5	4981.6	5470.2	6021.2	6565.5	6952.1
35°	2020.4	2460.6	2989.0	3605.7	4278.2	4914.9	5399.4	5919.7	6522.8	7228.9	7757.0
32.5°	2109.2	2556.5	3115.0	3737.0	4419.3	5165.8	5780.5	6314.7	6919.7	7648.3	8545.1
30°	2181.4	2649.4	3208.9	3831.8	4516.1	5259.5	6040.3	6622.3	7196.4	7911.6	8746.2
27.5°	2236.3	2717.6	3273.5	3891.0	4567.9	5303.1	6054.0	6772.0	7327.9	8000.8	8759.8
25°	2278.4	2773.4	3307.7	3913.0	4575.5	5283.9	6006.6	6686.1	7310.1	7903.3	8584.4
22.5°	2313.3	2811.9	3345.2	3898.2	4541.0	5215.9	5895.6	6543.4	7147.4	7702.7	8288.6
20°	2339.5	2836.5	3364.2	3912.7	4483.0	5105.4	5755.4	6372.0	6955.3	7493.1	7969.9
17.5°	2351.3	2843.8	3364.2	3910.0	4473.3	5017.7	5583.6	6176.3	6749.7	7284.0	7755.2
15°	2349.2	2834.3	3345.6	3889.1	4444.0	4983.3	5504.6	5993.6	6527.6	7067.8	7537.1
12.5°	2333.6	2808.6	3309.2	3850.2	4396.4	4929.2	5441.2	5932.1	6410.9	6863.3	7312.1
10°	2305.3	2767.6	3255.7	3793.4	4330.5	4855.4	5360.8	5853.4	6327.2	6771.3	7189.2
7.5°	2276.2	2721.8	3191.4	3719.0	4246.4	4762.2	5263.0	5756.4	6221.1	6664.3	7086.2
5°	2237.8	2673.1	3142.3	3647.7	4156.1	4659.3	5149.4	5640.3	6092.7	6539.9	6963.6
2.5°	2189.1	2612.7	3080.4	3561.4	4055.1	4552.9	5026.5	5508.4	5972.2	6402.0	6819.4
0°	2130.8	2541.2	3005.7	3458.9	3937.0	4428.5	4884.0	5355.3	5837.8	6243.7	6651.8
-2.5°	2067.3	2455.5	2896.8	3347.7	3809.8	4291.8	4758.8	5205.7	5677.5	6087.8	6504.6
-5°	1996.2	2361.0	2776.5	3222.3	3667.6	4137.5	4613.3	5038.1	5488.9	5894.6	6304.5
-7.5°	1918.4	2258.9	2646.4	3081.4	3505.7	3948.9	4399.4	4808.2	5246.4	5647.7	6047.0
-10°	1836.3	2158.2	2519.8	2922.3	3322.2	3735.3	4158.5	4558.8	4980.1	5379.7	5764.0
-12.5°	1757.7	2058.8	2389.5	2755.4	3128.6	3510.3	3903.9	4290.3	4690.0	5091.5	5450.7
-15°	1675.3	1954.5	2254.8	2582.7	2926.4	3275.8	3637.2	4002.9	4378.1	4770.9	5102.7
-17.5°	1590.0	1846.0	2117.3	2406.3	2717.1	3033.5	3365.8	3718.7	4062.1	4419.9	4740.8
-20°	1502.7	1734.4	1978.7	2227.8	2503.9	2807.2	3118.1	3434.8	3746.8	4058.4	4359.8



REPORT NUMBER: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	1414.3	1620.4	1842.7	2061.8	2324.5	2598.3	2871.1	3146.0	3425.9	3694.2	3979.4
-25°	1328.8	1514.5	1710.9	1923.9	2149.4	2390.8	2625.2	2857.5	3105.7	3357.2	3602.7
-27.5°	1246.5	1410.3	1595.7	1785.7	1973.5	2188.3	2393.5	2590.4	2807.0	3028.9	3227.2
-30°	1163.9	1319.5	1481.8	1650.4	1815.7	1995.1	2172.4	2345.1	2521.6	2711.6	2883.4
-32.5°	1087.3	1229.4	1377.1	1524.8	1665.1	1804.3	1968.2	2121.6	2266.0	2401.4	2551.3
-35°	1017.4	1147.6	1276.0	1403.4	1518.9	1641.3	1778.4	1907.7	2023.5	2132.2	2246.8
-37.5°	951.4	1067.3	1175.5	1289.3	1392.0	1496.8	1597.7	1709.6	1803.5	1890.3	1984.4
-40°	885.2	988.8	1086.2	1181.3	1275.5	1363.0	1449.1	1525.2	1600.8	1684.3	1748.9
-42.5°	820.0	916.3	1003.4	1076.4	1165.2	1240.6	1307.5	1370.6	1432.4	1497.5	1549.3
-45°	762.5	844.5	924.0	993.9	1060.5	1124.7	1181.5	1231.0	1289.5	1334.7	1373.9
-47.5°	704.4	775.5	848.2	912.7	968.3	1020.5	1062.7	1112.5	1160.5	1199.3	1222.1
-50°	647.3	712.3	773.9	834.0	884.4	926.4	962.7	1003.6	1043.6	1076.5	1098.2
-52.5°	594.7	648.9	706.0	757.2	803.7	841.2	875.9	911.5	940.8	963.4	991.9
-55°	542.7	592.7	640.3	686.3	726.0	760.4	794.4	826.0	851.0	870.6	894.1
-57.5°	493.9	539.0	580.5	619.0	654.7	684.3	717.4	744.5	767.7	786.0	810.3
-60°	446.3	486.6	524.4	558.0	587.3	616.5	643.4	668.3	688.6	706.7	729.0
-62.5°	399.0	435.4	469.5	500.3	526.9	551.1	575.4	596.6	613.6	632.3	650.8
-65°	354.6	385.4	415.2	443.3	468.5	491.4	511.5	528.6	544.5	561.2	576.1
-67.5°	310.4	339.1	364.1	386.5	409.7	432.0	450.5	466.3	479.7	493.2	505.7
-70°	270.9	293.6	316.5	336.6	354.4	373.0	391.0	405.9	417.7	428.4	438.5
-72.5°	232.0	252.2	271.0	288.4	304.5	319.4	333.6	347.1	358.2	366.5	373.8
-75°	195.1	210.7	227.0	242.2	255.2	266.8	277.7	288.5	297.6	304.7	310.6
-77.5°	159.6	172.9	185.3	197.0	206.4	215.6	224.1	231.9	238.8	244.3	248.2
-80°	125.3	134.9	145.0	154.6	161.9	168.1	173.4	178.0	183.2	188.4	193.0
