

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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-935-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3C-935-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

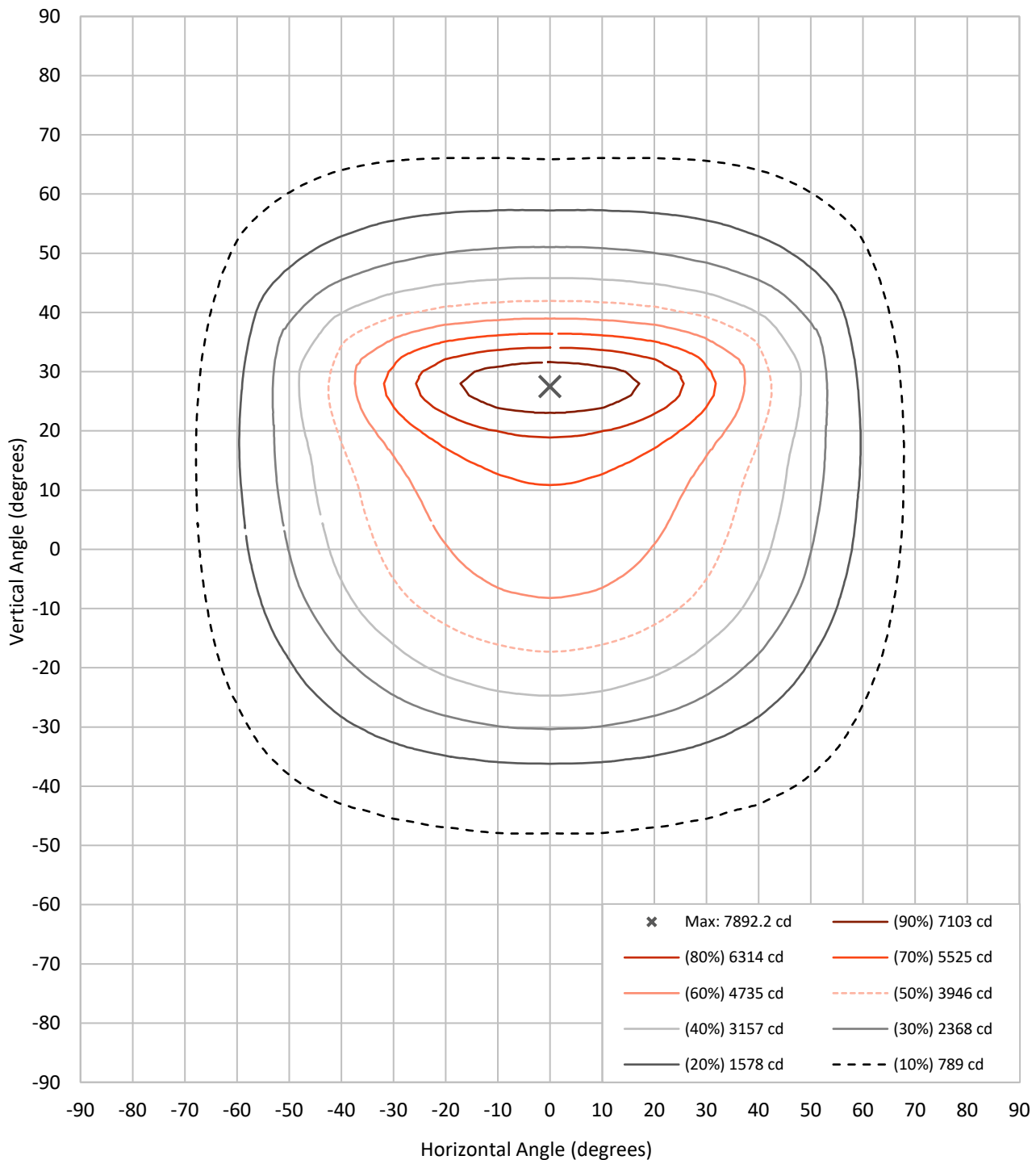
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11505.5 lumens	Max Intensity:	7892.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	96.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	5967.3 lumens	Field Lumens:	10643.6 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	119		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

