

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: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558738 (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-SA2E-935-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

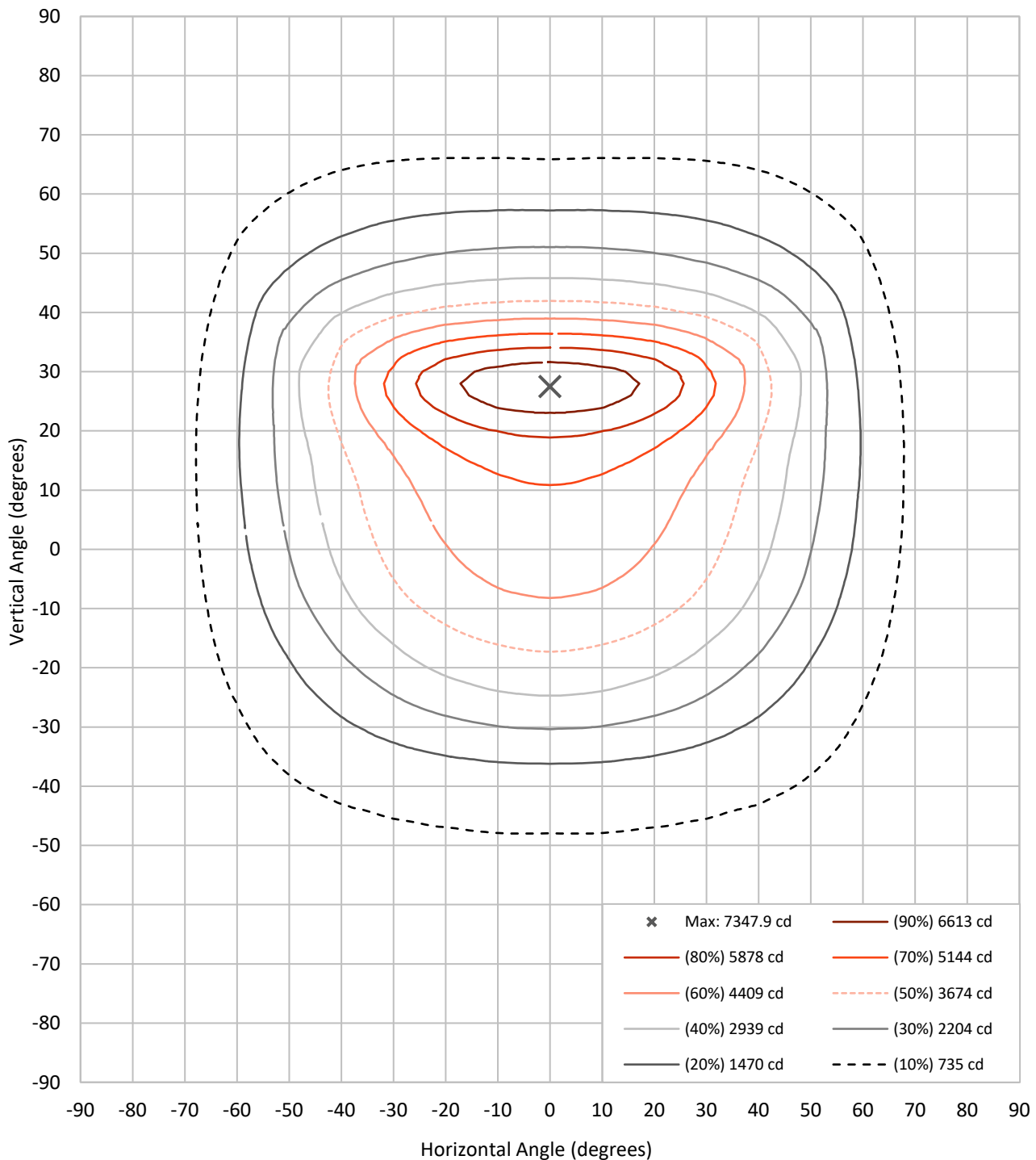
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	10712 lumens	Max Intensity:	7347.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	84.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5555.8 lumens	Field Lumens:	9909.5 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	127		
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		



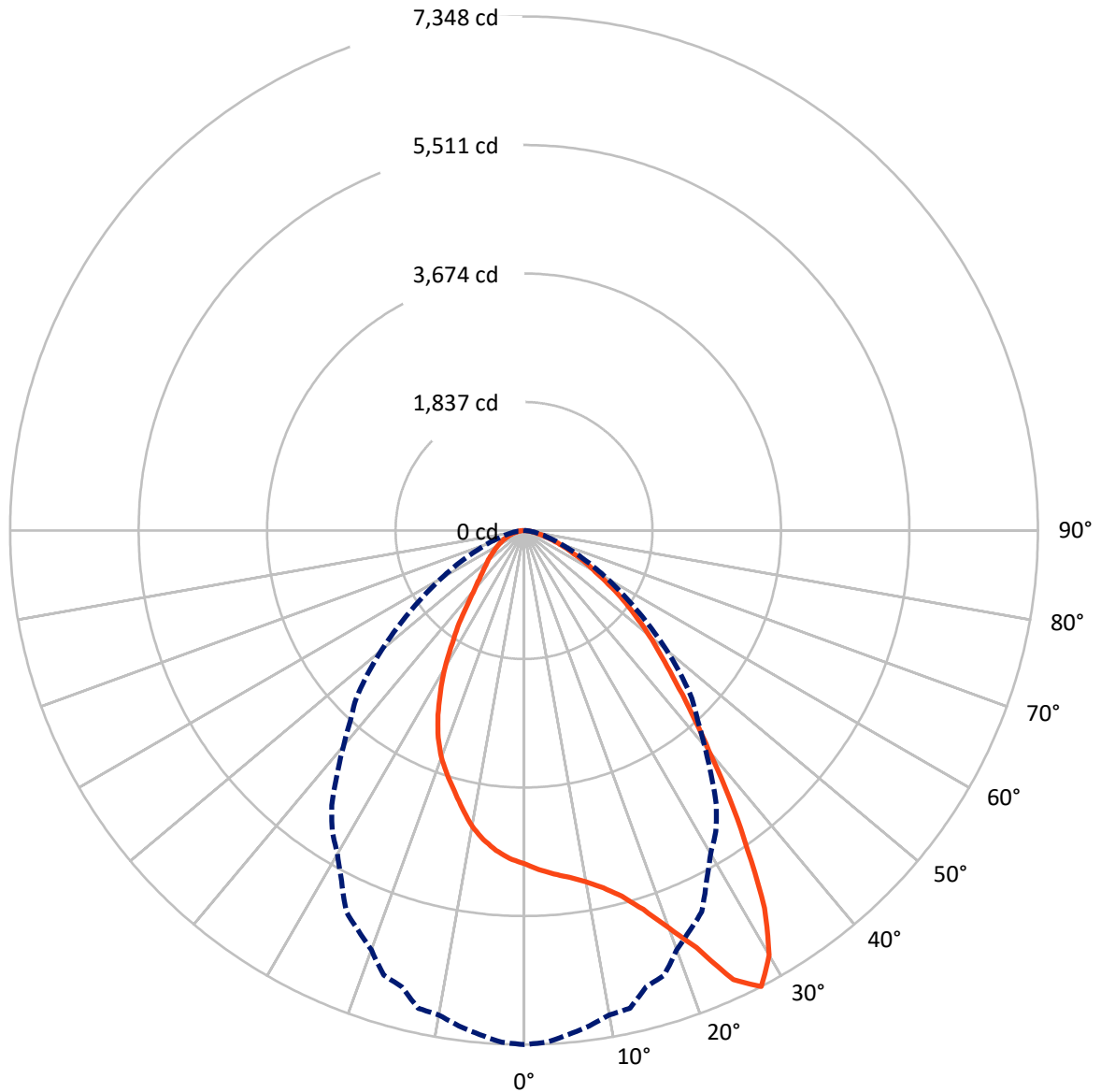
REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-935-U-WAF-XX

Iso-Candela Plot



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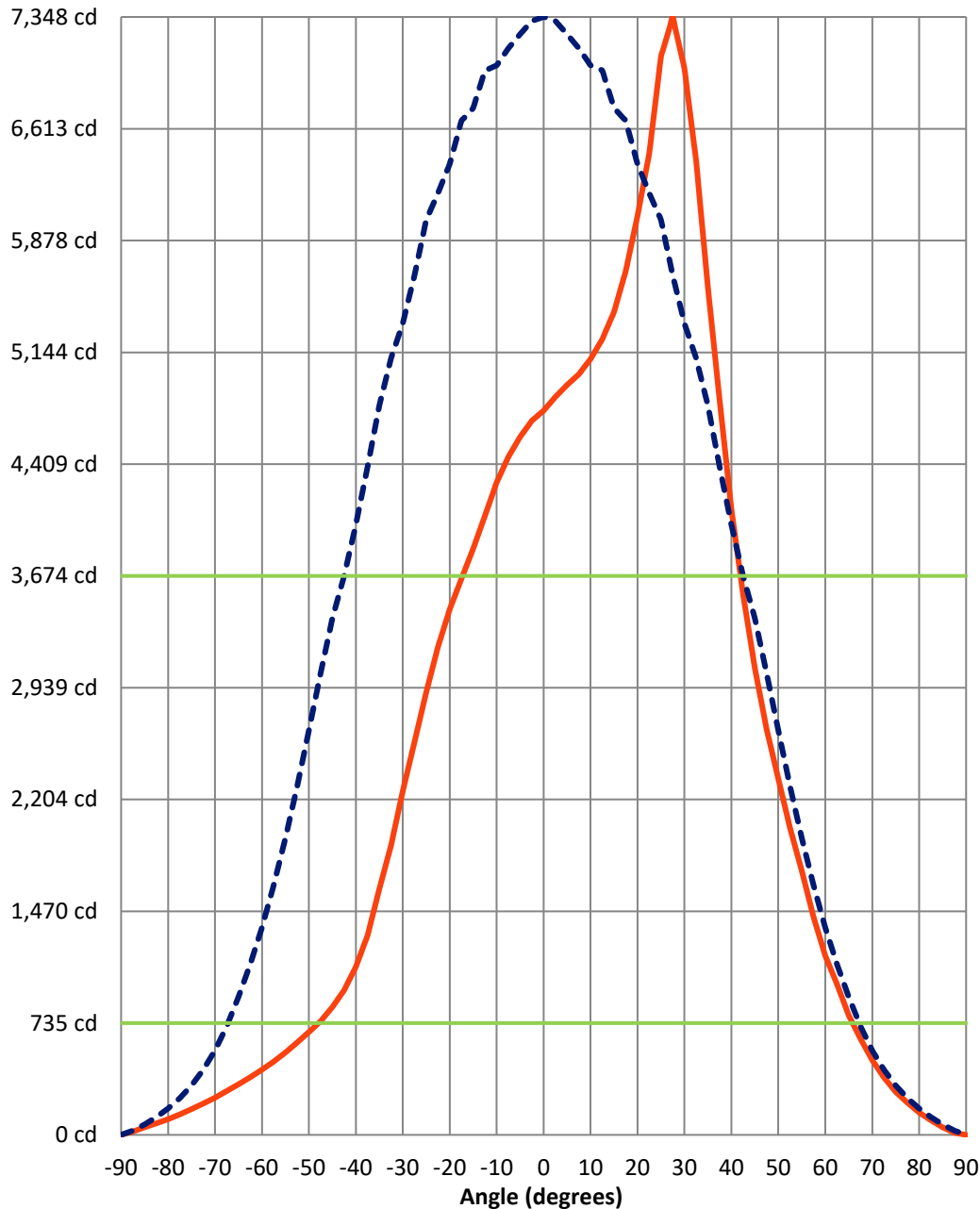
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA2E-935-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 5555.8
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 9909.5
 Efficiency: 92.5%

Spill:
 Lumens: 802.5
 Efficiency: 7.5%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.9	4.2	5.6	6.9	8.2	9.4	10.6	11.8	12.9
85°	0.0	2.8	5.7	8.5	11.2	13.8	16.3	18.8	21.2	23.5	25.8
82.5°	0.0	4.2	8.5	12.7	16.7	20.7	24.5	28.2	32.4	39.6	47.0
80°	0.0	5.6	11.4	16.9	22.3	27.5	33.3	42.6	52.3	62.4	72.9
77.5°	0.0	7.0	14.2	21.1	27.8	35.9	47.3	59.4	71.9	85.0	100.2
75°	0.0	8.3	16.9	25.2	33.8	47.0	61.2	75.9	91.9	111.9	132.5
72.5°	0.0	9.7	19.7	29.3	42.3	58.1	74.8	93.5	116.5	140.1	164.3
70°	0.0	11.0	22.4	33.7	50.7	68.9	88.6	114.4	140.7	167.9	199.7
67.5°	0.0	12.3	25.0	39.7	58.9	79.4	105.6	134.8	164.6	199.8	235.4
65°	0.0	13.6	27.6	45.5	66.9	91.2	122.1	154.8	192.1	231.1	272.3
62.5°	0.0	14.8	30.1	51.2	74.7	104.0	138.1	177.0	219.0	262.6	313.0
60°	0.0	16.1	32.6	56.8	82.3	116.4	153.4	199.7	245.2	297.4	352.4
57.5°	0.0	17.2	36.1	62.1	91.4	128.3	170.8	221.6	273.7	330.9	397.4
55°	0.0	18.4	39.5	67.3	100.3	139.6	187.7	241.9	301.8	364.8	443.5
52.5°	0.0	19.5	42.8	72.3	108.7	150.8	203.6	263.5	328.7	402.9	486.9
50°	0.0	20.6	45.9	77.1	116.8	163.0	218.6	284.0	355.9	438.6	538.8
47.5°	0.0	21.6	49.0	82.0	124.4	174.5	232.9	303.1	384.9	471.8	588.3
45°	0.0	22.6	51.9	87.3	131.6	185.2	247.9	320.7	410.1	512.0	633.9
42.5°	0.0	23.6	54.7	92.3	138.3	195.2	261.7	339.2	433.3	549.0	685.2
40°	0.0	24.5	57.4	97.1	145.1	204.3	274.2	357.8	456.6	582.2	733.3
37.5°	0.0	25.4	59.9	101.7	151.9	212.6	285.5	374.6	481.8	612.7	776.3
35°	0.0	26.2	62.2	105.9	158.1	220.9	295.6	389.7	504.0	645.0	816.9
32.5°	0.0	26.9	64.5	109.9	163.7	228.6	305.3	403.0	523.2	672.7	853.0
30°	0.0	27.6	66.5	113.5	168.7	235.4	315.8	415.4	539.4	695.8	882.9
27.5°	0.0	28.3	68.4	116.9	173.4	241.3	324.8	428.3	554.4	714.1	906.8
25°	0.0	28.9	70.1	119.9	177.6	246.2	332.4	438.8	569.1	731.1	924.7
22.5°	0.0	29.4	71.7	122.6	181.2	250.6	338.6	447.0	580.1	744.7	939.9
20°	0.0	29.9	73.1	125.0	184.2	254.8	343.4	452.9	587.6	753.6	949.8
17.5°	0.0	30.3	74.3	127.0	186.7	258.4	347.7	456.6	591.7	757.8	954.4
15°	0.0	30.7	75.4	128.7	188.5	261.1	351.2	459.1	592.5	757.5	953.7
12.5°	0.0	31.0	76.3	130.1	189.9	263.2	353.4	461.1	592.5	753.0	948.1
10°	0.0	31.2	77.0	131.2	190.7	264.4	354.3	461.2	591.5	750.7	939.5
7.5°	0.0	31.4	77.5	131.9	190.9	265.0	353.9	459.6	588.1	746.0	929.8
5°	0.0	31.5	77.8	132.3	190.7	264.8	352.3	456.3	582.2	738.0	915.6
2.5°	0.0	31.6	78.0	132.4	190.0	263.8	349.6	451.6	574.1	727.0	897.1
0°	0.0	31.6	78.0	132.2	188.8	262.2	345.9	445.3	564.0	713.2	874.8
-2.5°	0.0	31.6	77.8	131.6	187.9	259.7	341.9	438.8	554.0	697.9	852.4
-5°	0.0	31.6	77.4	130.7	186.5	256.6	337.0	430.9	542.3	680.0	827.1
-7.5°	0.0	31.5	76.9	129.5	184.7	252.8	331.2	421.9	529.0	660.0	799.2
-10°	0.0	31.4	76.2	128.0	182.5	248.5	324.6	411.8	514.2	638.1	769.2
-12.5°	0.0	31.2	75.4	126.2	179.9	243.6	317.1	400.7	498.0	614.7	739.6
-15°	0.0	30.9	74.3	124.2	176.9	238.2	308.9	388.7	481.4	591.6	709.5
-17.5°	0.0	30.6	73.2	121.9	173.5	232.3	300.0	376.7	464.9	567.3	677.9
-20°	0.0	30.2	71.8	119.3	169.7	226.1	290.7	364.5	447.4	541.9	645.0



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 CATALOG NUMBER: GFLD-SA2E-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	29.8	70.4	116.5	165.5	219.4	281.4	351.4	429.2	515.6	611.0
-25°	0.0	29.3	68.8	113.4	161.0	212.8	271.6	337.6	410.3	488.7	576.2