-82.5°	93.3	100.2	106.9	113.4	118.5	122.8	126.5	130.1	133.8	137.1	140.1
-85°	61.4	65.3	69.4	73.4	77.2	80.7	83.6	86.1	88.2	89.9	91.3
-87.5°	30.7	32.7	34.5	36.2	38.1	39.8	41.5	43.1	44.1	44.9	45.6
-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: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-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°	35.1	35.2	35.1	35.0	34.7	33.3	31.8	30.1	28.3	29.2	30.0
85°	103.3	103.7	103.4	102.4	100.8	100.6	100.3	99.6	98.7	100.2	101.5
82.5°	194.5	196.0	196.2	195.3	193.3	194.1	194.5	194.1	192.9	194.3	195.2
80°	304.1	306.9	307.1	305.0	300.9	301.4	301.7	300.9	298.9	299.4	299.2
77.5°	433.1	439.8	442.2	441.2	437.1	435.8	432.9	426.9	418.3	418.1	418.3
75°	597.8	604.7	608.2	608.0	604.0	601.3	597.6	590.8	581.1	580.7	580.8
72.5°	779.5	789.5	794.0	798.1	798.1	796.6	791.7	781.6	766.7	764.9	766.7
70°	980.2	997.1	1007.8	1016.0	1022.5	1023.9	1020.7	1012.6	999.5	996.0	995.0
67.5°	1203.7	1230.7	1251.2	1264.8	1277.6	1286.9	1290.3	1286.7	1276.1	1272.6	1274.0
65°	1454.3	1495.9	1530.3	1556.1	1573.4	1585.6	1596.3	1602.6	1604.2	1607.9	1612.9
62.5°	1746.9	1798.1	1845.9	1878.6	1895.3	1907.2	1941.5	1961.3	1967.0	1968.3	1975.9
60°	2073.7	2138.4	2198.1	2246.0	2284.8	2314.1	2343.4	2362.7	2370.0	2371.4	2381.9
57.5°	2431.1	2512.2	2582.1	2656.5	2708.3	2738.2	2777.4	2817.6	2838.6	2844.7	2869.4
55°	2826.4	2937.2	3027.9	3107.3	3179.6	3243.2	3297.0	3338.5	3369.2	3387.7	3420.5
52.5°	3263.6	3393.8	3488.6	3581.8	3685.5	3758.6	3806.5	3883.3	3938.8	3969.4	4008.5
50°	3743.6	3888.7	4017.8	4115.6	4236.2	4336.1	4408.9	4481.6	4532.4	4561.6	4599.4
47.5°	4289.9	4468.7	4618.5	4709.2	4849.2	4966.8	5014.3	5069.2	5165.0	5211.1	5251.6
45°	4905.2	5133.2	5299.7	5441.5	5561.8	5693.7	5780.2	5842.6	5937.0	5984.4	6014.3
42.5°	5637.2	5890.8	6110.1	6280.4	6381.6	6552.7	6677.6	6712.7	6846.4	6937.2	6963.9
40°	6458.1	6739.2	7028.6	7222.6	7385.6	7559.4	7765.3	7880.0	7993.1	8082.0	8102.2
37.5°	7313.6	7689.9	8020.2	8270.7	8540.1	8796.4	9014.7	9133.7	9208.0	9378.1	9441.6
35°	8183.3	8571.6	9034.2	9423.6	9750.0	10066.5	10315.6	10511.6	10698.3	10851.5	10943.2
32.5°	8923.9	9341.8	9913.0	10495.9	10848.4	11191.1	11600.1	11824.4	12073.5	12275.4	12422.8
30°	9532.5	9929.8	10449.8	11181.4	11663.9	12011.3	12528.9	12839.1	13110.4	13452.5	13571.6
27.5°	9561.3	10182.3	10642.2	11272.2	11996.4	12349.0	12732.1	13295.9	13466.9	13954.7	14025.0
25°	9310.3	9962.4	10435.0	10960.9	11563.0	11991.9	12341.8	12810.6	13056.1	13369.8	13610.7
22.5°	8917.8	9492.5	9974.6	10420.5	10890.3	11280.9	11600.7	11930.3	12199.6	12443.0	12669.1
20°	8484.3	9029.8	9487.0	9870.5	10242.8	10604.8	10892.5	11169.3	11402.3	11611.2	11739.9
17.5°	8179.0	8571.5	9038.6	9431.4	9754.2	10038.4	10335.9	10567.6	10772.0	10960.0	11077.6
15°	7970.6	8343.8	8676.3	9036.8	9377.0	9647.9	9871.9	10111.0	10287.6	10449.5	10576.9
12.5°	7754.2	8138.8	8486.8	8786.9	9053.3	9349.2	9588.6	9776.6	9962.0	10089.1	10220.0
10°	7573.5	7933.3	8294.2	8611.2	8891.5	9135.3	9362.0	9572.9	9739.2	9881.8	9984.9
7.5°	7468.6	7821.4	8145.8	8450.0	8723.2	8983.0	9216.8	9410.2	9575.0	9722.5	9830.5
5°	7347.0	7696.2	8020.0	8330.9	8593.3	8842.9	9075.8	9274.7	9445.3	9576.7	9680.1
2.5°	7207.5	7552.0	7875.1	8191.1	8453.4	8694.1	8914.6	9108.6	9286.2	9411.5	9499.5
0°	7048.7	7393.7	7709.3	8007.0	8270.8	8530.1	8733.1	8929.2	9102.8	9226.9	9314.8
-2.5°	6888.4	7231.3	7558.1	7843.2	8105.2	8344.5	8560.5	8745.8	8911.6	9035.1	9112.3
-5°	6675.4	7016.2	7338.7	7626.1	7899.6	8140.0	8350.0	8538.4	8698.1	8832.7	8937.4
-7.5°	6417.5	6762.1	7084.3	7377.7	7649.9	7877.1	8078.7	8268.5	8439.1	8586.1	8715.0
-10°	6133.9	6474.7	6779.1	7054.0	7307.6	7538.5	7753.0	7940.6	8096.9	8240.9	8349.4
-12.5°	5803.7	6119.2	6417.0	6687.9	6935.8	7167.1	7371.1	7549.7	7707.0	7834.8	7932.5
-15°	5439.3	5738.8	6020.8	6297.7	6557.3	6785.1	6964.5	7152.8	7289.1	7413.0	7501.0