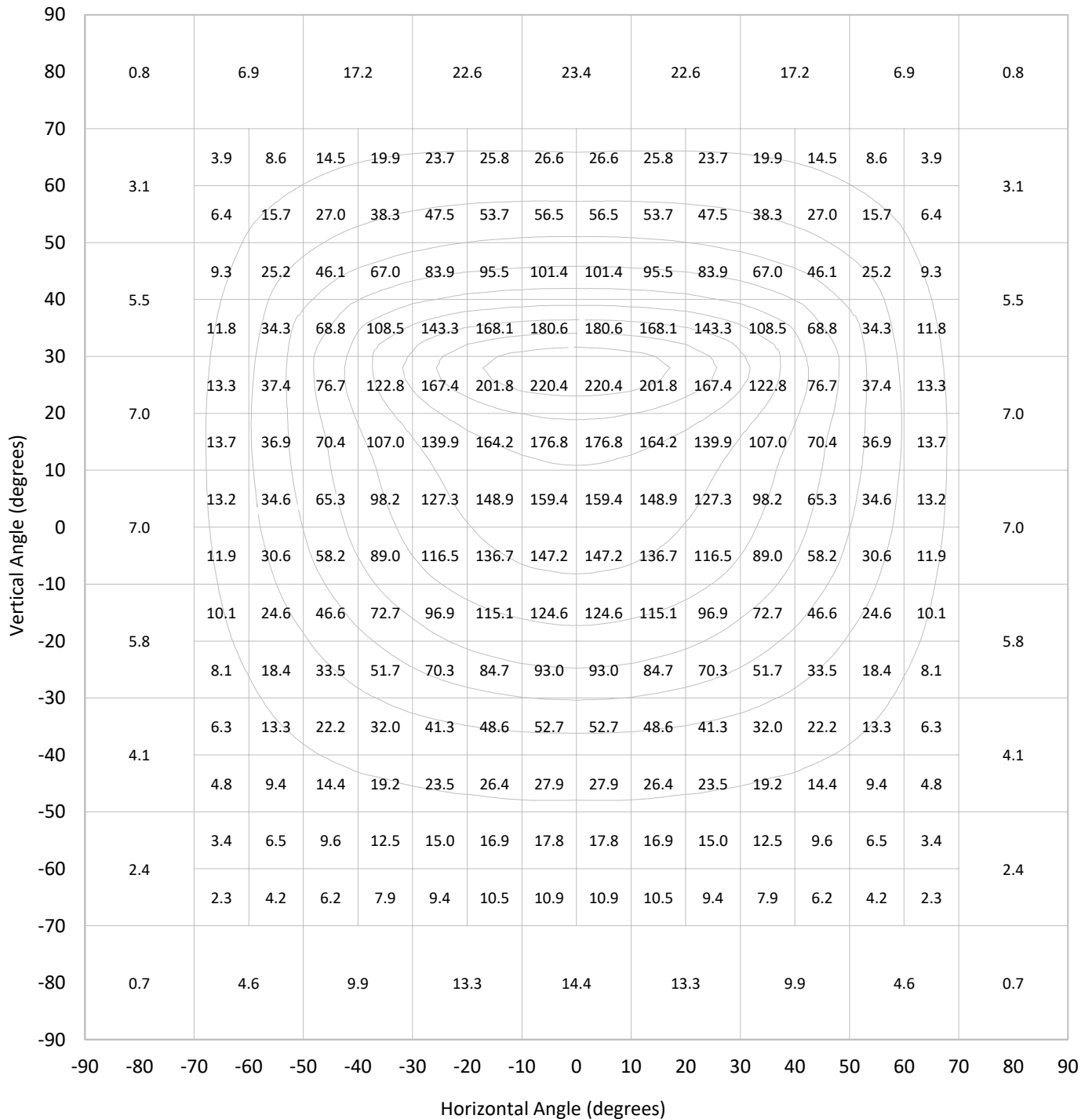
### Iso-Candela Plot





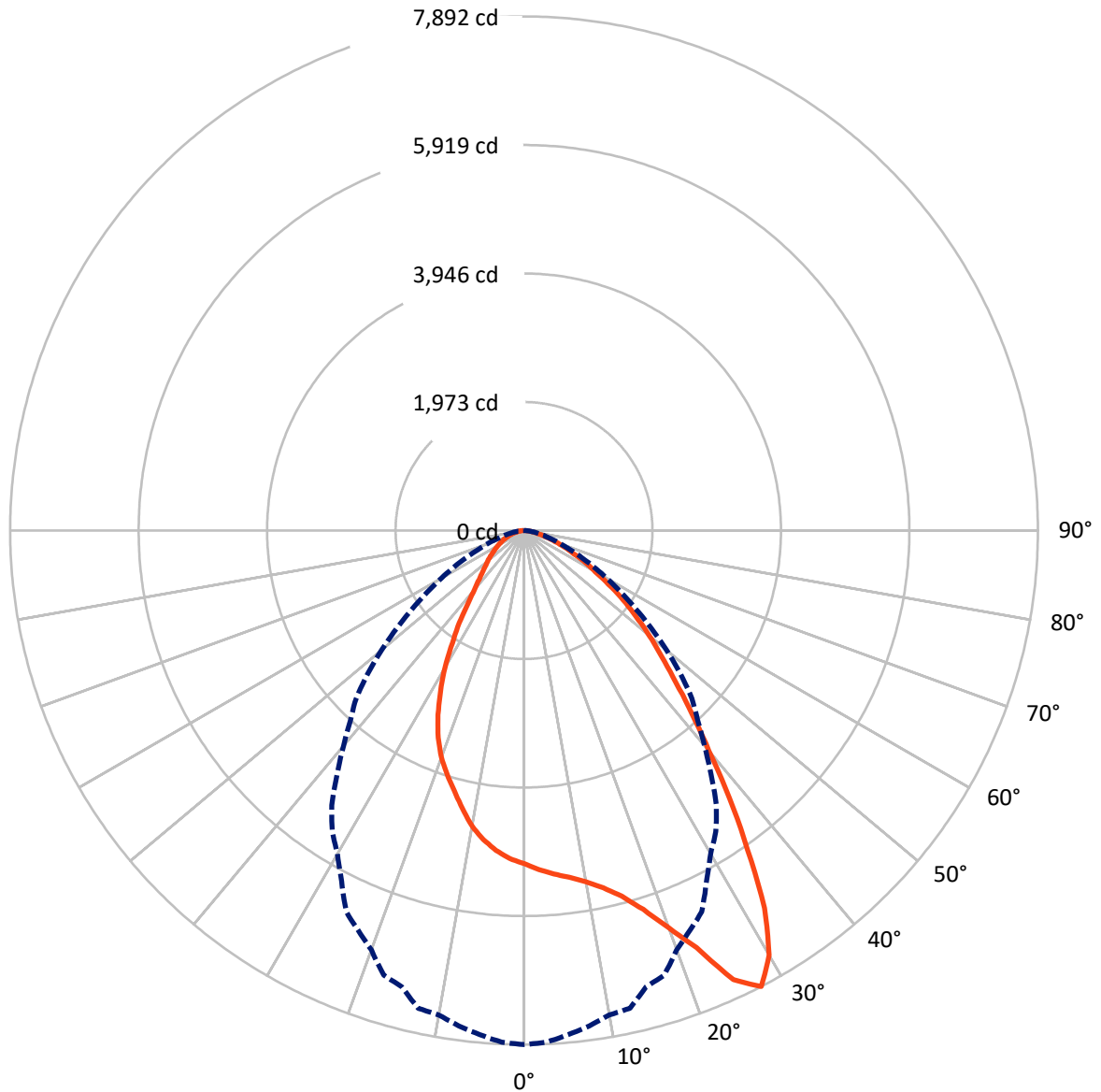
REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

### Lumen Table



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

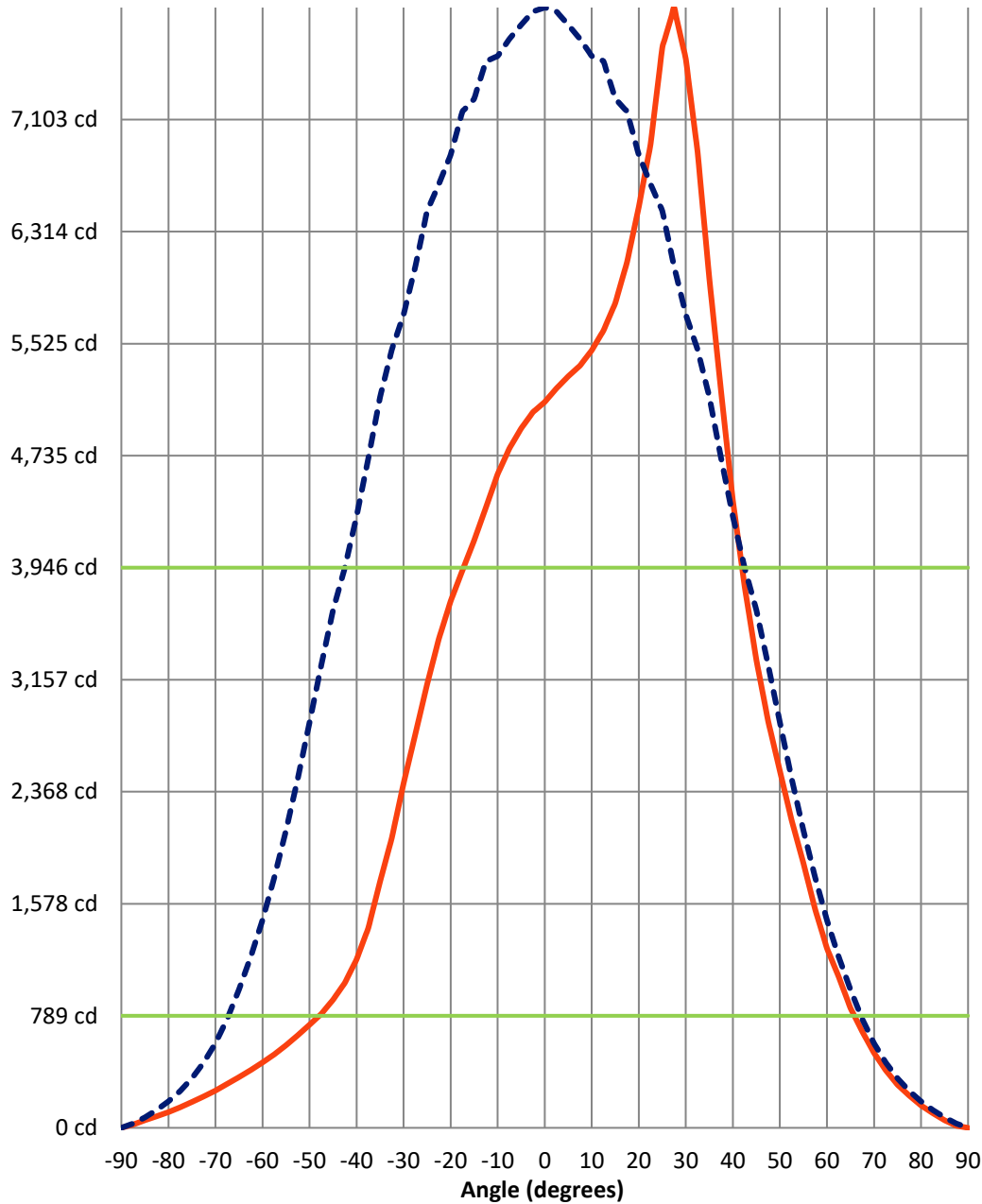
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 5967.3  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 10643.6  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 861.9  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 27.5-Deg



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

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	1.5	3.1	4.6	6.0	7.4	8.8	10.1	11.4	12.7	13.9
85°	0.0	3.0	6.1	9.1	12.0	14.8	17.6	20.2	22.8	25.3	27.7
82.5°	0.0	4.5	9.2	13.6	18.0	22.2	26.3	30.3	34.9	42.5	50.5
80°	0.0	6.0	12.2	18.1	23.9	29.6	35.8	45.8	56.2	67.0	78.3
77.5°	0.0	7.5	15.2	22.6	29.8	38.6	50.9	63.8	77.3	91.3	107.6
75°	0.0	8.9	18.2	27.0	36.3	50.6	65.8	81.6	98.7	120.2	142.3
72.5°	0.0	10.4	21.1	31.4	45.5	62.4	80.4	100.5	125.1	150.5	176.4
70°	0.0	11.8	24.0	36.2	54.5	74.0	95.3	122.9	151.2	180.3	214.4
67.5°	0.0	13.2	26.8	42.6	63.3	85.4	113.5	144.8	176.8	214.6	252.8
65°	0.0	14.6	29.6	48.9	71.9	98.0	131.2	166.2	206.4	248.2	292.5
62.5°	0.0	15.9	32.4	55.0	80.3	111.7	148.3	190.1	235.3	282.1	336.2
60°	0.0	17.3	35.0	61.0	88.5	125.0	164.8	214.5	263.4	319.5	378.5
57.5°	0.0	18.5	38.8	66.8	98.3	137.8	183.4	238.0	294.0	355.5	426.8
55°	0.0	19.8	42.4	72.4	107.7	150.0	201.6	259.9	324.2	391.9	476.3
52.5°	0.0	21.0	45.9	77.7	116.8	161.9	218.7	283.0	353.1	432.7	522.9
50°	0.0	22.1	49.4	82.9	125.4	175.1	234.8	305.1	382.3	471.0	578.7
47.5°	0.0	23.3	52.6	88.1	133.6	187.4	250.2	325.6	413.4	506.7	631.9
45°	0.0	24.3	55.8	93.8	141.3	198.9	266.3	344.6	440.4	549.9	680.9
42.5°	0.0	25.4	58.8	99.2	148.5	209.6	281.1	364.4	465.3	589.6	736.0
40°	0.0	26.3	61.6	104.4	155.8	219.4	294.6	384.3	490.4	625.4	787.6
37.5°	0.0	27.3	64.3	109.3	163.1	228.3	306.7	402.3	517.5	658.1	833.9
35°	0.0	28.1	66.9	113.8	169.8	237.2	317.6	418.6	541.4	692.9	877.4
32.5°	0.0	28.9	69.3	118.1	175.8	245.5	328.0	432.9	562.0	722.6	916.2
30°	0.0	29.7	71.5	122.0	181.1	252.9	339.2	446.2	579.4	747.4	948.4
27.5°	0.0	30.4	73.5	125.5	186.2	259.2	348.9	460.0	595.6	767.1	973.9
25°	0.0	31.0	75.4	128.8	190.7	264.5	357.0	471.3	611.3	785.2	993.1
22.5°	0.0	31.6	77.1	131.7	194.6	269.1	363.7	480.1	623.1	799.9	1009.5
20°	0.0	32.1	78.6	134.2	197.8	273.7	368.9	486.5	631.2	809.4	1020.1
17.5°	0.0	32.6	79.9	136.4	200.4	277.5	373.5	490.4	635.5	813.9	1025.0
15°	0.0	33.0	81.0	138.3	202.4	280.5	377.3	493.2	636.4	813.6	1024.4
12.5°	0.0	33.3	81.9	139.7	203.9	282.7	379.6	495.2	636.4	808.7	1018.3
10°	0.0	33.6	82.7	140.9	204.7	284.0	380.5	495.4	635.4	806.3	1009.0
7.5°	0.0	33.8	83.3	141.7	205.0	284.6	380.1	493.7	631.6	801.2	998.7
5°	0.0	33.9	83.6	142.1	204.7	284.4	378.4	490.2	625.3	792.6	983.4
2.5°	0.0	34.0	83.8	142.2	204.0	283.4	375.5	485.0	616.7	780.9	963.5
0°	0.0	34.0	83.8	142.0	202.7	281.6	371.5	478.3	605.8	766.0	939.6
-2.5°	0.0	34.0	83.6	141.4	201.7	278.9	367.2	471.3	595.1	749.5	915.5
-5°	0.0	34.0	83.2	140.4	200.3	275.6	362.0	462.9	582.5	730.4	888.3
-7.5°	0.0	33.9	82.6	139.1	198.4	271.5	355.8	453.2	568.2	708.9	858.4
-10°	0.0	33.8	81.9	137.5	196.0	266.8	348.6	442.3	552.3	685.3	826.1
-12.5°	0.0	33.6	81.0	135.6	193.2	261.6	340.6	430.4	534.9	660.2	794.4
-15°	0.0	33.3	79.9	133.4	190.0	255.8	331.8	417.5	517.1	635.4	762.1
-17.5°	0.0	32.9	78.6	130.9	186.3	249.5	322.2	404.6	499.3	609.3	728.1
-20°	0.0	32.5	77.2	128.1	182.3	242.8	312.3	391.5	480.6	582.0	692.7