-27.5°	0.0	28.7	67.0	110.1	156.1	205.9	261.3	323.1	390.9	462.6	543.2
-30°	0.0	28.1	65.2	106.6	150.9	198.6	250.5	307.8	372.2	438.7	510.3
-32.5°	0.0	27.4	63.2	102.9	145.5	190.8	239.2	293.6	353.5	414.8	477.6
-35°	0.0	26.7	61.1	99.0	139.8	182.7	228.8	279.6	334.3	390.9	445.2
-37.5°	0.0	25.9	58.8	94.8	133.8	174.5	218.4	265.2	314.5	367.1	418.4
-40°	0.0	25.0	56.5	90.5	127.6	166.6	207.7	250.7	294.4	343.9	393.0
-42.5°	0.0	24.1	54.1	86.1	121.4	158.5	196.6	235.9	276.2	321.5	367.2
-45°	0.0	23.2	51.5	81.5	115.3	150.1	185.1	221.6	259.1	299.0	341.2
-47.5°	0.0	22.2	48.9	76.7	108.9	141.5	173.4	208.0	242.1	276.5	316.3
-50°	0.0	21.1	46.2	72.4	102.3	132.6	162.7	194.0	225.2	257.7	291.6
-52.5°	0.0	20.1	43.4	68.2	95.5	123.6	151.9	179.9	208.9	238.4	267.3
-55°	0.0	18.9	40.5	63.9	88.6	114.8	141.0	165.7	192.7	218.9	245.8
-57.5°	0.0	17.7	37.5	59.4	81.4	106.0	130.0	153.0	176.2	200.2	224.0
-60°	0.0	16.5	34.5	54.9	74.1	96.9	118.8	140.2	159.9	181.7	202.6
-62.5°	0.0	15.3	31.9	50.2	68.0	87.7	107.9	127.2	145.3	162.9	182.1
-65°	0.0	14.0	29.3	45.5	61.7	78.3	96.7	114.1	130.4	146.0	161.4
-67.5°	0.0	12.7	26.6	40.6	55.4	69.6	85.5	101.2	115.4	129.4	142.5
-70°	0.0	11.4	23.8	35.7	48.9	61.6	74.1	88.2	101.0	112.7	124.3
-72.5°	0.0	10.0	20.9	31.3	42.3	53.5	64.3	75.1	86.6	97.0	106.3
-75°	0.0	8.6	18.0	26.9	35.7	45.3	54.6	63.5	72.2	81.4	89.7
-77.5°	0.0	7.2	15.1	22.5	29.7	37.1	44.9	52.5	59.6	66.3	73.0
-80°	0.0	5.8	12.1	18.0	23.8	29.5	35.1	41.3	47.2	52.7	57.9
-82.5°	0.0	4.3	9.1	13.6	17.9	22.1	26.3	30.5	34.8	39.1	43.2
-85°	0.0	2.9	6.1	9.1	12.0	14.8	17.5	20.4	23.2	25.9	28.6
-87.5°	0.0	1.5	3.0	4.5	6.0	7.4	8.8	10.2	11.6	13.0	14.3
-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: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	13.6	14.1	14.6	14.9	15.5	16.0	16.4	16.8	17.1	17.3	17.5
85°	27.1	28.3	31.6	34.8	38.1	41.1	43.8	46.2	48.1	49.7	50.9
82.5°	53.0	58.7	64.1	69.1	73.7	77.9	81.8	86.4	90.0	93.1	95.6
80°	81.3	89.1	98.5	107.3	115.3	122.5	129.1	135.1	139.7	144.4	149.0
77.5°	114.3	126.9	138.5	149.3	159.7	171.8	183.0	193.3	201.3	207.3	211.8
75°	149.8	164.7	181.7	198.5	214.3	228.9	243.0	260.3	274.3	284.8	293.3
72.5°	187.7	209.1	229.8	250.0	273.2	295.8	317.7	338.9	357.5	371.2	382.2
70°	228.6	253.4	282.1	311.2	339.1	367.5	397.7	425.2	447.9	464.0	479.4
67.5°	270.4	305.2	339.2	374.2	413.8	449.8	482.8	517.6	548.3	568.5	586.1
65°	318.6	357.5	402.9	449.3	492.7	537.8	579.5	617.2	655.9	684.1	707.2
62.5°	365.1	419.9	473.5	527.7	582.3	631.3	685.8	734.4	773.3	813.5	848.0
60°	420.4	485.5	551.1	616.5	677.7	746.5	806.2	862.6	914.7	959.5	1002.0
57.5°	475.5	559.6	637.3	714.0	794.9	868.5	938.7	1001.9	1064.1	1116.0	1167.0
55°	533.5	641.7	731.4	826.2	915.1	998.3	1077.1	1156.3	1222.6	1294.2	1356.4
52.5°	597.9	721.5	837.4	941.7	1042.0	1137.9	1232.2	1327.5	1420.6	1494.8	1565.2
50°	658.0	805.4	944.8	1063.8	1179.1	1292.9	1410.8	1530.0	1632.6	1717.5	1790.7
47.5°	724.3	883.4	1060.4	1192.1	1330.4	1471.5	1614.6	1746.2	1858.0	1973.5	2054.4
45°	788.8	962.2	1154.3	1337.1	1497.1	1667.9	1825.6	1970.8	2132.8	2258.9	2367.0
42.5°	847.7	1037.0	1250.7	1483.4	1683.5	1866.8	2037.4	2241.7	2427.9	2575.2	2710.1
40°	908.3	1104.9	1338.4	1619.3	1869.3	2065.0	2272.7	2498.5	2740.7	2922.1	3083.4
37.5°	963.7	1174.5	1418.7	1723.0	2052.3	2267.4	2497.1	2742.0	3018.2	3291.0	3484.8
35°	1012.8	1233.4	1498.3	1807.3	2144.5	2463.6	2706.5	2967.4	3269.6	3623.6	3888.3
32.5°	1057.2	1281.5	1561.4	1873.2	2215.2	2589.4	2897.5	3165.3	3468.6	3833.8	4283.3
30°	1093.5	1328.0	1608.5	1920.7	2263.7	2636.4	3027.8	3319.5	3607.3	3965.8	4384.1
27.5°	1121.0	1362.2	1640.8	1950.4	2289.7	2658.3	3034.7	3394.6	3673.3	4010.5	4391.0
25°	1142.1	1390.2	1658.0	1961.4	2293.5	2648.7	3010.9	3351.5	3664.3	3961.6	4303.0
22.5°	1159.6	1409.5	1676.8	1954.0	2276.2	2614.5	2955.3	3280.0	3582.7	3861.1	4154.8
20°	1172.7	1421.8	1686.3	1961.3	2247.2	2559.1	2885.0	3194.0	3486.5	3756.0	3995.0
17.5°	1178.6	1425.5	1686.3	1959.9	2242.3	2515.2	2798.9	3095.9	3383.4	3651.2	3887.4
15°	1177.5	1420.7	1677.0	1949.5	2227.6	2497.9	2759.3	3004.3	3272.1	3542.8	3778.1
12.5°	1169.7	1407.8	1658.8	1929.9	2203.7	2470.8	2727.4	2973.5	3213.6	3440.3	3665.3
10°	1155.5	1387.3	1632.0	1901.5	2170.7	2433.8	2687.2	2934.1	3171.6	3394.2	3603.7
7.5°	1141.0	1364.3	1599.7	1864.1	2128.6	2387.1	2638.1	2885.5	3118.4	3340.5	3552.1
5°	1121.7	1339.9	1575.1	1828.4	2083.3	2335.5	2581.2	2827.3	3054.1	3278.2	3490.6