-17.5°	5049.4	5338.9	5635.6	5913.2	6152.9	6377.5	6575.0	6747.0	6890.1	7003.7	7103.0
-20°	4654.2	4949.2	5234.6	5499.2	5729.7	5938.0	6138.0	6303.2	6449.9	6573.4	6689.9



REPORT NUMBER: P559178 (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°	4257.4	4527.9	4795.8	5054.6	5272.7	5469.6	5644.6	5802.7	5932.1	6077.9	6180.7
-25°	3849.6	4086.8	4328.7	4557.3	4763.4	4957.0	5115.6	5254.2	5389.1	5529.8	5630.1
-27.5°	3440.0	3649.6	3846.2	4048.4	4229.0	4396.7	4543.9	4665.3	4796.2	4890.1	5000.4
-30°	3034.8	3225.0	3388.9	3529.7	3699.5	3843.3	3958.0	4078.5	4186.7	4276.4	4369.3
-32.5°	2691.8	2821.8	2952.7	3070.4	3183.4	3301.6	3394.0	3499.2	3573.3	3650.7	3725.7
-35°	2362.1	2462.3	2549.2	2659.2	2743.9	2808.3	2885.4	2962.5	2992.2	3076.2	3121.0
-37.5°	2063.6	2129.3	2210.4	2287.1	2349.9	2398.0	2466.6	2507.0	2528.3	2582.7	2611.8
-40°	1808.0	1849.5	1925.2	1977.6	2015.4	2050.3	2107.3	2133.6	2162.7	2189.7	2190.5
-42.5°	1583.2	1636.6	1688.0	1729.1	1753.0	1792.8	1819.6	1822.6	1860.2	1884.2	1888.0
-45°	1399.4	1453.6	1494.3	1524.6	1548.4	1582.6	1599.9	1609.6	1640.2	1656.6	1663.7
-47.5°	1258.1	1296.1	1331.3	1354.6	1385.9	1411.2	1423.9	1440.0	1463.6	1478.6	1489.3
-50°	1133.9	1164.0	1190.8	1212.1	1243.3	1265.9	1278.0	1297.8	1315.4	1326.3	1334.7
-52.5°	1024.7	1051.5	1070.1	1090.8	1116.7	1136.7	1152.2	1171.8	1186.5	1196.0	1203.5
-55°	922.5	947.7	965.8	988.4	1006.9	1020.3	1033.5	1052.7	1067.1	1076.8	1083.2
-57.5°	832.3	851.2	869.0	889.6	907.1	921.7	933.4	944.1	953.5	961.5	967.7
-60°	747.8	763.2	779.5	795.6	808.9	819.4	832.0	841.6	847.7	851.5	856.6
-62.5°	666.6	680.5	694.8	707.8	718.3	727.1	737.4	745.3	751.0	755.0	758.0
-65°	589.3	601.3	613.5	624.3	633.4	641.1	648.2	653.8	657.8	661.2	663.8
-67.5°	517.1	526.5	535.1	542.5	549.4	555.9	562.2	566.5	568.8	571.5	574.3
-70°	447.4	454.9	460.6	465.0	469.1	474.2	480.3	484.5	487.0	489.6	492.2
-72.5°	380.0	385.5	390.1	393.8	396.1	399.4	403.6	407.0	409.6	411.6	412.6
-75°	315.1	319.6	323.7	326.6	328.3	330.6	332.7	333.9	334.0	335.0	335.6
-77.5°	251.7	256.1	259.9	262.7	264.3	266.3	267.8	268.7	268.8	268.9	268.4
-80°	196.4	199.5	202.0	203.9	205.2	206.5	207.3	207.5	207.0	207.4	207.6
-82.5°	142.7	145.4	147.6	149.3	150.5	151.9	152.9	153.7	154.2	154.3	154.1
-85°	92.4	93.6	94.8	95.9	96.8	97.5	97.8	97.9	97.7	97.8	97.6
-87.5°	46.2	45.7	45.0	44.1	43.0	43.3	43.5	43.6	43.6	44.0	44.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	30.8	31.5	29.3	27.1	29.3	31.5	30.8	30.0	29.2	28.3	30.1
85°	102.5	103.1	101.3	99.2	101.3	103.1	102.5	101.5	100.2	98.7	99.6
82.5°	195.5	195.2	193.7	191.7	193.7	195.2	195.5	195.2	194.3	192.9	194.1
80°	298.1	296.2	295.0	293.1	295.0	296.2	298.1	299.2	299.4	298.9	300.9
77.5°	417.3	415.0	418.7	421.7	418.7	415.0	417.3	418.3	418.1	418.3	426.9
75°	578.5	574.1	569.8	563.7	569.8	574.1	578.5	580.8	580.7	581.1	590.8
72.5°	765.9	762.4	758.9	753.1	758.9	762.4	765.9	766.7	764.9	766.7	781.6
70°	989.0	978.6	980.3	980.9	980.3	978.6	989.0	995.0	996.0	999.5	1012.6
67.5°	1269.9	1260.3	1261.6	1260.5	1261.6	1260.3	1269.9	1274.0	1272.6	1276.1	1286.7
65°	1609.9	1599.1	1586.2	1567.1	1586.2	1599.1	1609.9	1612.9	1607.9	1604.2	1602.6
62.5°	1974.9	1965.5	1970.9	1975.3	1970.9	1965.5	1974.9	1975.9	1968.3	1967.0	1961.3
60°	2380.2	2366.9	2360.3	2349.6	2360.3	2366.9	2380.2	2381.9	2371.4	2370.0	2362.7
57.5°	2880.8	2878.3	2872.5	2856.9	2872.5	2878.3	2880.8	2869.4	2844.7	2838.6	2817.6
55°	3435.9	3432.7	3445.5	3461.2	3445.5	3432.7	3435.9	3420.5	3387.7	3369.2	3338.5
52.5°	4037.4	4047.5	4043.9	4022.7	4043.9	4047.5	4037.4	4008.5	3969.4	3938.8	3883.3
50°	4632.8	4644.1	4656.3	4667.5	4656.3	4644.1	4632.8	4599.4	4561.6	4532.4	4481.6
47.5°	5307.5	5337.6	5342.8	5321.5	5342.8	5337.6	5307.5	5251.6	5211.1	5165.0	5069.2
45°	6074.2	6092.3	6101.5	6119.7	6101.5	6092.3	6074.2	6014.3	5984.4	5937.0	5842.6
42.5°	7040.8	7061.7	7065.0	7084.8	7065.0	7061.7	7040.8	6963.9	6937.2	6846.4	6712.7