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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	32.0	75.6	125.1	177.8	235.7	302.3	377.5	461.0	553.8	656.3
-25°	0.0	31.5	73.9	121.8	172.9	228.6	291.7	362.6	440.7	524.9	618.9
-27.5°	0.0	30.9	72.0	118.3	167.7	221.2	280.6	347.0	419.9	496.8	583.5
-30°	0.0	30.2	70.0	114.5	162.1	213.3	269.0	330.6	399.8	471.2	548.1
-32.5°	0.0	29.5	67.9	110.5	156.3	204.9	257.0	315.4	379.7	445.5	513.0
-35°	0.0	28.7	65.6	106.3	150.2	196.2	245.7	300.3	359.0	419.8	478.1
-37.5°	0.0	27.8	63.2	101.9	143.8	187.4	234.6	284.9	337.9	394.3	449.4
-40°	0.0	26.9	60.7	97.2	137.1	179.0	223.0	269.3	316.2	369.3	422.1
-42.5°	0.0	26.0	58.1	92.4	130.4	170.2	211.1	253.4	296.7	345.3	394.4
-45°	0.0	24.9	55.3	87.5	123.8	161.2	198.9	238.0	278.4	321.2	366.4
-47.5°	0.0	23.9	52.5	82.4	117.0	151.9	186.3	223.4	260.0	297.1	339.7
-50°	0.0	22.7	49.6	77.8	109.9	142.5	174.7	208.4	241.9	276.8	313.2
-52.5°	0.0	21.6	46.6	73.3	102.6	132.7	163.2	193.2	224.4	256.1	287.2
-55°	0.0	20.3	43.5	68.6	95.1	123.3	151.5	177.9	207.0	235.1	264.0
-57.5°	0.0	19.1	40.3	63.8	87.4	113.8	139.6	164.3	189.3	215.1	240.7
-60°	0.0	17.8	37.1	58.9	79.6	104.1	127.6	150.6	171.8	195.2	217.6
-62.5°	0.0	16.4	34.3	53.9	73.0	94.2	115.9	136.6	156.0	175.0	195.6
-65°	0.0	15.1	31.5	48.8	66.3	84.1	103.9	122.6	140.1	156.8	173.4
-67.5°	0.0	13.6	28.5	43.6	59.5	74.7	91.8	108.7	124.0	139.0	153.1
-70°	0.0	12.2	25.5	38.4	52.5	66.2	79.6	94.7	108.5	121.0	133.5
-72.5°	0.0	10.7	22.5	33.6	45.5	57.5	69.0	80.7	93.1	104.2	114.2
-75°	0.0	9.2	19.4	28.9	38.3	48.7	58.7	68.3	77.6	87.5	96.4
-77.5°	0.0	7.7	16.2	24.2	31.9	39.8	48.2	56.4	64.1	71.3	78.5
-80°	0.0	6.2	13.0	19.4	25.6	31.6	37.7	44.4	50.7	56.7	62.2
-82.5°	0.0	4.7	9.8	14.6	19.2	23.8	28.2	32.8	37.3	42.0	46.4
-85°	0.0	3.1	6.5	9.7	12.8	15.9	18.8	21.9	24.9	27.8	30.7
-87.5°	0.0	1.6	3.3	4.9	6.4	7.9	9.4	10.9	12.4	13.9	15.4
-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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	14.6	15.2	15.7	16.0	16.6	17.2	17.6	18.0	18.4	18.6	18.8
85°	29.2	30.4	34.0	37.4	41.0	44.2	47.1	49.7	51.7	53.4	54.7
82.5°	57.0	63.0	68.8	74.3	79.2	83.7	87.9	92.8	96.7	100.0	102.7
80°	87.3	95.7	105.8	115.3	123.8	131.6	138.7	145.1	150.1	155.1	160.0
77.5°	122.8	136.3	148.8	160.4	171.5	184.5	196.6	207.6	216.2	222.6	227.6
75°	160.9	176.9	195.1	213.2	230.2	245.9	261.0	279.5	294.6	305.9	315.0
72.5°	201.6	224.5	246.9	268.5	293.5	317.7	341.3	364.0	384.0	398.7	410.5
70°	245.5	272.2	303.0	334.2	364.2	394.7	427.2	456.7	481.1	498.4	514.9
67.5°	290.4	327.8	364.3	401.9	444.4	483.1	518.6	556.0	588.9	610.6	629.6
65°	342.2	384.0	432.8	482.6	529.3	577.6	622.4	663.0	704.6	734.8	759.6
62.5°	392.1	451.0	508.5	566.8	625.5	678.1	736.6	788.8	830.6	873.8	910.9
60°	451.5	521.4	592.0	662.2	727.9	801.8	865.9	926.5	982.4	1030.6	1076.2
57.5°	510.7	601.0	684.4	766.9	853.8	932.8	1008.2	1076.1	1142.9	1198.7	1253.4
55°	573.0	689.2	785.5	887.4	982.9	1072.2	1156.9	1241.9	1313.2	1390.1	1456.9
52.5°	642.1	774.9	899.3	1011.5	1119.2	1222.1	1323.4	1425.9	1525.9	1605.6	1681.1
50°	706.8	865.0	1014.7	1142.6	1266.4	1388.7	1515.3	1643.3	1753.5	1844.7	1923.3
47.5°	777.9	948.8	1138.9	1280.4	1429.0	1580.5	1734.2	1875.6	1995.6	2119.6	2206.5
45°	847.2	1033.5	1239.8	1436.1	1608.0	1791.5	1960.8	2116.8	2290.8	2426.2	2542.3
42.5°	910.5	1113.8	1343.4	1593.3	1808.2	2005.1	2188.4	2407.7	2607.7	2766.0	2910.9
40°	975.6	1186.8	1437.6	1739.3	2007.8	2218.0	2441.0	2683.5	2943.7	3138.5	3311.8
37.5°	1035.1	1261.5	1523.8	1850.7	2204.3	2435.4	2682.1	2945.1	3241.8	3534.8	3743.0
35°	1087.8	1324.8	1609.3	1941.3	2303.3	2646.1	2907.0	3187.1	3511.8	3892.1	4176.3
32.5°	1135.6	1376.4	1677.1	2012.0	2379.3	2781.2	3112.2	3399.8	3725.5	4117.9	4600.6
30°	1174.5	1426.4	1727.7	2063.0	2431.4	2831.7	3252.1	3565.4	3874.6	4259.5	4708.9
27.5°	1204.0	1463.1	1762.4	2094.9	2459.3	2855.1	3259.5	3646.1	3945.3	4307.6	4716.2
25°	1226.7	1493.2	1780.9	2106.7	2463.4	2844.8	3233.9	3599.8	3935.7	4255.1	4621.8
22.5°	1245.5	1513.9	1801.0	2098.7	2444.8	2808.2	3174.2	3523.0	3848.1	4147.1	4462.5
20°	1259.6	1527.2	1811.2	2106.5	2413.6	2748.7	3098.7	3430.6	3744.7	4034.2	4290.9
17.5°	1265.9	1531.1	1811.2	2105.1	2408.4	2701.5	3006.2	3325.2	3634.0	3921.7	4175.3
15°	1264.8	1525.9	1801.2	2093.9	2392.6	2683.0	2963.7	3226.9	3514.4	3805.2	4057.9
12.5°	1256.4	1512.1	1781.6	2072.9	2367.0	2653.9	2929.5	3193.8	3451.6	3695.1	3936.8
10°	1241.1	1490.1	1752.8	2042.3	2331.5	2614.2	2886.3	3151.4	3406.5	3645.6	3870.6
7.5°	1225.5	1465.3	1718.2	2002.3	2286.3	2563.9	2833.6	3099.2	3349.4	3588.0	3815.2
5°	1204.8	1439.2	1691.8	1963.9	2237.6	2508.5	2772.4	3036.8	3280.3	3521.0	3749.1
2.5°	1178.6	1406.7	1658.5	1917.4	2183.2	2451.3	2706.2	2965.7	3215.4	3446.8	3671.5
0°	1147.2	1368.2	1618.3	1862.3	2119.6	2384.3	2629.5	2883.2	3143.0	3361.6	3581.3
-2.5°	1113.0	1322.1	1559.7	1802.4	2051.1	2310.7	2562.1	2802.6	3056.7	3277.6	3502.0
-5°	1074.7	1271.1	1494.9	1734.9	1974.6	2227.6	2483.8	2712.5	2955.1	3173.6	3394.3
-7.5°	1032.8	1216.1	1424.8	1659.0	1887.4	2126.1	2368.6	2588.7	2824.6	3040.6	3255.6
-10°	988.6	1161.9	1356.7	1573.3	1788.6	2011.1	2238.9	2454.4	2681.2	2896.4	3103.3
-12.5°	946.3	1108.4	1286.5	1483.5	1684.4	1889.9	2101.8	2309.8	2525.1	2741.2	2934.6
-15°	901.9	1052.3	1214.0	1390.5	1575.5	1763.6	1958.2	2155.1	2357.1	2568.6	2747.2
-17.5°	856.0	993.9	1140.0	1295.5	1462.9	1633.2	1812.1	2002.1	2187.0	2379.6	2552.4
-20°	809.0	933.8	1065.3	1199.4	1348.1	1511.4	1678.8	1849.3	2017.3	2185.0	2347.3