2.5°	1097.3	1309.7	1544.1	1785.1	2032.7	2282.2	2519.6	2761.1	2993.7	3209.0	3418.3
0°	1068.1	1273.8	1506.7	1733.8	1973.5	2219.9	2448.2	2684.4	2926.3	3129.7	3334.3
-2.5°	1036.3	1230.9	1452.1	1678.1	1909.7	2151.4	2385.4	2609.4	2845.9	3051.6	3260.5
-5°	1000.6	1183.5	1391.8	1615.2	1838.5	2074.0	2312.5	2525.3	2751.4	2954.8	3160.2
-7.5°	961.7	1132.3	1326.5	1544.6	1757.3	1979.5	2205.3	2410.1	2629.8	2831.0	3031.1
-10°	920.5	1081.8	1263.1	1464.8	1665.3	1872.4	2084.5	2285.1	2496.3	2696.7	2889.3
-12.5°	881.1	1032.0	1197.7	1381.1	1568.2	1759.6	1956.9	2150.5	2350.9	2552.2	2732.3
-15°	839.8	979.7	1130.2	1294.6	1466.9	1642.0	1823.2	2006.5	2194.5	2391.5	2557.8
-17.5°	797.0	925.4	1061.3	1206.2	1362.0	1520.6	1687.1	1864.0	2036.1	2215.5	2376.4
-20°	753.3	869.4	991.8	1116.7	1255.1	1407.2	1563.0	1721.7	1878.1	2034.3	2185.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	708.9	812.2	923.6	1033.5	1165.2	1302.5	1439.2	1577.0	1717.3	1851.8	1994.7
-25°	666.1	759.2	857.6	964.3	1077.4	1198.4	1315.9	1432.3	1556.7	1682.8	1805.9
-27.5°	624.8	706.9	799.8	895.1	989.2	1097.0	1199.8	1298.5	1407.0	1518.3	1617.6
-30°	583.4	661.4	742.8	827.3	910.1	1000.1	1088.9	1175.5	1264.0	1359.2	1445.3
-32.5°	545.0	616.3	690.3	764.4	834.7	904.4	986.6	1063.5	1135.9	1203.7	1278.9
-35°	510.0	575.2	639.6	703.5	761.4	822.7	891.4	956.2	1014.3	1068.8	1126.2
-37.5°	476.9	535.0	589.2	646.3	697.8	750.3	800.8	856.9	904.0	947.5	994.7
-40°	443.7	495.6	544.5	592.2	639.4	683.3	726.4	764.5	802.4	844.3	876.7
-42.5°	411.1	459.3	502.9	539.6	584.1	621.9	655.4	687.0	718.0	750.6	776.6
-45°	382.2	423.3	463.1	498.2	531.6	563.8	592.3	617.1	646.4	669.0	688.6
-47.5°	353.1	388.8	425.2	457.5	485.4	511.6	532.8	557.7	581.7	601.1	612.6
-50°	324.5	357.1	387.9	418.0	443.3	464.4	482.6	503.1	523.1	539.6	550.5
-52.5°	298.1	325.3	353.9	379.6	402.8	421.7	439.1	456.9	471.6	482.9	497.2
-55°	272.0	297.1	320.9	344.0	363.9	381.2	398.2	414.1	426.6	436.4	448.2
-57.5°	247.5	270.1	291.0	310.3	328.2	343.0	359.6	373.1	384.8	394.0	406.2
-60°	223.6	243.9	262.8	279.7	294.4	309.0	322.5	335.0	345.1	354.2	365.4
-62.5°	199.9	218.2	235.3	250.8	264.1	276.2	288.4	299.0	307.5	316.9	326.2
-65°	177.7	193.1	208.1	222.2	234.8	246.3	256.4	265.0	273.0	281.3	288.8
-67.5°	155.6	170.0	182.5	193.7	205.4	216.5	225.8	233.7	240.5	247.3	253.5
-70°	135.8	147.2	158.7	168.8	177.6	186.9	196.0	203.4	209.4	214.8	219.8
-72.5°	116.3	126.4	135.9	144.6	152.6	160.1	167.2	173.9	179.5	183.7	187.4
-75°	97.8	105.6	113.8	121.4	128.0	133.8	139.2	144.6	149.2	152.7	155.7
-77.5°	80.0	86.6	92.9	98.8	103.5	108.1	112.3	116.2	119.7	122.5	124.5
-80°	62.8	67.6	72.7	77.5	81.2	84.2	86.9	89.2	91.8	94.4	96.8
-82.5°	46.8	50.2	53.6	56.8	59.4	61.5	63.4	65.2	67.0	68.7	70.2
-85°	30.8	32.7	34.8	36.8	38.7	40.4	41.9	43.1	44.2	45.0	45.7
-87.5°	15.4	16.4	17.3	18.1	19.1	20.0	20.8	21.6	22.1	22.5	22.9
-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: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	17.6	17.7	17.6	17.5	17.4	16.7	15.9	15.1	14.2	14.6	15.0
85°	51.8	52.0	51.8	51.3	50.5	50.4	50.3	49.9	49.5	50.2	50.9
82.5°	97.5	98.2	98.3	97.9	96.9	97.3	97.5	97.3	96.7	97.4	97.8
80°	152.4	153.8	153.9	152.9	150.8	151.1	151.2	150.8	149.8	150.1	150.0
77.5°	217.1	220.4	221.6	221.1	219.1	218.5	217.0	214.0	209.7	209.6	209.7
75°	299.7	303.1	304.9	304.7	302.8	301.4	299.5	296.1	291.3	291.1	291.1
72.5°	390.8	395.8	398.0	400.1	400.1	399.3	396.9	391.8	384.3	383.4	384.3
70°	491.3	499.8	505.2	509.3	512.6	513.3	511.7	507.6	501.0	499.3	498.8
67.5°	603.4	616.9	627.2	634.0	640.4	645.1	646.8	644.9	639.6	637.9	638.6
65°	728.9	749.8	767.1	780.0	788.7	794.8	800.1	803.3	804.1	806.0	808.5
62.5°	875.6	901.3	925.3	941.6	950.0	956.0	973.2	983.1	986.0	986.6	990.4
60°	1039.5	1071.9	1101.8	1125.8	1145.2	1159.9	1174.6	1184.3	1188.0	1188.7	1193.9
57.5°	1218.6	1259.3	1294.3	1331.6	1357.5	1372.5	1392.1	1412.3	1422.9	1425.9	1438.3
55°	1416.8	1472.3	1517.8	1557.6	1593.8	1625.7	1652.6	1673.5	1688.9	1698.1	1714.6
52.5°	1635.9	1701.2	1748.7	1795.5	1847.4	1884.0	1908.0	1946.5	1974.4	1989.7	2009.3
50°	1876.5	1949.3	2014.0	2063.0	2123.5	2173.5	2210.0	2246.5	2272.0	2286.6	2305.6
47.5°	2150.4	2240.0	2315.1	2360.5	2430.7	2489.7	2513.5	2541.0	2589.1	2612.2	2632.4
45°	2458.8	2573.1	2656.5	2727.6	2787.9	2854.1	2897.4	2928.6	2976.0	2999.7	3014.7
42.5°	2825.7	2952.8	3062.8	3148.1	3198.8	3284.6	3347.2	3364.8	3431.9	3477.3	3490.7