40°	8188.1	8222.0	8216.2	8207.7	8216.2	8222.0	8188.1	8102.2	8082.0	7993.1	7880.0
37.5°	9531.0	9588.8	9594.8	9630.5	9594.8	9588.8	9531.0	9441.6	9378.1	9208.0	9133.7
35°	11038.2	11106.2	11094.4	11111.9	11094.4	11106.2	11038.2	10943.2	10851.5	10698.3	10511.6
32.5°	12558.6	12660.6	12681.1	12767.0	12681.1	12660.6	12558.6	12422.8	12275.4	12073.5	11824.4
30°	13753.1	13896.0	13989.3	13982.4	13989.3	13896.0	13753.1	13571.6	13452.5	13110.4	12839.1
27.5°	14247.9	14433.2	14606.5	14658.8	14606.5	14433.2	14247.9	14025.0	13954.7	13466.9	13295.9
25°	13765.2	13900.5	14053.6	14135.7	14053.6	13900.5	13765.2	13610.7	13369.8	13056.1	12810.6
22.5°	12773.1	12861.2	12913.3	12870.7	12913.3	12861.2	12773.1	12669.1	12443.0	12199.6	11930.3
20°	11873.0	11984.4	12005.1	12049.9	12005.1	11984.4	11873.0	11739.9	11611.2	11402.3	11169.3
17.5°	11203.0	11275.9	11318.7	11328.4	11318.7	11275.9	11203.0	11077.6	10960.0	10772.0	10567.6
15°	10677.9	10736.4	10774.8	10791.7	10774.8	10736.4	10677.9	10576.9	10449.5	10287.6	10111.0
12.5°	10305.8	10377.1	10412.0	10433.2	10412.0	10377.1	10305.8	10220.0	10089.1	9962.0	9776.6
10°	10067.2	10136.0	10163.7	10173.9	10163.7	10136.0	10067.2	9984.9	9881.8	9739.2	9572.9
7.5°	9895.9	9940.0	9958.7	9973.2	9958.7	9940.0	9895.9	9830.5	9722.5	9575.0	9410.2
5°	9757.6	9792.8	9812.5	9833.4	9812.5	9792.8	9757.6	9680.1	9576.7	9445.3	9274.7
2.5°	9569.5	9619.7	9654.5	9675.6	9654.5	9619.7	9569.5	9499.5	9411.5	9286.2	9108.6
0°	9384.7	9432.1	9456.9	9497.4	9456.9	9432.1	9384.7	9314.8	9226.9	9102.8	8929.2
-2.5°	9181.6	9236.4	9301.6	9364.4	9301.6	9236.4	9181.6	9112.3	9035.1	8911.6	8745.8
-5°	9026.2	9098.6	9112.2	9152.5	9112.2	9098.6	9026.2	8937.4	8832.7	8698.1	8538.4
-7.5°	8791.7	8824.8	8880.9	8890.9	8880.9	8824.8	8791.7	8715.0	8586.1	8439.1	8268.5
-10°	8430.4	8484.2	8519.2	8554.9	8519.2	8484.2	8430.4	8349.4	8240.9	8096.9	7940.6
-12.5°	8005.9	8069.1	8125.4	8117.5	8125.4	8069.1	8005.9	7932.5	7834.8	7707.0	7549.7
-15°	7592.4	7653.3	7692.0	7686.8	7692.0	7653.3	7592.4	7501.0	7413.0	7289.1	7152.8
-17.5°	7181.8	7237.5	7293.5	7292.2	7293.5	7237.5	7181.8	7103.0	7003.7	6890.1	6747.0
-20°	6758.0	6805.6	6865.7	6890.8	6865.7	6805.6	6758.0	6689.9	6573.4	6449.9	6303.2



REPORT NUMBER: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	6267.9	6328.8	6372.5	6399.3	6372.5	6328.8	6267.9	6180.7	6077.9	5932.1	5802.7
-25°	5696.6	5759.1	5792.3	5804.0	5792.3	5759.1	5696.6	5630.1	5529.8	5389.1	5254.2
-27.5°	5065.4	5135.5	5169.6	5152.3	5169.6	5135.5	5065.4	5000.4	4890.1	4796.2	4665.3
-30°	4418.1	4463.1	4468.3	4507.5	4468.3	4463.1	4418.1	4369.3	4276.4	4186.7	4078.5
-32.5°	3779.5	3809.7	3792.5	3794.9	3792.5	3809.7	3779.5	3725.7	3650.7	3573.3	3499.2
-35°	3148.9	3172.9	3177.8	3222.2	3177.8	3172.9	3148.9	3121.0	3076.2	2992.2	2962.5
-37.5°	2642.0	2651.7	2636.8	2615.6	2636.8	2651.7	2642.0	2611.8	2582.7	2528.3	2507.0
-40°	2211.9	2219.5	2214.0	2203.0	2214.0	2219.5	2211.9	2190.5	2189.7	2162.7	2133.6
-42.5°	1902.7	1902.8	1897.7	1896.3	1897.7	1902.8	1902.7	1888.0	1884.2	1860.2	1822.6
-45°	1674.2	1676.5	1676.2	1675.4	1676.2	1676.5	1674.2	1663.7	1656.6	1640.2	1609.6
-47.5°	1496.9	1497.4	1495.0	1490.5	1495.0	1497.4	1496.9	1489.3	1478.6	1463.6	1440.0
-50°	1339.9	1339.9	1343.0	1348.4	1343.0	1339.9	1339.9	1334.7	1326.3	1315.4	1297.8
-52.5°	1207.4	1207.1	1208.8	1210.9	1208.8	1207.1	1207.4	1203.5	1196.0	1186.5	1171.8
-55°	1086.1	1085.4	1083.8	1080.1	1083.8	1085.4	1086.1	1083.2	1076.8	1067.1	1052.7
-57.5°	970.0	968.6	965.7	960.6	965.7	968.6	970.0	967.7	961.5	953.5	944.1
-60°	859.5	860.0	858.5	854.6	858.5	860.0	859.5	856.6	851.5	847.7	841.6
-62.5°	758.7	757.2	756.9	755.4	756.9	757.2	758.7	758.0	755.0	751.0	745.3
-65°	664.3	662.8	663.3	662.9	663.3	662.8	664.3	663.8	661.2	657.8	653.8
-67.5°	575.4	574.9	575.4	575.0	575.4	574.9	575.4	574.3	571.5	568.8	566.5
-70°	493.6	493.8	491.2	487.0	491.2	493.8	493.6	492.2	489.6	487.0	484.5