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	761.4	872.4	992.1	1110.1	1251.5	1398.9	1545.8	1693.8	1844.5	1989.0	2142.4
-25°	715.4	815.4	921.1	1035.8	1157.2	1287.2	1413.4	1538.5	1672.1	1807.5	1939.7
-27.5°	671.1	759.2	859.1	961.4	1062.5	1178.2	1288.6	1394.7	1511.3	1630.7	1737.5
-30°	626.6	710.4	797.8	888.6	977.6	1074.1	1169.6	1262.6	1357.6	1459.9	1552.4
-32.5°	585.4	661.9	741.4	821.0	896.5	971.4	1059.7	1142.3	1220.0	1292.9	1373.6
-35°	547.8	617.8	687.0	755.6	817.8	883.7	957.5	1027.1	1089.4	1148.0	1209.6
-37.5°	512.2	574.6	632.8	694.1	749.4	805.9	860.2	920.4	971.0	1017.8	1068.4
-40°	476.6	532.4	584.8	636.0	686.7	733.8	780.2	821.1	861.8	906.8	941.6
-42.5°	441.5	493.3	540.2	579.5	627.3	667.9	703.9	737.9	771.1	806.2	834.1
-45°	410.5	454.7	497.4	535.1	570.9	605.5	636.1	662.8	694.3	718.6	739.7
-47.5°	379.2	417.5	456.6	491.3	521.3	549.5	572.2	599.0	624.8	645.7	658.0
-50°	348.5	383.5	416.6	449.0	476.1	498.7	518.3	540.4	561.8	579.6	591.3
-52.5°	320.1	349.3	380.1	407.7	432.7	452.9	471.6	490.8	506.5	518.6	534.0
-55°	292.2	319.1	344.7	369.5	390.9	409.4	427.7	444.7	458.2	468.7	481.4
-57.5°	265.9	290.2	312.5	333.3	352.5	368.4	386.2	400.8	413.3	423.2	436.3
-60°	240.2	262.0	282.3	300.4	316.2	331.9	346.4	359.8	370.7	380.5	392.5
-62.5°	214.8	234.4	252.7	269.3	283.7	296.7	309.8	321.2	330.3	340.4	350.4
-65°	190.9	207.5	223.5	238.7	252.2	264.6	275.4	284.6	293.2	302.1	310.2
-67.5°	167.2	182.6	196.0	208.1	220.6	232.6	242.6	251.1	258.3	265.6	272.3
-70°	145.8	158.1	170.4	181.2	190.8	200.8	210.5	218.5	224.9	230.7	236.1
-72.5°	124.9	135.8	145.9	155.3	163.9	172.0	179.6	186.9	192.8	197.3	201.3
-75°	105.0	113.4	122.2	130.4	137.4	143.7	149.6	155.4	160.2	164.1	167.2
-77.5°	86.0	93.1	99.8	106.1	111.2	116.1	120.7	124.9	128.6	131.5	133.7
-80°	67.5	72.7	78.1	83.2	87.2	90.5	93.4	95.9	98.7	101.5	103.9
-82.5°	50.2	54.0	57.6	61.0	63.8	66.1	68.1	70.1	72.0	73.9	75.5
-85°	33.0	35.2	37.4	39.5	41.6	43.4	45.0	46.4	47.5	48.4	49.1
-87.5°	16.5	17.6	18.6	19.5	20.5	21.5	22.4	23.2	23.7	24.2	24.5
-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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	18.9	19.0	18.9	18.8	18.7	17.9	17.1	16.2	15.3	15.7	16.1
85°	55.7	55.9	55.7	55.1	54.2	54.2	54.0	53.6	53.1	53.9	54.6
82.5°	104.8	105.5	105.6	105.1	104.1	104.5	104.7	104.5	103.9	104.7	105.1
80°	163.7	165.2	165.3	164.2	162.0	162.3	162.4	162.0	160.9	161.2	161.1
77.5°	233.2	236.8	238.1	237.5	235.3	234.6	233.0	229.9	225.2	225.1	225.2
75°	321.9	325.6	327.5	327.3	325.2	323.8	321.7	318.1	312.9	312.7	312.7
72.5°	419.7	425.1	427.5	429.7	429.7	428.9	426.3	420.8	412.8	411.8	412.8
70°	527.7	536.8	542.6	547.1	550.6	551.3	549.6	545.2	538.2	536.3	535.7
67.5°	648.1	662.6	673.6	680.9	687.8	692.8	694.7	692.7	687.1	685.2	685.9
65°	783.0	805.4	823.9	837.8	847.1	853.7	859.4	862.8	863.7	865.7	868.4
62.5°	940.6	968.1	993.9	1011.4	1020.5	1026.8	1045.3	1056.0	1059.0	1059.7	1063.8
60°	1116.5	1151.3	1183.4	1209.3	1230.1	1245.9	1261.7	1272.1	1275.9	1276.7	1282.4
57.5°	1308.9	1352.6	1390.2	1430.2	1458.1	1474.2	1495.3	1517.0	1528.3	1531.6	1544.9
55°	1521.7	1581.4	1630.1	1672.9	1711.9	1746.1	1775.1	1797.4	1814.0	1823.9	1841.6
52.5°	1757.1	1827.2	1878.2	1928.5	1984.3	2023.6	2049.3	2090.7	2120.6	2137.1	2158.2
50°	2015.5	2093.6	2163.2	2215.8	2280.8	2334.5	2373.7	2412.8	2440.2	2455.9	2476.3
47.5°	2309.7	2405.9	2486.6	2535.4	2610.8	2674.1	2699.7	2729.2	2780.8	2805.6	2827.4
45°	2640.9	2763.7	2853.3	2929.6	2994.4	3065.5	3112.0	3145.6	3196.4	3222.0	3238.0
42.5°	3035.0	3171.6	3289.7	3381.3	3435.8	3527.9	3595.2	3614.1	3686.1	3734.9	3749.2
40°	3477.0	3628.4	3784.2	3888.7	3976.4	4069.9	4180.8	4242.5	4303.4	4351.3	4362.1
37.5°	3937.6	4140.2	4318.0	4452.9	4597.9	4735.9	4853.4	4917.5	4957.5	5049.1	5083.3
35°	4405.8	4614.9	4863.9	5073.6	5249.3	5419.8	5553.8	5659.4	5760.0	5842.4	5891.8
32.5°	4804.6	5029.6	5337.1	5650.9	5840.7	6025.2	6245.5	6366.2	6500.3	6609.0	6688.3
30°	5132.2	5346.1	5626.1	6020.0	6279.8	6466.8	6745.5	6912.5	7058.6	7242.7	7306.8
27.5°	5147.7	5482.1	5729.7	6068.9	6458.8	6648.6	6854.9	7158.4	7250.5	7513.1	7551.0
25°	5012.6	5363.7	5618.1	5901.2	6225.4	6456.4	6644.7	6897.1	7029.3	7198.2	7327.9
22.5°	4801.3	5110.7	5370.2	5610.3	5863.3	6073.6	6245.8	6423.2	6568.2	6699.3	6821.0
20°	4567.9	4861.6	5107.7	5314.2	5514.7	5709.6	5864.5	6013.5	6138.9	6251.4	6320.7
17.5°	4403.5	4614.8	4866.3	5077.8	5251.6	5404.6	5564.8	5689.5	5799.6	5900.8	5964.1
15°	4291.3	4492.2	4671.3	4865.4	5048.5	5194.4	5315.0	5443.7	5538.8	5625.9	5694.5
12.5°	4174.8	4381.9	4569.2	4730.9	4874.2	5033.5	5162.5	5263.7	5363.5	5431.9	5502.4
10°	4077.5	4271.2	4465.6	4636.2	4787.1	4918.4	5040.4	5154.0	5243.5	5320.3	5375.8
7.5°	4021.0	4211.0	4385.6	4549.4	4696.5	4836.4	4962.3	5066.4	5155.1	5234.5	5292.7
5°	3955.5	4143.5	4317.9	4485.3	4626.6	4761.0	4886.4	4993.4	5085.3	5156.1	5211.7
2.5°	3880.5	4065.9	4239.9	4410.0	4551.2	4680.9	4799.5	4904.0	4999.6	5067.1	5114.5
0°	3795.0	3980.7	4150.7	4310.9	4452.9	4592.6	4701.8	4807.4	4900.9	4967.7	5015.0
-2.5°	3708.7	3893.3	4069.2	4222.7	4363.8	4492.7	4608.9	4708.7	4798.0	4864.4	4906.0
-5°	3594.0	3777.5	3951.1	4105.8	4253.1	4382.5	4495.6	4597.0	4683.0	4755.5	4811.8
-7.5°	3455.2	3640.7	3814.2	3972.1	4118.7	4241.0	4349.6	4451.7	4543.5	4622.7	4692.1
-10°	3302.5	3486.0	3649.8	3797.8	3934.4	4058.7	4174.2	4275.2	4359.3	4436.9	4495.3
-12.5°	3124.7	3294.6	3454.9	3600.7	3734.2	3858.7	3968.5	4064.7	4149.4	4218.1	4270.8
-15°	2928.5	3089.8	3241.6	3390.6	3530.4	3653.0	3749.6	3851.0	3924.4	3991.1	4038.5
-17.5°	2718.6	2874.5	3034.2	3183.6	3312.7	3433.6	3539.9	3632.6	3709.6	3770.8	3824.2
-20°	2505.8	2664.6	2818.3	2960.7	3084.8	3196.9	3304.6	3393.6	3472.5	3539.1	3601.8