40°	3237.2	3378.1	3523.2	3620.4	3702.1	3789.2	3892.5	3950.0	4006.6	4051.2	4061.3
37.5°	3666.0	3854.7	4020.2	4145.8	4280.8	4409.4	4518.8	4578.4	4615.6	4700.9	4732.7
35°	4102.0	4296.7	4528.5	4723.7	4887.4	5046.0	5170.8	5269.1	5362.6	5439.5	5485.5
32.5°	4473.2	4682.7	4969.1	5261.2	5437.9	5609.7	5814.7	5927.2	6052.0	6153.2	6227.1
30°	4778.3	4977.5	5238.1	5604.8	5846.7	6020.8	6280.3	6435.8	6571.8	6743.2	6802.9
27.5°	4792.7	5104.0	5334.5	5650.3	6013.3	6190.1	6382.1	6664.7	6750.4	6995.0	7030.2
25°	4666.9	4993.8	5230.6	5494.2	5796.1	6011.1	6186.5	6421.5	6544.5	6701.8	6822.6
22.5°	4470.2	4758.2	4999.8	5223.4	5458.9	5654.7	5815.0	5980.2	6115.3	6237.2	6350.6
20°	4252.9	4526.3	4755.4	4947.6	5134.3	5315.8	5460.0	5598.7	5715.5	5820.3	5884.8
17.5°	4099.8	4296.5	4530.7	4727.6	4889.4	5031.9	5181.0	5297.2	5399.6	5493.9	5552.8
15°	3995.4	4182.4	4349.1	4529.8	4700.3	4836.1	4948.4	5068.3	5156.8	5238.0	5301.8
12.5°	3886.9	4079.6	4254.1	4404.5	4538.0	4686.4	4806.4	4900.7	4993.6	5057.3	5122.9
10°	3796.3	3976.7	4157.6	4316.5	4457.0	4579.2	4692.8	4798.5	4881.9	4953.4	5005.0
7.5°	3743.7	3920.6	4083.2	4235.7	4372.6	4502.8	4620.0	4716.9	4799.6	4873.5	4927.7
5°	3682.7	3857.8	4020.2	4176.0	4307.5	4432.6	4549.4	4649.1	4734.6	4800.5	4852.3
2.5°	3612.8	3785.6	3947.5	4105.9	4237.4	4358.1	4468.5	4565.8	4654.8	4717.6	4761.7
0°	3533.2	3706.2	3864.4	4013.6	4145.8	4275.8	4377.6	4475.9	4562.9	4625.1	4669.2
-2.5°	3452.9	3624.8	3788.6	3931.5	4062.8	4182.8	4291.1	4383.9	4467.0	4528.9	4567.6
-5°	3346.2	3516.9	3678.6	3822.7	3959.8	4080.3	4185.5	4280.0	4360.0	4427.5	4480.0
-7.5°	3216.9	3389.6	3551.1	3698.2	3834.7	3948.5	4049.5	4144.7	4230.2	4303.9	4368.5
-10°	3074.7	3245.6	3398.1	3535.9	3663.1	3778.8	3886.3	3980.3	4058.7	4130.8	4185.2
-12.5°	2909.2	3067.4	3216.6	3352.4	3476.7	3592.6	3694.9	3784.4	3863.2	3927.3	3976.3
-15°	2726.5	2876.6	3018.0	3156.8	3287.0	3401.1	3491.1	3585.4	3653.8	3715.8	3760.0
-17.5°	2531.1	2676.2	2824.9	2964.1	3084.2	3196.7	3295.8	3382.0	3453.7	3510.7	3560.5
-20°	2333.0	2480.9	2623.9	2756.5	2872.1	2976.4	3076.7	3159.5	3233.1	3295.0	3353.4



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	2134.1	2269.7	2404.0	2533.7	2643.0	2741.7	2829.4	2908.7	2973.6	3046.6	3098.2
-25°	1929.7	2048.6	2169.8	2284.4	2387.7	2484.7	2564.3	2633.7	2701.4	2771.9	2822.2
-27.5°	1724.3	1829.4	1928.0	2029.3	2119.8	2203.8	2277.7	2338.5	2404.2	2451.3	2506.5
-30°	1521.2	1616.6	1698.8	1769.3	1854.4	1926.5	1983.9	2044.4	2098.6	2143.6	2190.2
-32.5°	1349.3	1414.5	1480.1	1539.1	1595.7	1655.0	1701.3	1754.0	1791.2	1830.0	1867.6
-35°	1184.0	1234.2	1277.9	1333.0	1375.4	1407.7	1446.4	1485.0	1499.9	1542.0	1564.5
-37.5°	1034.4	1067.3	1108.0	1146.5	1177.9	1202.0	1236.4	1256.7	1267.4	1294.6	1309.2
-40°	906.3	927.1	965.0	991.3	1010.2	1027.8	1056.3	1069.5	1084.1	1097.6	1098.0
-42.5°	793.6	820.4	846.1	866.7	878.7	898.6	912.1	913.6	932.5	944.6	946.4
-45°	701.5	728.6	749.0	764.2	776.1	793.3	802.0	806.8	822.2	830.4	834.0
-47.5°	630.6	649.6	667.3	679.0	694.6	707.4	713.7	721.9	733.7	741.2	746.5
-50°	568.4	583.5	596.9	607.6	623.2	634.5	640.6	650.5	659.4	664.8	669.1
-52.5°	513.6	527.1	536.5	546.8	559.8	569.8	577.6	587.4	594.7	599.5	603.3
-55°	462.4	475.1	484.2	495.5	504.7	511.4	518.0	527.7	534.9	539.7	542.9
-57.5°	417.2	426.7	435.6	445.9	454.7	462.0	467.9	473.2	478.0	482.0	485.1
-60°	374.9	382.6	390.8	398.8	405.5	410.7	417.0	421.9	424.9	426.8	429.4
-62.5°	334.1	341.1	348.3	354.8	360.1	364.5	369.6	373.6	376.4	378.4	379.9
-65°	295.4	301.4	307.5	312.9	317.5	321.4	324.9	327.7	329.7	331.4	332.7
-67.5°	259.2	263.9	268.2	271.9	275.4	278.6	281.8	284.0	285.2	286.5	287.9
-70°	224.3	228.0	230.9	233.1	235.2	237.7	240.8	242.9	244.1	245.5	246.7
-72.5°	190.5	193.3	195.6	197.4	198.5	200.2	202.3	204.1	205.4	206.4	206.8
-75°	158.0	160.2	162.3	163.7	164.6	165.7	166.8	167.4	167.5	168.0	168.2
-77.5°	126.2	128.4	130.3	131.7	132.5	133.5	134.3	134.7	134.8	134.8	134.6
-80°	98.5	100.0	101.3	102.2	102.9	103.5	103.9	104.0	103.8	104.0	104.1
-82.5°	71.5	72.9	74.0	74.8	75.4	76.1	76.6	77.0	77.2	77.3	77.3
-85°	46.3	46.9	47.5	48.1	48.6	48.9	49.1	49.1	49.0	49.0	48.9
-87.5°	23.2	22.9	22.5	22.0	21.5	21.6	21.8	21.8	21.8	22.1	22.3
-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: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	15.4	15.7	14.7	13.6	14.7	15.7	15.4	15.0	14.6	14.2	15.1