-72.5°	412.3	410.9	411.0	410.4	411.0	410.9	412.3	412.6	411.6	409.6	407.0
-75°	335.5	334.6	336.7	338.2	336.7	334.6	335.5	335.6	335.0	334.0	333.9
-77.5°	267.1	265.1	266.9	268.3	266.9	265.1	267.1	268.4	268.9	268.8	268.7
-80°	207.3	206.6	206.1	205.2	206.1	206.6	207.3	207.6	207.4	207.0	207.5
-82.5°	153.6	152.7	152.1	151.1	152.1	152.7	153.6	154.1	154.3	154.2	153.7
-85°	97.2	96.6	98.0	99.2	98.0	96.6	97.2	97.6	97.8	97.7	97.9
-87.5°	44.7	44.9	43.9	42.8	43.9	44.9	44.7	44.4	44.0	43.6	43.6
-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: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-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°	31.8	33.3	34.7	35.0	35.1	35.2	35.1	34.9	34.6	34.1	33.5
85°	100.3	100.6	100.8	102.4	103.4	103.7	103.3	101.5	99.1	96.0	92.2
82.5°	194.5	194.1	193.3	195.3	196.2	196.0	194.5	190.7	185.7	179.6	172.3
80°	301.7	301.4	300.9	305.0	307.1	306.9	304.1	297.2	288.1	278.8	269.5
77.5°	432.9	435.8	437.1	441.2	442.2	439.8	433.1	422.6	413.5	401.5	385.7
75°	597.6	601.3	604.0	608.0	608.2	604.7	597.8	585.1	568.2	547.2	519.2
72.5°	791.7	796.6	798.1	798.1	794.0	789.5	779.5	762.5	740.4	713.2	676.1
70°	1020.7	1023.9	1022.5	1016.0	1007.8	997.1	980.2	956.3	925.8	893.7	848.2
67.5°	1290.3	1286.9	1277.6	1264.8	1251.2	1230.7	1203.7	1169.3	1134.1	1093.8	1032.6
65°	1596.3	1585.6	1573.4	1556.1	1530.3	1495.9	1454.3	1410.8	1364.7	1308.6	1231.3
62.5°	1941.5	1907.2	1895.3	1878.6	1845.9	1798.1	1746.9	1691.8	1623.0	1542.6	1465.0
60°	2343.4	2314.1	2284.8	2246.0	2198.1	2138.4	2073.7	1998.9	1914.3	1824.8	1720.9
57.5°	2777.4	2738.2	2708.3	2656.5	2582.1	2512.2	2431.1	2328.0	2226.4	2122.8	1998.7
55°	3297.0	3243.2	3179.6	3107.3	3027.9	2937.2	2826.4	2706.0	2581.8	2439.0	2306.8
52.5°	3806.5	3758.6	3685.5	3581.8	3488.6	3393.8	3263.6	3122.5	2982.1	2834.0	2648.3
50°	4408.9	4336.1	4236.2	4115.6	4017.8	3888.7	3743.6	3572.4	3426.3	3256.9	3052.2
47.5°	5014.3	4966.8	4849.2	4709.2	4618.5	4468.7	4289.9	4098.4	3937.0	3706.7	3483.6
45°	5780.2	5693.7	5561.8	5441.5	5299.7	5133.2	4905.2	4722.1	4506.4	4254.9	3931.6
42.5°	6677.6	6552.7	6381.6	6280.4	6110.1	5890.8	5637.2	5406.6	5137.5	4843.4	4472.1
40°	7765.3	7559.4	7385.6	7222.6	7028.6	6739.2	6458.1	6151.2	5829.5	5467.6	4984.3
37.5°	9014.7	8796.4	8540.1	8270.7	8020.2	7689.9	7313.6	6952.1	6565.5	6021.2	5470.2
35°	10315.6	10066.5	9750.0	9423.6	9034.2	8571.6	8183.3	7757.0	7228.9	6522.8	5919.7
32.5°	11600.1	11191.1	10848.4	10495.9	9913.0	9341.8	8923.9	8545.1	7648.3	6919.7	6314.7
30°	12528.9	12011.3	11663.9	11181.4	10449.8	9929.8	9532.5	8746.2	7911.6	7196.4	6622.3
27.5°	12732.1	12349.0	11996.4	11272.2	10642.2	10182.3	9561.3	8759.8	8000.8	7327.9	6772.0
25°	12341.8	11991.9	11563.0	10960.9	10435.0	9962.4	9310.3	8584.4	7903.3	7310.1	6686.1
22.5°	11600.7	11280.9	10890.3	10420.5	9974.6	9492.5	8917.8	8288.6	7702.7	7147.4	6543.4
20°	10892.5	10604.8	10242.8	9870.5	9487.0	9029.8	8484.3	7969.9	7493.1	6955.3	6372.0
17.5°	10335.9	10038.4	9754.2	9431.4	9038.6	8571.5	8179.0	7755.2	7284.0	6749.7	6176.3
15°	9871.9	9647.9	9377.0	9036.8	8676.3	8343.8	7970.6	7537.1	7067.8	6527.6	5993.6
12.5°	9588.6	9349.2	9053.3	8786.9	8486.8	8138.8	7754.2	7312.1	6863.3	6410.9	5932.1
10°	9362.0	9135.3	8891.5	8611.2	8294.2	7933.3	7573.5	7189.2	6771.3	6327.2	5853.4
7.5°	9216.8	8983.0	8723.2	8450.0	8145.8	7821.4	7468.6	7086.2	6664.3	6221.1	5756.4
5°	9075.8	8842.9	8593.3	8330.9	8020.0	7696.2	7347.0	6963.6	6539.9	6092.7	5640.3
2.5°	8914.6	8694.1	8453.4	8191.1	7875.1	7552.0	7207.5	6819.4	6402.0	5972.2	5508.4
0°	8733.1	8530.1	8270.8	8007.0	7709.3	7393.7	7048.7	6651.8	6243.7	5837.8	5355.3
-2.5°	8560.5	8344.5	8105.2	7843.2	7558.1	7231.3	6888.4	6504.6	6087.8	5677.5	5205.7
-5°	8350.0	8140.0	7899.6	7626.1	7338.7	7016.2	6675.4	6304.5	5894.6	5488.9	5038.1
-7.5°	8078.7	7877.1	7649.9	7377.7	7084.3	6762.1	6417.5	6047.0	5647.7	5246.4	4808.2