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2292.1	2437.8	2582.0	2721.4	2838.8	2944.8	3039.0	3124.1	3193.8	3272.3	3327.7
-25°	2072.6	2200.3	2330.6	2453.6	2564.6	2668.8	2754.2	2828.8	2901.5	2977.2	3031.2
-27.5°	1852.1	1964.9	2070.7	2179.6	2276.9	2367.2	2446.4	2511.7	2582.2	2632.8	2692.1
-30°	1633.9	1736.3	1824.6	1900.3	1991.8	2069.2	2130.9	2195.8	2254.1	2302.4	2352.4
-32.5°	1449.3	1519.3	1589.7	1653.1	1713.9	1777.6	1827.3	1883.9	1923.9	1965.5	2005.9
-35°	1271.7	1325.7	1372.5	1431.7	1477.3	1512.0	1553.5	1595.0	1611.0	1656.2	1680.3
-37.5°	1111.0	1146.4	1190.1	1231.4	1265.2	1291.1	1328.0	1349.8	1361.2	1390.5	1406.2
-40°	973.4	995.7	1036.5	1064.7	1085.1	1103.9	1134.6	1148.7	1164.4	1178.9	1179.3
-42.5°	852.4	881.1	908.8	930.9	943.8	965.2	979.7	981.3	1001.5	1014.5	1016.5
-45°	753.4	782.6	804.5	820.8	833.6	852.1	861.4	866.6	883.1	891.9	895.8
-47.5°	677.4	697.8	716.7	729.3	746.1	759.8	766.6	775.3	788.0	796.1	801.8
-50°	610.5	626.7	641.1	652.6	669.4	681.5	688.0	698.7	708.2	714.1	718.6
-52.5°	551.7	566.1	576.2	587.3	601.2	612.0	620.3	630.9	638.8	643.9	647.9
-55°	496.6	510.2	520.0	532.2	542.1	549.3	556.4	566.8	574.5	579.8	583.2
-57.5°	448.1	458.3	467.8	478.9	488.4	496.3	502.6	508.3	513.4	517.6	521.0
-60°	402.6	410.9	419.7	428.3	435.5	441.2	447.9	453.1	456.4	458.5	461.2
-62.5°	358.9	366.3	374.1	381.1	386.8	391.6	397.0	401.3	404.4	406.5	408.1
-65°	317.3	323.7	330.3	336.1	341.0	345.2	349.0	352.1	354.2	356.0	357.4
-67.5°	278.4	283.5	288.1	292.1	295.8	299.3	302.7	305.0	306.3	307.7	309.2
-70°	240.9	244.9	248.0	250.4	252.6	255.4	258.6	260.9	262.2	263.6	265.0
-72.5°	204.6	207.6	210.1	212.1	213.3	215.1	217.3	219.2	220.6	221.7	222.2
-75°	169.7	172.1	174.3	175.8	176.7	178.0	179.2	179.8	179.9	180.4	180.7
-77.5°	135.5	137.9	139.9	141.4	142.3	143.3	144.2	144.6	144.7	144.8	144.5
-80°	105.8	107.4	108.8	109.8	110.5	111.2	111.6	111.7	111.4	111.7	111.8
-82.5°	76.8	78.3	79.5	80.4	81.0	81.7	82.3	82.7	83.0	83.1	83.0
-85°	49.7	50.4	51.0	51.6	52.2	52.5	52.7	52.7	52.5	52.6	52.5
-87.5°	24.8	24.6	24.2	23.7	23.1	23.3	23.4	23.5	23.5	23.7	23.9
-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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	16.6	16.9	15.8	14.6	15.8	16.9	16.6	16.1	15.7	15.3	16.2
85°	55.1	55.5	54.5	53.4	54.5	55.5	55.1	54.6	53.9	53.1	53.6
82.5°	105.2	105.0	104.3	103.2	104.3	105.0	105.2	105.1	104.7	103.9	104.5
80°	160.5	159.4	158.8	157.8	158.8	159.4	160.5	161.1	161.2	160.9	162.0
77.5°	224.7	223.5	225.4	227.0	225.4	223.5	224.7	225.2	225.1	225.2	229.9
75°	311.5	309.1	306.8	303.5	306.8	309.1	311.5	312.7	312.7	312.9	318.1
72.5°	412.4	410.5	408.6	405.5	408.6	410.5	412.4	412.8	411.8	412.8	420.8
70°	532.5	526.9	527.8	528.1	527.8	526.9	532.5	535.7	536.3	538.2	545.2
67.5°	683.7	678.6	679.2	678.6	679.2	678.6	683.7	685.9	685.2	687.1	692.7
65°	866.8	861.0	854.0	843.7	854.0	861.0	866.8	868.4	865.7	863.7	862.8
62.5°	1063.3	1058.2	1061.1	1063.5	1061.1	1058.2	1063.3	1063.8	1059.7	1059.0	1056.0
60°	1281.5	1274.4	1270.8	1265.0	1270.8	1274.4	1281.5	1282.4	1276.7	1275.9	1272.1
57.5°	1551.0	1549.7	1546.5	1538.1	1546.5	1549.7	1551.0	1544.9	1531.6	1528.3	1517.0
55°	1849.8	1848.1	1855.1	1863.5	1855.1	1848.1	1849.8	1841.6	1823.9	1814.0	1797.4
52.5°	2173.7	2179.2	2177.2	2165.8	2177.2	2179.2	2173.7	2158.2	2137.1	2120.6	2090.7
50°	2494.3	2500.4	2507.0	2513.0	2507.0	2500.4	2494.3	2476.3	2455.9	2440.2	2412.8
47.5°	2857.6	2873.8	2876.6	2865.0	2876.6	2873.8	2857.6	2827.4	2805.6	2780.8	2729.2
45°	3270.3	3280.1	3285.0	3294.8	3285.0	3280.1	3270.3	3238.0	3222.0	3196.4	3145.6
42.5°	3790.7	3802.0	3803.7	3814.4	3803.7	3802.0	3790.7	3749.2	3734.9	3686.1	3614.1
40°	4408.4	4426.7	4423.6	4419.0	4423.6	4426.7	4408.4	4362.1	4351.3	4303.4	4242.5
37.5°	5131.4	5162.5	5165.8	5185.0	5165.8	5162.5	5131.4	5083.3	5049.1	4957.5	4917.5
35°	5942.9	5979.5	5973.2	5982.6	5973.2	5979.5	5942.9	5891.8	5842.4	5760.0	5659.4
32.5°	6761.5	6816.4	6827.4	6873.7	6827.4	6816.4	6761.5	6688.3	6609.0	6500.3	6366.2
30°	7404.6	7481.6	7531.8	7528.0	7531.8	7481.6	7404.6	7306.8	7242.7	7058.6	6912.5
27.5°	7671.0	7770.7	7864.1	7892.2	7864.1	7770.7	7671.0	7551.0	7513.1	7250.5	7158.4
25°	7411.1	7483.9	7566.3	7610.6	7566.3	7483.9	7411.1	7327.9	7198.2	7029.3	6897.1
22.5°	6877.0	6924.4	6952.4	6929.5	6952.4	6924.4	6877.0	6821.0	6699.3	6568.2	6423.2
20°	6392.3	6452.3	6463.4	6487.6	6463.4	6452.3	6392.3	6320.7	6251.4	6138.9	6013.5
17.5°	6031.6	6070.9	6093.9	6099.1	6093.9	6070.9	6031.6	5964.1	5900.8	5799.6	5689.5
15°	5748.9	5780.4	5801.0	5810.2	5801.0	5780.4	5748.9	5694.5	5625.9	5538.8	5443.7
12.5°	5548.6	5586.9	5605.7	5617.2	5605.7	5586.9	5548.6	5502.4	5431.9	5363.5	5263.7
10°	5420.1	5457.2	5472.1	5477.6	5472.1	5457.2	5420.1	5375.8	5320.3	5243.5	5154.0
7.5°	5327.8	5351.7	5361.7	5369.5	5361.7	5351.7	5327.8	5292.7	5234.5	5155.1	5066.4
5°	5253.4	5272.4	5283.0	5294.2	5283.0	5272.4	5253.4	5211.7	5156.1	5085.3	4993.4
2.5°	5152.2	5179.2	5197.9	5209.3	5197.9	5179.2	5152.2	5114.5	5067.1	4999.6	4904.0
0°	5052.7	5078.2	5091.5	5113.4	5091.5	5078.2	5052.7	5015.0	4967.7	4900.9	4807.4
-2.5°	4943.3	4972.8	5007.9	5041.7	5007.9	4972.8	4943.3	4906.0	4864.4	4798.0	4708.7
-5°	4859.6	4898.6	4905.9	4927.6	4905.9	4898.6	4859.6	4811.8	4755.5	4683.0	4597.0
-7.5°	4733.4	4751.2	4781.4	4786.8	4781.4	4751.2	4733.4	4692.1	4622.7	4543.5	4451.7
-10°	4538.9	4567.8	4586.7	4605.9	4586.7	4567.8	4538.9	4495.3	4436.9	4359.3	4275.2
-12.5°	4310.3	4344.3	4374.7	4370.4	4374.7	4344.3	4310.3	4270.8	4218.1	4149.4	4064.7
-15°	4087.7	4120.5	4141.3	4138.5	4141.3	4120.5	4087.7	4038.5	3991.1	3924.4	3851.0
-17.5°	3866.6	3896.6	3926.8	3926.1	3926.8	3896.6	3866.6	3824.2	3770.8	3709.6	3632.6
-20°	3638.4	3664.1	3696.4	3710.0	3696.4	3664.1	3638.4	3601.8	3539.1	3472.5	3393.6