85°	51.4	51.7	50.8	49.7	50.8	51.7	51.4	50.9	50.2	49.5	49.9
82.5°	98.0	97.8	97.1	96.1	97.1	97.8	98.0	97.8	97.4	96.7	97.3
80°	149.5	148.5	147.9	146.9	147.9	148.5	149.5	150.0	150.1	149.8	150.8
77.5°	209.2	208.1	209.9	211.4	209.9	208.1	209.2	209.7	209.6	209.7	214.0
75°	290.0	287.8	285.7	282.6	285.7	287.8	290.0	291.1	291.1	291.3	296.1
72.5°	383.9	382.2	380.4	377.5	380.4	382.2	383.9	384.3	383.4	384.3	391.8
70°	495.8	490.5	491.4	491.7	491.4	490.5	495.8	498.8	499.3	501.0	507.6
67.5°	636.5	631.8	632.4	631.8	632.4	631.8	636.5	638.6	637.9	639.6	644.9
65°	807.0	801.6	795.1	785.5	795.1	801.6	807.0	808.5	806.0	804.1	803.3
62.5°	989.9	985.2	987.9	990.1	987.9	985.2	989.9	990.4	986.6	986.0	983.1
60°	1193.1	1186.4	1183.1	1177.7	1183.1	1186.4	1193.1	1193.9	1188.7	1188.0	1184.3
57.5°	1444.0	1442.8	1439.9	1432.1	1439.9	1442.8	1444.0	1438.3	1425.9	1422.9	1412.3
55°	1722.3	1720.7	1727.1	1735.0	1727.1	1720.7	1722.3	1714.6	1698.1	1688.9	1673.5
52.5°	2023.8	2028.9	2027.1	2016.4	2027.1	2028.9	2023.8	2009.3	1989.7	1974.4	1946.5
50°	2322.3	2328.0	2334.1	2339.7	2334.1	2328.0	2322.3	2305.6	2286.6	2272.0	2246.5
47.5°	2660.5	2675.5	2678.1	2667.4	2678.1	2675.5	2660.5	2632.4	2612.2	2589.1	2541.0
45°	3044.7	3053.8	3058.4	3067.6	3058.4	3053.8	3044.7	3014.7	2999.7	2976.0	2928.6
42.5°	3529.2	3539.8	3541.4	3551.3	3541.4	3539.8	3529.2	3490.7	3477.3	3431.9	3364.8
40°	4104.4	4121.4	4118.5	4114.2	4118.5	4121.4	4104.4	4061.3	4051.2	4006.6	3950.0
37.5°	4777.6	4806.5	4809.6	4827.4	4809.6	4806.5	4777.6	4732.7	4700.9	4615.6	4578.4
35°	5533.1	5567.1	5561.2	5570.0	5561.2	5567.1	5533.1	5485.5	5439.5	5362.6	5269.1
32.5°	6295.1	6346.3	6356.6	6399.6	6356.6	6346.3	6295.1	6227.1	6153.2	6052.0	5927.2
30°	6893.9	6965.6	7012.4	7008.8	7012.4	6965.6	6893.9	6802.9	6743.2	6571.8	6435.8
27.5°	7142.0	7234.8	7321.7	7347.9	7321.7	7234.8	7142.0	7030.2	6995.0	6750.4	6664.7
25°	6900.0	6967.8	7044.6	7085.7	7044.6	6967.8	6900.0	6822.6	6701.8	6544.5	6421.5
22.5°	6402.7	6446.8	6473.0	6451.6	6473.0	6446.8	6402.7	6350.6	6237.2	6115.3	5980.2
20°	5951.5	6007.3	6017.7	6040.2	6017.7	6007.3	5951.5	5884.8	5820.3	5715.5	5598.7
17.5°	5615.6	5652.2	5673.6	5678.5	5673.6	5652.2	5615.6	5552.8	5493.9	5399.6	5297.2
15°	5352.4	5381.7	5400.9	5409.5	5400.9	5381.7	5352.4	5301.8	5238.0	5156.8	5068.3
12.5°	5165.9	5201.6	5219.1	5229.8	5219.1	5201.6	5165.9	5122.9	5057.3	4993.6	4900.7
10°	5046.3	5080.8	5094.7	5099.8	5094.7	5080.8	5046.3	5005.0	4953.4	4881.9	4798.5
7.5°	4960.4	4982.5	4991.9	4999.2	4991.9	4982.5	4960.4	4927.7	4873.5	4799.6	4716.9
5°	4891.1	4908.8	4918.7	4929.1	4918.7	4908.8	4891.1	4852.3	4800.5	4734.6	4649.1
2.5°	4796.8	4822.0	4839.4	4850.0	4839.4	4822.0	4796.8	4761.7	4717.6	4654.8	4565.8
0°	4704.2	4727.9	4740.4	4760.7	4740.4	4727.9	4704.2	4669.2	4625.1	4562.9	4475.9
-2.5°	4602.3	4629.8	4662.5	4694.0	4662.5	4629.8	4602.3	4567.6	4528.9	4467.0	4383.9
-5°	4524.5	4560.8	4567.6	4587.8	4567.6	4560.8	4524.5	4480.0	4427.5	4360.0	4280.0
-7.5°	4406.9	4423.5	4451.6	4456.7	4451.6	4423.5	4406.9	4368.5	4303.9	4230.2	4144.7
-10°	4225.9	4252.8	4270.3	4288.3	4270.3	4252.8	4225.9	4185.2	4130.8	4058.7	3980.3
-12.5°	4013.1	4044.7	4073.0	4069.0	4073.0	4044.7	4013.1	3976.3	3927.3	3863.2	3784.4
-15°	3805.7	3836.3	3855.7	3853.1	3855.7	3836.3	3805.7	3760.0	3715.8	3653.8	3585.4
-17.5°	3600.0	3627.9	3656.0	3655.3	3656.0	3627.9	3600.0	3560.5	3510.7	3453.7	3382.0
-20°	3387.5	3411.4	3441.5	3454.1	3441.5	3411.4	3387.5	3353.4	3295.0	3233.1	3159.5



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	3141.9	3172.4	3194.2	3207.7	3194.2	3172.4	3141.9	3098.2	3046.6	2973.6	2908.7
-25°	2855.5	2886.9	2903.4	2909.3	2903.4	2886.9	2855.5	2822.2	2771.9	2701.4	2633.7
-27.5°	2539.1	2574.3	2591.4	2582.7	2591.4	2574.3	2539.1	2506.5	2451.3	2404.2	2338.5
-30°	2214.7	2237.2	2239.8	2259.4	2239.8	2237.2	2214.7	2190.2	2143.6	2098.6	2044.4
-32.5°	1894.5	1909.6	1901.0	1902.3	1901.0	1909.6	1894.5	1867.6	1830.0	1791.2	1754.0
-35°	1578.4	1590.5	1592.9	1615.2	1592.9	1590.5	1578.4	1564.5	1542.0	1499.9	1485.0
-37.5°	1324.4	1329.2	1321.8	1311.1	1321.8	1329.2	1324.4	1309.2	1294.6	1267.4	1256.7
-40°	1108.8	1112.6	1109.8	1104.3	1109.8	1112.6	1108.8	1098.0	1097.6	1084.1	1069.5
-42.5°	953.8	953.8	951.3	950.6	951.3	953.8	953.8	946.4	944.6	932.5	913.6
-45°	839.2	840.4	840.2	839.8	840.2	840.4	839.2	834.0	830.4	822.2	806.8
-47.5°	750.4	750.6	749.4	747.1	749.4	750.6	750.4	746.5	741.2	733.7	721.9