-10°	7753.0	7538.5	7307.6	7054.0	6779.1	6474.7	6133.9	5764.0	5379.7	4980.1	4558.8
-12.5°	7371.1	7167.1	6935.8	6687.9	6417.0	6119.2	5803.7	5450.7	5091.5	4690.0	4290.3
-15°	6964.5	6785.1	6557.3	6297.7	6020.8	5738.8	5439.3	5102.7	4770.9	4378.1	4002.9
-17.5°	6575.0	6377.5	6152.9	5913.2	5635.6	5338.9	5049.4	4740.8	4419.9	4062.1	3718.7
-20°	6138.0	5938.0	5729.7	5499.2	5234.6	4949.2	4654.2	4359.8	4058.4	3746.8	3434.8



REPORT NUMBER: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	5644.6	5469.6	5272.7	5054.6	4795.8	4527.9	4257.4	3979.4	3694.2	3425.9	3146.0
-25°	5115.6	4957.0	4763.4	4557.3	4328.7	4086.8	3849.6	3602.7	3357.2	3105.7	2857.5
-27.5°	4543.9	4396.7	4229.0	4048.4	3846.2	3649.6	3440.0	3227.2	3028.9	2807.0	2590.4
-30°	3958.0	3843.3	3699.5	3529.7	3388.9	3225.0	3034.8	2883.4	2711.6	2521.6	2345.1
-32.5°	3394.0	3301.6	3183.4	3070.4	2952.7	2821.8	2691.8	2551.3	2401.4	2266.0	2121.6
-35°	2885.4	2808.3	2743.9	2659.2	2549.2	2462.3	2362.1	2246.8	2132.2	2023.5	1907.7
-37.5°	2466.6	2398.0	2349.9	2287.1	2210.4	2129.3	2063.6	1984.4	1890.3	1803.5	1709.6
-40°	2107.3	2050.3	2015.4	1977.6	1925.2	1849.5	1808.0	1748.9	1684.3	1600.8	1525.2
-42.5°	1819.6	1792.8	1753.0	1729.1	1688.0	1636.6	1583.2	1549.3	1497.5	1432.4	1370.6
-45°	1599.9	1582.6	1548.4	1524.6	1494.3	1453.6	1399.4	1373.9	1334.7	1289.5	1231.0
-47.5°	1423.9	1411.2	1385.9	1354.6	1331.3	1296.1	1258.1	1222.1	1199.3	1160.5	1112.5
-50°	1278.0	1265.9	1243.3	1212.1	1190.8	1164.0	1133.9	1098.2	1076.5	1043.6	1003.6
-52.5°	1152.2	1136.7	1116.7	1090.8	1070.1	1051.5	1024.7	991.9	963.4	940.8	911.5
-55°	1033.5	1020.3	1006.9	988.4	965.8	947.7	922.5	894.1	870.6	851.0	826.0
-57.5°	933.4	921.7	907.1	889.6	869.0	851.2	832.3	810.3	786.0	767.7	744.5
-60°	832.0	819.4	808.9	795.6	779.5	763.2	747.8	729.0	706.7	688.6	668.3
-62.5°	737.4	727.1	718.3	707.8	694.8	680.5	666.6	650.8	632.3	613.6	596.6
-65°	648.2	641.1	633.4	624.3	613.5	601.3	589.3	576.1	561.2	544.5	528.6
-67.5°	562.2	555.9	549.4	542.5	535.1	526.5	517.1	505.7	493.2	479.7	466.3
-70°	480.3	474.2	469.1	465.0	460.6	454.9	447.4	438.5	428.4	417.7	405.9
-72.5°	403.6	399.4	396.1	393.8	390.1	385.5	380.0	373.8	366.5	358.2	347.1
-75°	332.7	330.6	328.3	326.6	323.7	319.6	315.1	310.6	304.7	297.6	288.5
-77.5°	267.8	266.3	264.3	262.7	259.9	256.1	251.7	248.2	244.3	238.8	231.9
-80°	207.3	206.5	205.2	203.9	202.0	199.5	196.4	193.0	188.4	183.2	178.0
-82.5°	152.9	151.9	150.5	149.3	147.6	145.4	142.7	140.1	137.1	133.8	130.1
-85°	97.8	97.5	96.8	95.9	94.8	93.6	92.4	91.3	89.9	88.2	86.1
-87.5°	43.5	43.3	43.0	44.1	45.0	45.7	46.2	45.6	44.9	44.1	43.1
-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: P559178 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-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°	32.8	31.9	30.9	29.8	29.1	28.2	27.1	25.7	23.5	21.2	18.8
85°	87.5	82.1	76.1	69.5	63.1	56.4	54.2	51.4	47.0	42.4	37.6
82.5°	163.2	155.3	147.1	137.9	127.8	117.1	105.8	93.7	79.0	64.8	56.3
80°	257.6	244.4	229.9	214.1	196.5	177.7	162.3	145.4	124.5	104.4	85.0
77.5°	365.1	342.7	318.5	297.8	276.3	253.1	228.1	199.9	169.6	143.5	118.5
75°	484.9	456.7	427.6	396.0	362.4	328.5	298.8	264.3	223.3	183.3	151.5
72.5°	633.8	590.1	545.1	498.8	458.5	417.0	374.4	327.7	279.5	232.4	186.6
70°	793.4	733.1	676.5	620.8	562.8	505.6	456.0	398.3	334.9	280.7	228.2
67.5°	963.2	897.3	825.5	746.5	676.7	608.9	539.4	469.5	398.6	328.3	268.9
65°	1156.1	1072.8	983.0	896.3	803.9	713.3	635.5	543.2	460.9	383.3	308.7
62.5°	1368.1	1259.5	1161.7	1052.7	944.6	837.8	728.4	624.5	524.0	437.0	353.0
60°	1608.3	1489.2	1352.0	1230.0	1099.5	968.6	838.7	703.0	593.3	489.2	398.4
57.5°	1872.5	1732.5	1585.7	1424.4	1271.3	1116.3	948.6	792.8	660.2	546.0	442.0
55°	2148.8	1991.4	1825.6	1648.2	1459.1	1280.2	1064.3	884.7	727.9	602.1	482.6
52.5°	2458.1	2270.0	2078.7	1878.7	1670.5	1439.4	1192.7	971.4	803.7	655.8	525.7