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	3374.6	3407.4	3430.9	3445.3	3430.9	3407.4	3374.6	3327.7	3272.3	3193.8	3124.1
-25°	3067.0	3100.7	3118.5	3124.8	3118.5	3100.7	3067.0	3031.2	2977.2	2901.5	2828.8
-27.5°	2727.1	2765.0	2783.3	2774.0	2783.3	2765.0	2727.1	2692.1	2632.8	2582.2	2511.7
-30°	2378.7	2402.9	2405.7	2426.8	2405.7	2402.9	2378.7	2352.4	2302.4	2254.1	2195.8
-32.5°	2034.8	2051.1	2041.9	2043.2	2041.9	2051.1	2034.8	2005.9	1965.5	1923.9	1883.9
-35°	1695.3	1708.3	1710.9	1734.8	1710.9	1708.3	1695.3	1680.3	1656.2	1611.0	1595.0
-37.5°	1422.4	1427.7	1419.7	1408.2	1419.7	1427.7	1422.4	1406.2	1390.5	1361.2	1349.8
-40°	1190.9	1194.9	1192.0	1186.1	1192.0	1194.9	1190.9	1179.3	1178.9	1164.4	1148.7
-42.5°	1024.4	1024.4	1021.7	1021.0	1021.7	1024.4	1024.4	1016.5	1014.5	1001.5	981.3
-45°	901.4	902.6	902.4	902.0	902.4	902.6	901.4	895.8	891.9	883.1	866.6
-47.5°	805.9	806.2	804.9	802.5	804.9	806.2	805.9	801.8	796.1	788.0	775.3
-50°	721.4	721.4	723.0	726.0	723.0	721.4	721.4	718.6	714.1	708.2	698.7
-52.5°	650.0	649.9	650.8	651.9	650.8	649.9	650.0	647.9	643.9	638.8	630.9
-55°	584.8	584.4	583.5	581.5	583.5	584.4	584.8	583.2	579.8	574.5	566.8
-57.5°	522.2	521.5	520.0	517.2	520.0	521.5	522.2	521.0	517.6	513.4	508.3
-60°	462.8	463.0	462.2	460.1	462.2	463.0	462.8	461.2	458.5	456.4	453.1
-62.5°	408.5	407.6	407.5	406.7	407.5	407.6	408.5	408.1	406.5	404.4	401.3
-65°	357.7	356.8	357.1	356.9	357.1	356.8	357.7	357.4	356.0	354.2	352.1
-67.5°	309.8	309.6	309.8	309.6	309.8	309.6	309.8	309.2	307.7	306.3	305.0
-70°	265.7	265.9	264.5	262.2	264.5	265.9	265.7	265.0	263.6	262.2	260.9
-72.5°	222.0	221.3	221.3	220.9	221.3	221.3	222.0	222.2	221.7	220.6	219.2
-75°	180.6	180.1	181.3	182.1	181.3	180.1	180.6	180.7	180.4	179.9	179.8
-77.5°	143.8	142.8	143.7	144.5	143.7	142.8	143.8	144.5	144.8	144.7	144.6
-80°	111.6	111.3	111.0	110.5	111.0	111.3	111.6	111.8	111.7	111.4	111.7
-82.5°	82.7	82.3	81.9	81.3	81.9	82.3	82.7	83.0	83.1	83.0	82.7
-85°	52.3	52.0	52.7	53.4	52.7	52.0	52.3	52.5	52.6	52.5	52.7
-87.5°	24.1	24.2	23.7	23.1	23.7	24.2	24.1	23.9	23.7	23.5	23.5
-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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	17.1	17.9	18.7	18.8	18.9	19.0	18.9	18.8	18.6	18.4	18.0
85°	54.0	54.2	54.2	55.1	55.7	55.9	55.7	54.7	53.4	51.7	49.7
82.5°	104.7	104.5	104.1	105.1	105.6	105.5	104.8	102.7	100.0	96.7	92.8
80°	162.4	162.3	162.0	164.2	165.3	165.2	163.7	160.0	155.1	150.1	145.1
77.5°	233.0	234.6	235.3	237.5	238.1	236.8	233.2	227.6	222.6	216.2	207.6
75°	321.7	323.8	325.2	327.3	327.5	325.6	321.9	315.0	305.9	294.6	279.5
72.5°	426.3	428.9	429.7	429.7	427.5	425.1	419.7	410.5	398.7	384.0	364.0
70°	549.6	551.3	550.6	547.1	542.6	536.8	527.7	514.9	498.4	481.1	456.7
67.5°	694.7	692.8	687.8	680.9	673.6	662.6	648.1	629.6	610.6	588.9	556.0
65°	859.4	853.7	847.1	837.8	823.9	805.4	783.0	759.6	734.8	704.6	663.0
62.5°	1045.3	1026.8	1020.5	1011.4	993.9	968.1	940.6	910.9	873.8	830.6	788.8
60°	1261.7	1245.9	1230.1	1209.3	1183.4	1151.3	1116.5	1076.2	1030.6	982.4	926.5
57.5°	1495.3	1474.2	1458.1	1430.2	1390.2	1352.6	1308.9	1253.4	1198.7	1142.9	1076.1
55°	1775.1	1746.1	1711.9	1672.9	1630.1	1581.4	1521.7	1456.9	1390.1	1313.2	1241.9
52.5°	2049.3	2023.6	1984.3	1928.5	1878.2	1827.2	1757.1	1681.1	1605.6	1525.9	1425.9
50°	2373.7	2334.5	2280.8	2215.8	2163.2	2093.6	2015.5	1923.3	1844.7	1753.5	1643.3
47.5°	2699.7	2674.1	2610.8	2535.4	2486.6	2405.9	2309.7	2206.5	2119.6	1995.6	1875.6
45°	3112.0	3065.5	2994.4	2929.6	2853.3	2763.7	2640.9	2542.3	2426.2	2290.8	2116.8
42.5°	3595.2	3527.9	3435.8	3381.3	3289.7	3171.6	3035.0	2910.9	2766.0	2607.7	2407.7
40°	4180.8	4069.9	3976.4	3888.7	3784.2	3628.4	3477.0	3311.8	3138.5	2943.7	2683.5
37.5°	4853.4	4735.9	4597.9	4452.9	4318.0	4140.2	3937.6	3743.0	3534.8	3241.8	2945.1
35°	5553.8	5419.8	5249.3	5073.6	4863.9	4614.9	4405.8	4176.3	3892.1	3511.8	3187.1
32.5°	6245.5	6025.2	5840.7	5650.9	5337.1	5029.6	4804.6	4600.6	4117.9	3725.5	3399.8
30°	6745.5	6466.8	6279.8	6020.0	5626.1	5346.1	5132.2	4708.9	4259.5	3874.6	3565.4
27.5°	6854.9	6648.6	6458.8	6068.9	5729.7	5482.1	5147.7	4716.2	4307.6	3945.3	3646.1
25°	6644.7	6456.4	6225.4	5901.2	5618.1	5363.7	5012.6	4621.8	4255.1	3935.7	3599.8
22.5°	6245.8	6073.6	5863.3	5610.3	5370.2	5110.7	4801.3	4462.5	4147.1	3848.1	3523.0
20°	5864.5	5709.6	5514.7	5314.2	5107.7	4861.6	4567.9	4290.9	4034.2	3744.7	3430.6
17.5°	5564.8	5404.6	5251.6	5077.8	4866.3	4614.8	4403.5	4175.3	3921.7	3634.0	3325.2
15°	5315.0	5194.4	5048.5	4865.4	4671.3	4492.2	4291.3	4057.9	3805.2	3514.4	3226.9
12.5°	5162.5	5033.5	4874.2	4730.9	4569.2	4381.9	4174.8	3936.8	3695.1	3451.6	3193.8
10°	5040.4	4918.4	4787.1	4636.2	4465.6	4271.2	4077.5	3870.6	3645.6	3406.5	3151.4
7.5°	4962.3	4836.4	4696.5	4549.4	4385.6	4211.0	4021.0	3815.2	3588.0	3349.4	3099.2
5°	4886.4	4761.0	4626.6	4485.3	4317.9	4143.5	3955.5	3749.1	3521.0	3280.3	3036.8
2.5°	4799.5	4680.9	4551.2	4410.0	4239.9	4065.9	3880.5	3671.5	3446.8	3215.4	2965.7
0°	4701.8	4592.6	4452.9	4310.9	4150.7	3980.7	3795.0	3581.3	3361.6	3143.0	2883.2
-2.5°	4608.9	4492.7	4363.8	4222.7	4069.2	3893.3	3708.7	3502.0	3277.6	3056.7	2802.6
-5°	4495.6	4382.5	4253.1	4105.8	3951.1	3777.5	3594.0	3394.3	3173.6	2955.1	2712.5
-7.5°	4349.6	4241.0	4118.7	3972.1	3814.2	3640.7	3455.2	3255.6	3040.6	2824.6	2588.7
-10°	4174.2	4058.7	3934.4	3797.8	3649.8	3486.0	3302.5	3103.3	2896.4	2681.2	2454.4
-12.5°	3968.5	3858.7	3734.2	3600.7	3454.9	3294.6	3124.7	2934.6	2741.2	2525.1	2309.8
-15°	3749.6	3653.0	3530.4	3390.6	3241.6	3089.8	2928.5	2747.2	2568.6	2357.1	2155.1
-17.5°	3539.9	3433.6	3312.7	3183.6	3034.2	2874.5	2718.6	2552.4	2379.6	2187.0	2002.1
-20°	3304.6	3196.9	3084.8	2960.7	2818.3	2664.6	2505.8	2347.3	2185.0	2017.3	1849.3