-50°	671.7	671.6	673.2	675.9	673.2	671.6	671.7	669.1	664.8	659.4	650.5
-52.5°	605.2	605.1	605.9	607.0	605.9	605.1	605.2	603.3	599.5	594.7	587.4
-55°	544.4	544.0	543.2	541.4	543.2	544.0	544.4	542.9	539.7	534.9	527.7
-57.5°	486.2	485.5	484.1	481.5	484.1	485.5	486.2	485.1	482.0	478.0	473.2
-60°	430.8	431.1	430.4	428.4	430.4	431.1	430.8	429.4	426.8	424.9	421.9
-62.5°	380.3	379.5	379.4	378.6	379.4	379.5	380.3	379.9	378.4	376.4	373.6
-65°	333.0	332.2	332.5	332.3	332.5	332.2	333.0	332.7	331.4	329.7	327.7
-67.5°	288.5	288.3	288.5	288.2	288.5	288.3	288.5	287.9	286.5	285.2	284.0
-70°	247.4	247.6	246.2	244.1	246.2	247.6	247.4	246.7	245.5	244.1	242.9
-72.5°	206.7	205.9	206.0	205.7	206.0	205.9	206.7	206.8	206.4	205.4	204.1
-75°	168.2	167.7	168.7	169.5	168.7	167.7	168.2	168.2	168.0	167.5	167.4
-77.5°	133.9	132.9	133.8	134.5	133.8	132.9	133.9	134.6	134.8	134.8	134.7
-80°	104.0	103.6	103.4	102.9	103.4	103.6	104.0	104.1	104.0	103.8	104.0
-82.5°	77.0	76.6	76.2	75.7	76.2	76.6	77.0	77.3	77.3	77.2	77.0
-85°	48.7	48.4	49.1	49.7	49.1	48.4	48.7	48.9	49.0	49.0	49.1
-87.5°	22.4	22.5	22.0	21.5	22.0	22.5	22.4	22.3	22.1	21.8	21.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	15.9	16.7	17.4	17.5	17.6	17.7	17.6	17.5	17.3	17.1	16.8
85°	50.3	50.4	50.5	51.3	51.8	52.0	51.8	50.9	49.7	48.1	46.2
82.5°	97.5	97.3	96.9	97.9	98.3	98.2	97.5	95.6	93.1	90.0	86.4
80°	151.2	151.1	150.8	152.9	153.9	153.8	152.4	149.0	144.4	139.7	135.1
77.5°	217.0	218.5	219.1	221.1	221.6	220.4	217.1	211.8	207.3	201.3	193.3
75°	299.5	301.4	302.8	304.7	304.9	303.1	299.7	293.3	284.8	274.3	260.3
72.5°	396.9	399.3	400.1	400.1	398.0	395.8	390.8	382.2	371.2	357.5	338.9
70°	511.7	513.3	512.6	509.3	505.2	499.8	491.3	479.4	464.0	447.9	425.2
67.5°	646.8	645.1	640.4	634.0	627.2	616.9	603.4	586.1	568.5	548.3	517.6
65°	800.1	794.8	788.7	780.0	767.1	749.8	728.9	707.2	684.1	655.9	617.2
62.5°	973.2	956.0	950.0	941.6	925.3	901.3	875.6	848.0	813.5	773.3	734.4
60°	1174.6	1159.9	1145.2	1125.8	1101.8	1071.9	1039.5	1002.0	959.5	914.7	862.6
57.5°	1392.1	1372.5	1357.5	1331.6	1294.3	1259.3	1218.6	1167.0	1116.0	1064.1	1001.9
55°	1652.6	1625.7	1593.8	1557.6	1517.8	1472.3	1416.8	1356.4	1294.2	1222.6	1156.3
52.5°	1908.0	1884.0	1847.4	1795.5	1748.7	1701.2	1635.9	1565.2	1494.8	1420.6	1327.5
50°	2210.0	2173.5	2123.5	2063.0	2014.0	1949.3	1876.5	1790.7	1717.5	1632.6	1530.0
47.5°	2513.5	2489.7	2430.7	2360.5	2315.1	2240.0	2150.4	2054.4	1973.5	1858.0	1746.2
45°	2897.4	2854.1	2787.9	2727.6	2656.5	2573.1	2458.8	2367.0	2258.9	2132.8	1970.8
42.5°	3347.2	3284.6	3198.8	3148.1	3062.8	2952.8	2825.7	2710.1	2575.2	2427.9	2241.7
40°	3892.5	3789.2	3702.1	3620.4	3523.2	3378.1	3237.2	3083.4	2922.1	2740.7	2498.5
37.5°	4518.8	4409.4	4280.8	4145.8	4020.2	3854.7	3666.0	3484.8	3291.0	3018.2	2742.0
35°	5170.8	5046.0	4887.4	4723.7	4528.5	4296.7	4102.0	3888.3	3623.6	3269.6	2967.4
32.5°	5814.7	5609.7	5437.9	5261.2	4969.1	4682.7	4473.2	4283.3	3833.8	3468.6	3165.3
30°	6280.3	6020.8	5846.7	5604.8	5238.1	4977.5	4778.3	4384.1	3965.8	3607.3	3319.5
27.5°	6382.1	6190.1	6013.3	5650.3	5334.5	5104.0	4792.7	4391.0	4010.5	3673.3	3394.6
25°	6186.5	6011.1	5796.1	5494.2	5230.6	4993.8	4666.9	4303.0	3961.6	3664.3	3351.5
22.5°	5815.0	5654.7	5458.9	5223.4	4999.8	4758.2	4470.2	4154.8	3861.1	3582.7	3280.0
20°	5460.0	5315.8	5134.3	4947.6	4755.4	4526.3	4252.9	3995.0	3756.0	3486.5	3194.0
17.5°	5181.0	5031.9	4889.4	4727.6	4530.7	4296.5	4099.8	3887.4	3651.2	3383.4	3095.9
15°	4948.4	4836.1	4700.3	4529.8	4349.1	4182.4	3995.4	3778.1	3542.8	3272.1	3004.3
12.5°	4806.4	4686.4	4538.0	4404.5	4254.1	4079.6	3886.9	3665.3	3440.3	3213.6	2973.5
10°	4692.8	4579.2	4457.0	4316.5	4157.6	3976.7	3796.3	3603.7	3394.2	3171.6	2934.1
7.5°	4620.0	4502.8	4372.6	4235.7	4083.2	3920.6	3743.7	3552.1	3340.5	3118.4	2885.5
5°	4549.4	4432.6	4307.5	4176.0	4020.2	3857.8	3682.7	3490.6	3278.2	3054.1	2827.3
2.5°	4468.5	4358.1	4237.4	4105.9	3947.5	3785.6	3612.8	3418.3	3209.0	2993.7	2761.1
0°	4377.6	4275.8	4145.8	4013.6	3864.4	3706.2	3533.2	3334.3	3129.7	2926.3	2684.4
-2.5°	4291.1	4182.8	4062.8	3931.5	3788.6	3624.8	3452.9	3260.5	3051.6	2845.9	2609.4
-5°	4185.5	4080.3	3959.8	3822.7	3678.6	3516.9	3346.2	3160.2	2954.8	2751.4	2525.3
-7.5°	4049.5	3948.5	3834.7	3698.2	3551.1	3389.6	3216.9	3031.1	2831.0	2629.8	2410.1