50°	2814.5	2579.3	2352.2	2122.3	1884.8	1606.8	1312.7	1074.9	874.9	709.9	566.6
47.5°	3221.0	2935.5	2654.1	2378.2	2115.4	1762.3	1444.9	1173.7	941.2	767.8	604.7
45°	3642.0	3327.5	2986.7	2667.4	2302.8	1919.6	1573.6	1264.7	1021.3	818.1	639.9
42.5°	4064.6	3724.2	3358.5	2959.3	2495.2	2068.7	1691.1	1367.0	1095.2	864.3	676.8
40°	4534.0	4119.7	3729.3	3230.4	2670.1	2204.3	1812.1	1462.9	1161.6	910.9	713.7
37.5°	4981.6	4523.5	4094.3	3437.4	2830.2	2343.1	1922.6	1548.7	1222.3	961.2	747.3
35°	5399.4	4914.9	4278.2	3605.7	2989.0	2460.6	2020.4	1629.6	1286.9	1005.5	777.4
32.5°	5780.5	5165.8	4419.3	3737.0	3115.0	2556.5	2109.2	1701.7	1342.1	1043.9	804.0
30°	6040.3	5259.5	4516.1	3831.8	3208.9	2649.4	2181.4	1761.4	1388.1	1076.1	828.8
27.5°	6054.0	5303.1	4567.9	3891.0	3273.5	2717.6	2236.3	1809.0	1424.7	1106.2	854.4
25°	6006.6	5283.9	4575.5	3913.0	3307.7	2773.4	2278.4	1844.6	1458.5	1135.4	875.4
22.5°	5895.6	5215.9	4541.0	3898.2	3345.2	2811.9	2313.3	1875.1	1485.7	1157.3	891.7
20°	5755.4	5105.4	4483.0	3912.7	3364.2	2836.5	2339.5	1894.8	1503.4	1172.3	903.5
17.5°	5583.6	5017.7	4473.3	3910.0	3364.2	2843.8	2351.3	1903.9	1511.7	1180.4	910.9
15°	5504.6	4983.3	4444.0	3889.1	3345.6	2834.3	2349.2	1902.6	1511.2	1182.1	916.0
12.5°	5441.2	4929.2	4396.4	3850.2	3309.2	2808.6	2333.6	1891.3	1502.1	1182.1	919.8
10°	5360.8	4855.4	4330.5	3793.4	3255.7	2767.6	2305.3	1874.1	1497.6	1180.2	920.1
7.5°	5263.0	4762.2	4246.4	3719.0	3191.4	2721.8	2276.2	1855.0	1488.1	1173.2	916.9
5°	5149.4	4659.3	4156.1	3647.7	3142.3	2673.1	2237.8	1826.5	1472.3	1161.5	910.4
2.5°	5026.5	4552.9	4055.1	3561.4	3080.4	2612.7	2189.1	1789.7	1450.4	1145.4	900.9
0°	4884.0	4428.5	3937.0	3458.9	3005.7	2541.2	2130.8	1745.3	1422.8	1125.2	888.4
-2.5°	4758.8	4291.8	3809.8	3347.7	2896.8	2455.5	2067.3	1700.6	1392.2	1105.3	875.3
-5°	4613.3	4137.5	3667.6	3222.3	2776.5	2361.0	1996.2	1650.1	1356.6	1081.9	859.7
-7.5°	4399.4	3948.9	3505.7	3081.4	2646.4	2258.9	1918.4	1594.4	1316.7	1055.3	841.7
-10°	4158.5	3735.3	3322.2	2922.3	2519.8	2158.2	1836.3	1534.5	1272.9	1025.7	821.6
-12.5°	3903.9	3510.3	3128.6	2755.4	2389.5	2058.8	1757.7	1475.6	1226.2	993.5	799.4
-15°	3637.2	3275.8	2926.4	2582.7	2254.8	1954.5	1675.3	1415.5	1180.2	960.5	775.4
-17.5°	3365.8	3033.5	2717.1	2406.3	2117.3	1846.0	1590.0	1352.4	1131.6	927.4	751.4
-20°	3118.1	2807.2	2503.9	2227.8	1978.7	1734.4	1502.7	1286.7	1081.0	892.6	727.1



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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°	2871.1	2598.3	2324.5	2061.8	1842.7	1620.4	1414.3	1218.9	1028.6	856.2	701.1
-25°	2625.2	2390.8	2149.4	1923.9	1710.9	1514.5	1328.8	1149.5	974.8	818.6	673.5
-27.5°	2393.5	2188.3	1973.5	1785.7	1595.7	1410.3	1246.5	1083.7	922.7	779.9	644.5
-30°	2172.4	1995.1	1815.7	1650.4	1481.8	1319.5	1163.9	1018.1	875.2	742.5	614.1
-32.5°	1968.2	1804.3	1665.1	1524.8	1377.1	1229.4	1087.3	952.7	827.5	705.2	585.7
-35°	1778.4	1641.3	1518.9	1403.4	1276.0	1147.6	1017.4	888.0	779.8	666.8	557.8
-37.5°	1597.7	1496.8	1392.0	1289.3	1175.5	1067.3	951.4	834.6	732.3	627.5	529.2
-40°	1449.1	1363.0	1275.5	1181.3	1086.2	988.8	885.2	784.0	686.0	587.3	500.2
-42.5°	1307.5	1240.6	1165.2	1076.4	1003.4	916.3	820.0	732.5	641.3	551.1	470.8
-45°	1181.5	1124.7	1060.5	993.9	924.0	844.5	762.5	680.6	596.5	517.1	442.2
-47.5°	1062.7	1020.5	968.3	912.7	848.2	775.5	704.4	631.1	551.8	483.0	415.0
-50°	962.7	926.4	884.4	834.0	773.9	712.3	647.3	581.8	514.1	449.4	387.1
-52.5°	875.9	841.2	803.7	757.2	706.0	648.9	594.7	533.4	475.8	416.9	358.8
-55°	794.4	760.4	726.0	686.3	640.3	592.7	542.7	490.5	436.8	384.5	330.4
-57.5°	717.4	684.3	654.7	619.0	580.5	539.0	493.9	447.1	399.6	351.5	305.2
-60°	643.4	616.5	587.3	558.0	524.4	486.6	446.3	404.2	362.5	319.0	279.6
-62.5°	575.4	551.1	526.9	500.3	469.5	435.4	399.0	363.3	325.0	289.8	253.7
-65°	511.5	491.4	468.5	443.3	415.2	385.4	354.6	322.0	291.2	260.2	227.6