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3039.0	2944.8	2838.8	2721.4	2582.0	2437.8	2292.1	2142.4	1989.0	1844.5	1693.8
-25°	2754.2	2668.8	2564.6	2453.6	2330.6	2200.3	2072.6	1939.7	1807.5	1672.1	1538.5
-27.5°	2446.4	2367.2	2276.9	2179.6	2070.7	1964.9	1852.1	1737.5	1630.7	1511.3	1394.7
-30°	2130.9	2069.2	1991.8	1900.3	1824.6	1736.3	1633.9	1552.4	1459.9	1357.6	1262.6
-32.5°	1827.3	1777.6	1713.9	1653.1	1589.7	1519.3	1449.3	1373.6	1292.9	1220.0	1142.3
-35°	1553.5	1512.0	1477.3	1431.7	1372.5	1325.7	1271.7	1209.6	1148.0	1089.4	1027.1
-37.5°	1328.0	1291.1	1265.2	1231.4	1190.1	1146.4	1111.0	1068.4	1017.8	971.0	920.4
-40°	1134.6	1103.9	1085.1	1064.7	1036.5	995.7	973.4	941.6	906.8	861.8	821.1
-42.5°	979.7	965.2	943.8	930.9	908.8	881.1	852.4	834.1	806.2	771.1	737.9
-45°	861.4	852.1	833.6	820.8	804.5	782.6	753.4	739.7	718.6	694.3	662.8
-47.5°	766.6	759.8	746.1	729.3	716.7	697.8	677.4	658.0	645.7	624.8	599.0
-50°	688.0	681.5	669.4	652.6	641.1	626.7	610.5	591.3	579.6	561.8	540.4
-52.5°	620.3	612.0	601.2	587.3	576.2	566.1	551.7	534.0	518.6	506.5	490.8
-55°	556.4	549.3	542.1	532.2	520.0	510.2	496.6	481.4	468.7	458.2	444.7
-57.5°	502.6	496.3	488.4	478.9	467.8	458.3	448.1	436.3	423.2	413.3	400.8
-60°	447.9	441.2	435.5	428.3	419.7	410.9	402.6	392.5	380.5	370.7	359.8
-62.5°	397.0	391.6	386.8	381.1	374.1	366.3	358.9	350.4	340.4	330.3	321.2
-65°	349.0	345.2	341.0	336.1	330.3	323.7	317.3	310.2	302.1	293.2	284.6
-67.5°	302.7	299.3	295.8	292.1	288.1	283.5	278.4	272.3	265.6	258.3	251.1
-70°	258.6	255.4	252.6	250.4	248.0	244.9	240.9	236.1	230.7	224.9	218.5
-72.5°	217.3	215.1	213.3	212.1	210.1	207.6	204.6	201.3	197.3	192.8	186.9
-75°	179.2	178.0	176.7	175.8	174.3	172.1	169.7	167.2	164.1	160.2	155.4
-77.5°	144.2	143.3	142.3	141.4	139.9	137.9	135.5	133.7	131.5	128.6	124.9
-80°	111.6	111.2	110.5	109.8	108.8	107.4	105.8	103.9	101.5	98.7	95.9
-82.5°	82.3	81.7	81.0	80.4	79.5	78.3	76.8	75.5	73.9	72.0	70.1
-85°	52.7	52.5	52.2	51.6	51.0	50.4	49.7	49.1	48.4	47.5	46.4
-87.5°	23.4	23.3	23.1	23.7	24.2	24.6	24.8	24.5	24.2	23.7	23.2
-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: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-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°	17.6	17.2	16.6	16.0	15.7	15.2	14.6	13.9	12.7	11.4	10.1
85°	47.1	44.2	41.0	37.4	34.0	30.4	29.2	27.7	25.3	22.8	20.2
82.5°	87.9	83.7	79.2	74.3	68.8	63.0	57.0	50.5	42.5	34.9	30.3
80°	138.7	131.6	123.8	115.3	105.8	95.7	87.3	78.3	67.0	56.2	45.8
77.5°	196.6	184.5	171.5	160.4	148.8	136.3	122.8	107.6	91.3	77.3	63.8
75°	261.0	245.9	230.2	213.2	195.1	176.9	160.9	142.3	120.2	98.7	81.6
72.5°	341.3	317.7	293.5	268.5	246.9	224.5	201.6	176.4	150.5	125.1	100.5
70°	427.2	394.7	364.2	334.2	303.0	272.2	245.5	214.4	180.3	151.2	122.9
67.5°	518.6	483.1	444.4	401.9	364.3	327.8	290.4	252.8	214.6	176.8	144.8
65°	622.4	577.6	529.3	482.6	432.8	384.0	342.2	292.5	248.2	206.4	166.2
62.5°	736.6	678.1	625.5	566.8	508.5	451.0	392.1	336.2	282.1	235.3	190.1
60°	865.9	801.8	727.9	662.2	592.0	521.4	451.5	378.5	319.5	263.4	214.5
57.5°	1008.2	932.8	853.8	766.9	684.4	601.0	510.7	426.8	355.5	294.0	238.0
55°	1156.9	1072.2	982.9	887.4	785.5	689.2	573.0	476.3	391.9	324.2	259.9
52.5°	1323.4	1222.1	1119.2	1011.5	899.3	774.9	642.1	522.9	432.7	353.1	283.0
50°	1515.3	1388.7	1266.4	1142.6	1014.7	865.0	706.8	578.7	471.0	382.3	305.1
47.5°	1734.2	1580.5	1429.0	1280.4	1138.9	948.8	777.9	631.9	506.7	413.4	325.6
45°	1960.8	1791.5	1608.0	1436.1	1239.8	1033.5	847.2	680.9	549.9	440.4	344.6
42.5°	2188.4	2005.1	1808.2	1593.3	1343.4	1113.8	910.5	736.0	589.6	465.3	364.4
40°	2441.0	2218.0	2007.8	1739.3	1437.6	1186.8	975.6	787.6	625.4	490.4	384.3
37.5°	2682.1	2435.4	2204.3	1850.7	1523.8	1261.5	1035.1	833.9	658.1	517.5	402.3
35°	2907.0	2646.1	2303.3	1941.3	1609.3	1324.8	1087.8	877.4	692.9	541.4	418.6
32.5°	3112.2	2781.2	2379.3	2012.0	1677.1	1376.4	1135.6	916.2	722.6	562.0	432.9
30°	3252.1	2831.7	2431.4	2063.0	1727.7	1426.4	1174.5	948.4	747.4	579.4	446.2
27.5°	3259.5	2855.1	2459.3	2094.9	1762.4	1463.1	1204.0	973.9	767.1	595.6	460.0
25°	3233.9	2844.8	2463.4	2106.7	1780.9	1493.2	1226.7	993.1	785.2	611.3	471.3
22.5°	3174.2	2808.2	2444.8	2098.7	1801.0	1513.9	1245.5	1009.5	799.9	623.1	480.1
20°	3098.7	2748.7	2413.6	2106.5	1811.2	1527.2	1259.6	1020.1	809.4	631.2	486.5
17.5°	3006.2	2701.5	2408.4	2105.1	1811.2	1531.1	1265.9	1025.0	813.9	635.5	490.4
15°	2963.7	2683.0	2392.6	2093.9	1801.2	1525.9	1264.8	1024.4	813.6	636.4	493.2
12.5°	2929.5	2653.9	2367.0	2072.9	1781.6	1512.1	1256.4	1018.3	808.7	636.4	495.2
10°	2886.3	2614.2	2331.5	2042.3	1752.8	1490.1	1241.1	1009.0	806.3	635.4	495.4
7.5°	2833.6	2563.9	2286.3	2002.3	1718.2	1465.3	1225.5	998.7	801.2	631.6	493.7
5°	2772.4	2508.5	2237.6	1963.9	1691.8	1439.2	1204.8	983.4	792.6	625.3	490.2
2.5°	2706.2	2451.3	2183.2	1917.4	1658.5	1406.7	1178.6	963.5	780.9	616.7	485.0
0°	2629.5	2384.3	2119.6	1862.3	1618.3	1368.2	1147.2	939.6	766.0	605.8	478.3
-2.5°	2562.1	2310.7	2051.1	1802.4	1559.7	1322.1	1113.0	915.5	749.5	595.1	471.3
-5°	2483.8	2227.6	1974.6	1734.9	1494.9	1271.1	1074.7	888.3	730.4	582.5	462.9
-7.5°	2368.6	2126.1	1887.4	1659.0	1424.8	1216.1	1032.8	858.4	708.9	568.2	453.2
-10°	2238.9	2011.1	1788.6	1573.3	1356.7	1161.9	988.6	826.1	685.3	552.3	442.3
-12.5°	2101.8	1889.9	1684.4	1483.5	1286.5	1108.4	946.3	794.4	660.2	534.9	430.4
-15°	1958.2	1763.6	1575.5	1390.5	1214.0	1052.3	901.9	762.1	635.4	517.1	417.5
-17.5°	1812.1	1633.2	1462.9	1295.5	1140.0	993.9	856.0	728.1	609.3	499.3	404.6
-20°	1678.8	1511.4	1348.1	1199.4	1065.3	933.8	809.0	692.7	582.0	480.6	391.5