-10°	3886.3	3778.8	3663.1	3535.9	3398.1	3245.6	3074.7	2889.3	2696.7	2496.3	2285.1
-12.5°	3694.9	3592.6	3476.7	3352.4	3216.6	3067.4	2909.2	2732.3	2552.2	2350.9	2150.5
-15°	3491.1	3401.1	3287.0	3156.8	3018.0	2876.6	2726.5	2557.8	2391.5	2194.5	2006.5
-17.5°	3295.8	3196.7	3084.2	2964.1	2824.9	2676.2	2531.1	2376.4	2215.5	2036.1	1864.0
-20°	3076.7	2976.4	2872.1	2756.5	2623.9	2480.9	2333.0	2185.4	2034.3	1878.1	1721.7



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	2829.4	2741.7	2643.0	2533.7	2404.0	2269.7	2134.1	1994.7	1851.8	1717.3	1577.0
-25°	2564.3	2484.7	2387.7	2284.4	2169.8	2048.6	1929.7	1805.9	1682.8	1556.7	1432.3
-27.5°	2277.7	2203.8	2119.8	2029.3	1928.0	1829.4	1724.3	1617.6	1518.3	1407.0	1298.5
-30°	1983.9	1926.5	1854.4	1769.3	1698.8	1616.6	1521.2	1445.3	1359.2	1264.0	1175.5
-32.5°	1701.3	1655.0	1595.7	1539.1	1480.1	1414.5	1349.3	1278.9	1203.7	1135.9	1063.5
-35°	1446.4	1407.7	1375.4	1333.0	1277.9	1234.2	1184.0	1126.2	1068.8	1014.3	956.2
-37.5°	1236.4	1202.0	1177.9	1146.5	1108.0	1067.3	1034.4	994.7	947.5	904.0	856.9
-40°	1056.3	1027.8	1010.2	991.3	965.0	927.1	906.3	876.7	844.3	802.4	764.5
-42.5°	912.1	898.6	878.7	866.7	846.1	820.4	793.6	776.6	750.6	718.0	687.0
-45°	802.0	793.3	776.1	764.2	749.0	728.6	701.5	688.6	669.0	646.4	617.1
-47.5°	713.7	707.4	694.6	679.0	667.3	649.6	630.6	612.6	601.1	581.7	557.7
-50°	640.6	634.5	623.2	607.6	596.9	583.5	568.4	550.5	539.6	523.1	503.1
-52.5°	577.6	569.8	559.8	546.8	536.5	527.1	513.6	497.2	482.9	471.6	456.9
-55°	518.0	511.4	504.7	495.5	484.2	475.1	462.4	448.2	436.4	426.6	414.1
-57.5°	467.9	462.0	454.7	445.9	435.6	426.7	417.2	406.2	394.0	384.8	373.1
-60°	417.0	410.7	405.5	398.8	390.8	382.6	374.9	365.4	354.2	345.1	335.0
-62.5°	369.6	364.5	360.1	354.8	348.3	341.1	334.1	326.2	316.9	307.5	299.0
-65°	324.9	321.4	317.5	312.9	307.5	301.4	295.4	288.8	281.3	273.0	265.0
-67.5°	281.8	278.6	275.4	271.9	268.2	263.9	259.2	253.5	247.3	240.5	233.7
-70°	240.8	237.7	235.2	233.1	230.9	228.0	224.3	219.8	214.8	209.4	203.4
-72.5°	202.3	200.2	198.5	197.4	195.6	193.3	190.5	187.4	183.7	179.5	173.9
-75°	166.8	165.7	164.6	163.7	162.3	160.2	158.0	155.7	152.7	149.2	144.6
-77.5°	134.3	133.5	132.5	131.7	130.3	128.4	126.2	124.5	122.5	119.7	116.2
-80°	103.9	103.5	102.9	102.2	101.3	100.0	98.5	96.8	94.4	91.8	89.2
-82.5°	76.6	76.1	75.4	74.8	74.0	72.9	71.5	70.2	68.7	67.0	65.2
-85°	49.1	48.9	48.6	48.1	47.5	46.9	46.3	45.7	45.0	44.2	43.1
-87.5°	21.8	21.6	21.5	22.0	22.5	22.9	23.2	22.9	22.5	22.1	21.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	16.4	16.0	15.5	14.9	14.6	14.1	13.6	12.9	11.8	10.6	9.4
85°	43.8	41.1	38.1	34.8	31.6	28.3	27.1	25.8	23.5	21.2	18.8
82.5°	81.8	77.9	73.7	69.1	64.1	58.7	53.0	47.0	39.6	32.4	28.2
80°	129.1	122.5	115.3	107.3	98.5	89.1	81.3	72.9	62.4	52.3	42.6
77.5°	183.0	171.8	159.7	149.3	138.5	126.9	114.3	100.2	85.0	71.9	59.4
75°	243.0	228.9	214.3	198.5	181.7	164.7	149.8	132.5	111.9	91.9	75.9
72.5°	317.7	295.8	273.2	250.0	229.8	209.1	187.7	164.3	140.1	116.5	93.5
70°	397.7	367.5	339.1	311.2	282.1	253.4	228.6	199.7	167.9	140.7	114.4
67.5°	482.8	449.8	413.8	374.2	339.2	305.2	270.4	235.4	199.8	164.6	134.8
65°	579.5	537.8	492.7	449.3	402.9	357.5	318.6	272.3	231.1	192.1	154.8
62.5°	685.8	631.3	582.3	527.7	473.5	419.9	365.1	313.0	262.6	219.0	177.0
60°	806.2	746.5	677.7	616.5	551.1	485.5	420.4	352.4	297.4	245.2	199.7
57.5°	938.7	868.5	794.9	714.0	637.3	559.6	475.5	397.4	330.9	273.7	221.6
55°	1077.1	998.3	915.1	826.2	731.4	641.7	533.5	443.5	364.8	301.8	241.9
52.5°	1232.2	1137.9	1042.0	941.7	837.4	721.5	597.9	486.9	402.9	328.7	263.5
50°	1410.8	1292.9	1179.1	1063.8	944.8	805.4	658.0	538.8	438.6	355.9	284.0
47.5°	1614.6	1471.5	1330.4	1192.1	1060.4	883.4	724.3	588.3	471.8	384.9	303.1
45°	1825.6	1667.9	1497.1	1337.1	1154.3	962.2	788.8	633.9	512.0	410.1	320.7
42.5°	2037.4	1866.8	1683.5	1483.4	1250.7	1037.0	847.7	685.2	549.0	433.3	339.2
40°	2272.7	2065.0	1869.3	1619.3	1338.4	1104.9	908.3	733.3	582.2	456.6	357.8
37.5°	2497.1	2267.4	2052.3	1723.0	1418.7	1174.5	963.7	776.3	612.7	481.8	374.6
35°	2706.5	2463.6	2144.5	1807.3	1498.3	1233.4	1012.8	816.9	645.0	504.0	389.7
32.5°	2897.5	2589.4	2215.2	1873.2	1561.4	1281.5	1057.2	853.0	672.7	523.2	403.0
30°	3027.8	2636.4	2263.7	1920.7	1608.5	1328.0	1093.5	882.9	695.8	539.4	415.4
27.5°	3034.7	2658.3	2289.7	1950.4	1640.8	1362.2	1121.0	906.8	714.1	554.4	428.3