-67.5°	450.5	432.0	409.7	386.5	364.1	339.1	310.4	284.3	258.1	230.3	201.9
-70°	391.0	373.0	354.4	336.6	316.5	293.6	270.9	248.0	224.8	201.6	176.0
-72.5°	333.6	319.4	304.5	288.4	271.0	252.2	232.0	212.2	193.6	172.9	149.9
-75°	277.7	266.8	255.2	242.2	227.0	210.7	195.1	179.0	162.5	144.0	126.8
-77.5°	224.1	215.6	206.4	197.0	185.3	172.9	159.6	145.8	132.4	119.0	104.7
-80°	173.4	168.1	161.9	154.6	145.0	134.9	125.3	115.5	105.2	94.2	82.4
-82.5°	126.5	122.8	118.5	113.4	106.9	100.2	93.3	86.1	78.0	69.3	60.8
-85°	83.6	80.7	77.2	73.4	69.4	65.3	61.4	57.1	51.7	46.2	40.6
-87.5°	41.5	39.8	38.1	36.2	34.5	32.7	30.7	28.6	25.9	23.1	20.3
-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°	16.3	13.8	11.2	8.5	5.7	2.8	0.0
85°	32.6	27.5	22.3	16.9	11.4	5.6	0.0
82.5°	48.9	41.2	33.4	25.3	17.0	8.4	0.0
80°	66.5	54.9	44.4	33.7	22.7	11.2	0.0
77.5°	94.5	71.6	55.4	42.0	28.3	13.9	0.0
75°	122.1	93.9	67.4	50.2	33.8	16.6	0.0
72.5°	149.2	115.9	84.5	58.4	39.2	19.3	0.0
70°	176.9	137.4	101.2	67.2	44.6	21.9	0.0
67.5°	210.7	158.5	117.6	79.2	49.9	24.5	0.0
65°	243.6	182.0	133.6	90.8	55.0	27.1	0.0
62.5°	275.4	207.5	149.2	102.2	60.1	29.6	0.0
60°	306.0	232.1	164.3	113.3	65.0	32.0	0.0
57.5°	340.7	255.8	182.5	124.0	72.0	34.4	0.0
55°	374.3	278.5	200.1	134.4	78.8	36.7	0.0
52.5°	406.2	300.8	216.9	144.4	85.3	39.0	0.0
50°	436.1	325.2	233.0	153.9	91.7	41.1	0.0
47.5°	464.7	348.1	248.2	163.6	97.8	43.2	0.0
45°	494.5	369.5	262.5	174.2	103.6	45.2	0.0
42.5°	522.0	389.3	275.8	184.3	109.2	47.1	0.0
40°	547.1	407.5	289.4	193.9	114.5	48.9	0.0
37.5°	569.7	424.0	303.0	202.9	119.5	50.6	0.0
35°	589.8	440.6	315.3	211.4	124.2	52.2	0.0
32.5°	609.2	456.0	326.5	219.3	128.6	53.7	0.0
30°	629.9	469.6	336.5	226.6	132.7	55.1	0.0
27.5°	647.9	481.4	345.9	233.2	136.5	56.4	0.0
25°	663.1	491.2	354.3	239.2	140.0	57.6	0.0
22.5°	675.4	499.8	361.5	244.6	143.1	58.7	0.0
20°	685.0	508.4	367.5	249.3	145.9	59.7	0.0
17.5°	693.7	515.4	372.3	253.4	148.3	60.5	0.0
15°	700.7	520.9	376.1	256.8	150.4	61.2	0.0
12.5°	705.0	525.0	378.7	259.6	152.2	61.8	0.0
10°	706.7	527.6	380.3	261.7	153.6	62.3	0.0
7.5°	705.9	528.6	380.8	263.2	154.6	62.7	0.0
5°	702.8	528.2	380.4	264.0	155.3	63.0	0.0
2.5°	697.5	526.4	378.9	264.2	155.6	63.1	0.0
0°	690.0	523.1	376.6	263.8	155.6	63.1	0.0
-2.5°	682.1	518.2	374.8	262.6	155.2	63.2	0.0
-5°	672.3	511.9	372.1	260.8	154.5	63.2	0.0
-7.5°	660.7	504.4	368.6	258.4	153.4	63.0	0.0
-10°	647.5	495.7	364.2	255.4	152.1	62.7	0.0
-12.5°	632.6	485.9	359.0	251.9	150.3	62.3	0.0
-15°	616.2	475.2	353.0	247.8	148.3	61.8	0.0
-17.5°	598.4	463.5	346.2	243.1	146.0	61.2	0.0
-20°	579.9	451.0	338.6	238.0	143.3	60.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	561.4	437.8	330.3	232.4	140.4	59.5	0.0
-25°	541.8	424.6	321.2	226.3	137.2	58.5	0.0
-27.5°	521.2	410.8	311.4	219.7	133.8	57.4	0.0
-30°	499.7	396.2	301.0	212.7	130.0	56.1	0.0
-32.5°	477.3	380.7	290.2	205.3	126.1	54.8	0.0
-35°	456.4	364.5	278.9	197.4	121.8	53.3	0.0
-37.5°	435.8	348.1	267.0	189.2	117.4	51.7	0.0
-40°	414.3	332.4	254.6	180.6	112.8	50.0	0.0
-42.5°	392.2	316.2	242.2	171.8	107.9	48.2	0.0
-45°	369.4	299.4	230.0	162.6	102.8	46.3	0.0
-47.5°	346.0	282.2	217.3	153.1	97.6	44.3	0.0
-50°	324.5	264.6	204.1	144.5	92.2	42.2	0.0
-52.5°	303.1	246.5	190.6	136.1	86.6	40.0	0.0
-55°	281.3	229.1	176.7	127.5	80.8	37.8	0.0
-57.5°	259.3	211.4	162.4	118.6	74.9	35.4	0.0
-60°	237.0	193.3	148.0	109.6	68.9	33.0	0.0
-62.5°	215.2	174.9	135.7	100.3	63.8	30.5	0.0
-65°	193.0	156.2	123.2	90.8	58.5	28.0	0.0
-67.5°	170.6	138.8	110.5	81.1	53.0	25.3	0.0
-70°	147.8	122.9	97.6	71.3	47.5	22.7	0.0
-72.5°	128.2	106.8	84.5	62.4	41.8	19.9	0.0
-75°	109.0	90.5	71.2	53.7	36.0	17.2	0.0
-77.5°	89.5	74.0	59.3	44.9	30.2	14.4	0.0
-80°	70.0	58.8	47.5	36.0	24.2	11.5	0.0
-82.5°	52.4	44.2	35.7	27.1	18.2	8.7	0.0
-85°	35.0	29.5	23.9	18.1	12.2	5.8	0.0
-87.5°	17.5	14.8	11.9	9.0	6.1	2.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)