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1545.8	1398.9	1251.5	1110.1	992.1	872.4	761.4	656.3	553.8	461.0	377.5
-25°	1413.4	1287.2	1157.2	1035.8	921.1	815.4	715.4	618.9	524.9	440.7	362.6
-27.5°	1288.6	1178.2	1062.5	961.4	859.1	759.2	671.1	583.5	496.8	419.9	347.0
-30°	1169.6	1074.1	977.6	888.6	797.8	710.4	626.6	548.1	471.2	399.8	330.6
-32.5°	1059.7	971.4	896.5	821.0	741.4	661.9	585.4	513.0	445.5	379.7	315.4
-35°	957.5	883.7	817.8	755.6	687.0	617.8	547.8	478.1	419.8	359.0	300.3
-37.5°	860.2	805.9	749.4	694.1	632.8	574.6	512.2	449.4	394.3	337.9	284.9
-40°	780.2	733.8	686.7	636.0	584.8	532.4	476.6	422.1	369.3	316.2	269.3
-42.5°	703.9	667.9	627.3	579.5	540.2	493.3	441.5	394.4	345.3	296.7	253.4
-45°	636.1	605.5	570.9	535.1	497.4	454.7	410.5	366.4	321.2	278.4	238.0
-47.5°	572.2	549.5	521.3	491.3	456.6	417.5	379.2	339.7	297.1	260.0	223.4
-50°	518.3	498.7	476.1	449.0	416.6	383.5	348.5	313.2	276.8	241.9	208.4
-52.5°	471.6	452.9	432.7	407.7	380.1	349.3	320.1	287.2	256.1	224.4	193.2
-55°	427.7	409.4	390.9	369.5	344.7	319.1	292.2	264.0	235.1	207.0	177.9
-57.5°	386.2	368.4	352.5	333.3	312.5	290.2	265.9	240.7	215.1	189.3	164.3
-60°	346.4	331.9	316.2	300.4	282.3	262.0	240.2	217.6	195.2	171.8	150.6
-62.5°	309.8	296.7	283.7	269.3	252.7	234.4	214.8	195.6	175.0	156.0	136.6
-65°	275.4	264.6	252.2	238.7	223.5	207.5	190.9	173.4	156.8	140.1	122.6
-67.5°	242.6	232.6	220.6	208.1	196.0	182.6	167.2	153.1	139.0	124.0	108.7
-70°	210.5	200.8	190.8	181.2	170.4	158.1	145.8	133.5	121.0	108.5	94.7
-72.5°	179.6	172.0	163.9	155.3	145.9	135.8	124.9	114.2	104.2	93.1	80.7
-75°	149.6	143.7	137.4	130.4	122.2	113.4	105.0	96.4	87.5	77.6	68.3
-77.5°	120.7	116.1	111.2	106.1	99.8	93.1	86.0	78.5	71.3	64.1	56.4
-80°	93.4	90.5	87.2	83.2	78.1	72.7	67.5	62.2	56.7	50.7	44.4
-82.5°	68.1	66.1	63.8	61.0	57.6	54.0	50.2	46.4	42.0	37.3	32.8
-85°	45.0	43.4	41.6	39.5	37.4	35.2	33.0	30.7	27.8	24.9	21.9
-87.5°	22.4	21.5	20.5	19.5	18.6	17.6	16.5	15.4	13.9	12.4	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

**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°	8.8	7.4	6.0	4.6	3.1	1.5	0.0
85°	17.6	14.8	12.0	9.1	6.1	3.0	0.0
82.5°	26.3	22.2	18.0	13.6	9.2	4.5	0.0
80°	35.8	29.6	23.9	18.1	12.2	6.0	0.0
77.5°	50.9	38.6	29.8	22.6	15.2	7.5	0.0
75°	65.8	50.6	36.3	27.0	18.2	8.9	0.0
72.5°	80.4	62.4	45.5	31.4	21.1	10.4	0.0
70°	95.3	74.0	54.5	36.2	24.0	11.8	0.0
67.5°	113.5	85.4	63.3	42.6	26.8	13.2	0.0
65°	131.2	98.0	71.9	48.9	29.6	14.6	0.0
62.5°	148.3	111.7	80.3	55.0	32.4	15.9	0.0
60°	164.8	125.0	88.5	61.0	35.0	17.3	0.0
57.5°	183.4	137.8	98.3	66.8	38.8	18.5	0.0
55°	201.6	150.0	107.7	72.4	42.4	19.8	0.0
52.5°	218.7	161.9	116.8	77.7	45.9	21.0	0.0
50°	234.8	175.1	125.4	82.9	49.4	22.1	0.0
47.5°	250.2	187.4	133.6	88.1	52.6	23.3	0.0
45°	266.3	198.9	141.3	93.8	55.8	24.3	0.0
42.5°	281.1	209.6	148.5	99.2	58.8	25.4	0.0
40°	294.6	219.4	155.8	104.4	61.6	26.3	0.0
37.5°	306.7	228.3	163.1	109.3	64.3	27.3	0.0
35°	317.6	237.2	169.8	113.8	66.9	28.1	0.0
32.5°	328.0	245.5	175.8	118.1	69.3	28.9	0.0
30°	339.2	252.9	181.1	122.0	71.5	29.7	0.0
27.5°	348.9	259.2	186.2	125.5	73.5	30.4	0.0
25°	357.0	264.5	190.7	128.8	75.4	31.0	0.0
22.5°	363.7	269.1	194.6	131.7	77.1	31.6	0.0
20°	368.9	273.7	197.8	134.2	78.6	32.1	0.0
17.5°	373.5	277.5	200.4	136.4	79.9	32.6	0.0
15°	377.3	280.5	202.4	138.3	81.0	33.0	0.0
12.5°	379.6	282.7	203.9	139.7	81.9	33.3	0.0
10°	380.5	284.0	204.7	140.9	82.7	33.6	0.0
7.5°	380.1	284.6	205.0	141.7	83.3	33.8	0.0
5°	378.4	284.4	204.7	142.1	83.6	33.9	0.0
2.5°	375.5	283.4	204.0	142.2	83.8	34.0	0.0
0°	371.5	281.6	202.7	142.0	83.8	34.0	0.0
-2.5°	367.2	278.9	201.7	141.4	83.6	34.0	0.0
-5°	362.0	275.6	200.3	140.4	83.2	34.0	0.0
-7.5°	355.8	271.5	198.4	139.1	82.6	33.9	0.0
-10°	348.6	266.8	196.0	137.5	81.9	33.8	0.0
-12.5°	340.6	261.6	193.2	135.6	81.0	33.6	0.0
-15°	331.8	255.8	190.0	133.4	79.9	33.3	0.0
-17.5°	322.2	249.5	186.3	130.9	78.6	32.9	0.0
-20°	312.3	242.8	182.3	128.1	77.2	32.5	0.0



REPORT NUMBER: P558802 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	302.3	235.7	177.8	125.1	75.6	32.0	0.0
-25°	291.7	228.6	172.9	121.8	73.9	31.5	0.0
-27.5°	280.6	221.2	167.7	118.3	72.0	30.9	0.0
-30°	269.0	213.3	162.1	114.5	70.0	30.2	0.0
-32.5°	257.0	204.9	156.3	110.5	67.9	29.5	0.0
-35°	245.7	196.2	150.2	106.3	65.6	28.7	0.0
-37.5°	234.6	187.4	143.8	101.9	63.2	27.8	0.0
-40°	223.0	179.0	137.1	97.2	60.7	26.9	0.0
-42.5°	211.1	170.2	130.4	92.4	58.1	26.0	0.0
-45°	198.9	161.2	123.8	87.5	55.3	24.9	0.0
-47.5°	186.3	151.9	117.0	82.4	52.5	23.9	0.0
-50°	174.7	142.5	109.9	77.8	49.6	22.7	0.0
-52.5°	163.2	132.7	102.6	73.3	46.6	21.6	0.0
-55°	151.5	123.3	95.1	68.6	43.5	20.3	0.0
-57.5°	139.6	113.8	87.4	63.8	40.3	19.1	0.0
-60°	127.6	104.1	79.6	58.9	37.1	17.8	0.0
-62.5°	115.9	94.2	73.0	53.9	34.3	16.4	0.0
-65°	103.9	84.1	66.3	48.8	31.5	15.1	0.0
-67.5°	91.8	74.7	59.5	43.6	28.5	13.6	0.0
-70°	79.6	66.2	52.5	38.4	25.5	12.2	0.0
-72.5°	69.0	57.5	45.5	33.6	22.5	10.7	0.0
-75°	58.7	48.7	38.3	28.9	19.4	9.2	0.0
-77.5°	48.2	39.8	31.9	24.2	16.2	7.7	0.0
-80°	37.7	31.6	25.6	19.4	13.0	6.2	0.0
-82.5°	28.2	23.8	19.2	14.6	9.8	4.7	0.0
-85°	18.8	15.9	12.8	9.7	6.5	3.1	0.0
-87.5°	9.4	7.9	6.4	4.9	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)