25°	3010.9	2648.7	2293.5	1961.4	1658.0	1390.2	1142.1	924.7	731.1	569.1	438.8
22.5°	2955.3	2614.5	2276.2	1954.0	1676.8	1409.5	1159.6	939.9	744.7	580.1	447.0
20°	2885.0	2559.1	2247.2	1961.3	1686.3	1421.8	1172.7	949.8	753.6	587.6	452.9
17.5°	2798.9	2515.2	2242.3	1959.9	1686.3	1425.5	1178.6	954.4	757.8	591.7	456.6
15°	2759.3	2497.9	2227.6	1949.5	1677.0	1420.7	1177.5	953.7	757.5	592.5	459.1
12.5°	2727.4	2470.8	2203.7	1929.9	1658.8	1407.8	1169.7	948.1	753.0	592.5	461.1
10°	2687.2	2433.8	2170.7	1901.5	1632.0	1387.3	1155.5	939.5	750.7	591.5	461.2
7.5°	2638.1	2387.1	2128.6	1864.1	1599.7	1364.3	1141.0	929.8	746.0	588.1	459.6
5°	2581.2	2335.5	2083.3	1828.4	1575.1	1339.9	1121.7	915.6	738.0	582.2	456.3
2.5°	2519.6	2282.2	2032.7	1785.1	1544.1	1309.7	1097.3	897.1	727.0	574.1	451.6
0°	2448.2	2219.9	1973.5	1733.8	1506.7	1273.8	1068.1	874.8	713.2	564.0	445.3
-2.5°	2385.4	2151.4	1909.7	1678.1	1452.1	1230.9	1036.3	852.4	697.9	554.0	438.8
-5°	2312.5	2074.0	1838.5	1615.2	1391.8	1183.5	1000.6	827.1	680.0	542.3	430.9
-7.5°	2205.3	1979.5	1757.3	1544.6	1326.5	1132.3	961.7	799.2	660.0	529.0	421.9
-10°	2084.5	1872.4	1665.3	1464.8	1263.1	1081.8	920.5	769.2	638.1	514.2	411.8
-12.5°	1956.9	1759.6	1568.2	1381.1	1197.7	1032.0	881.1	739.6	614.7	498.0	400.7
-15°	1823.2	1642.0	1466.9	1294.6	1130.2	979.7	839.8	709.5	591.6	481.4	388.7
-17.5°	1687.1	1520.6	1362.0	1206.2	1061.3	925.4	797.0	677.9	567.3	464.9	376.7
-20°	1563.0	1407.2	1255.1	1116.7	991.8	869.4	753.3	645.0	541.9	447.4	364.5



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1439.2	1302.5	1165.2	1033.5	923.6	812.2	708.9	611.0	515.6	429.2	351.4
-25°	1315.9	1198.4	1077.4	964.3	857.6	759.2	666.1	576.2	488.7	410.3	337.6
-27.5°	1199.8	1097.0	989.2	895.1	799.8	706.9	624.8	543.2	462.6	390.9	323.1
-30°	1088.9	1000.1	910.1	827.3	742.8	661.4	583.4	510.3	438.7	372.2	307.8
-32.5°	986.6	904.4	834.7	764.4	690.3	616.3	545.0	477.6	414.8	353.5	293.6
-35°	891.4	822.7	761.4	703.5	639.6	575.2	510.0	445.2	390.9	334.3	279.6
-37.5°	800.8	750.3	697.8	646.3	589.2	535.0	476.9	418.4	367.1	314.5	265.2
-40°	726.4	683.3	639.4	592.2	544.5	495.6	443.7	393.0	343.9	294.4	250.7
-42.5°	655.4	621.9	584.1	539.6	502.9	459.3	411.1	367.2	321.5	276.2	235.9
-45°	592.3	563.8	531.6	498.2	463.1	423.3	382.2	341.2	299.0	259.1	221.6
-47.5°	532.8	511.6	485.4	457.5	425.2	388.8	353.1	316.3	276.5	242.1	208.0
-50°	482.6	464.4	443.3	418.0	387.9	357.1	324.5	291.6	257.7	225.2	194.0
-52.5°	439.1	421.7	402.8	379.6	353.9	325.3	298.1	267.3	238.4	208.9	179.9
-55°	398.2	381.2	363.9	344.0	320.9	297.1	272.0	245.8	218.9	192.7	165.7
-57.5°	359.6	343.0	328.2	310.3	291.0	270.1	247.5	224.0	200.2	176.2	153.0
-60°	322.5	309.0	294.4	279.7	262.8	243.9	223.6	202.6	181.7	159.9	140.2
-62.5°	288.4	276.2	264.1	250.8	235.3	218.2	199.9	182.1	162.9	145.3	127.2
-65°	256.4	246.3	234.8	222.2	208.1	193.1	177.7	161.4	146.0	130.4	114.1
-67.5°	225.8	216.5	205.4	193.7	182.5	170.0	155.6	142.5	129.4	115.4	101.2
-70°	196.0	186.9	177.6	168.8	158.7	147.2	135.8	124.3	112.7	101.0	88.2
-72.5°	167.2	160.1	152.6	144.6	135.9	126.4	116.3	106.3	97.0	86.6	75.1
-75°	139.2	133.8	128.0	121.4	113.8	105.6	97.8	89.7	81.4	72.2	63.5
-77.5°	112.3	108.1	103.5	98.8	92.9	86.6	80.0	73.0	66.3	59.6	52.5
-80°	86.9	84.2	81.2	77.5	72.7	67.6	62.8	57.9	52.7	47.2	41.3
-82.5°	63.4	61.5	59.4	56.8	53.6	50.2	46.8	43.2	39.1	34.8	30.5
-85°	41.9	40.4	38.7	36.8	34.8	32.7	30.8	28.6	25.9	23.2	20.4
-87.5°	20.8	20.0	19.1	18.1	17.3	16.4	15.4	14.3	13.0	11.6	10.2
-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: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	8.2	6.9	5.6	4.2	2.9	1.4	0.0
85°	16.3	13.8	11.2	8.5	5.7	2.8	0.0
82.5°	24.5	20.7	16.7	12.7	8.5	4.2	0.0
80°	33.3	27.5	22.3	16.9	11.4	5.6	0.0
77.5°	47.3	35.9	27.8	21.1	14.2	7.0	0.0
75°	61.2	47.0	33.8	25.2	16.9	8.3	0.0
72.5°	74.8	58.1	42.3	29.3	19.7	9.7	0.0
70°	88.6	68.9	50.7	33.7	22.4	11.0	0.0
67.5°	105.6	79.4	58.9	39.7	25.0	12.3	0.0
65°	122.1	91.2	66.9	45.5	27.6	13.6	0.0
62.5°	138.1	104.0	74.7	51.2	30.1	14.8	0.0
60°	153.4	116.4	82.3	56.8	32.6	16.1	0.0
57.5°	170.8	128.3	91.4	62.1	36.1	17.2	0.0
55°	187.7	139.6	100.3	67.3	39.5	18.4	0.0
52.5°	203.6	150.8	108.7	72.3	42.8	19.5	0.0
50°	218.6	163.0	116.8	77.1	45.9	20.6	0.0
47.5°	232.9	174.5	124.4	82.0	49.0	21.6	0.0
45°	247.9	185.2	131.6	87.3	51.9	22.6	0.0
42.5°	261.7	195.2	138.3	92.3	54.7	23.6	0.0
40°	274.2	204.3	145.1	97.1	57.4	24.5	0.0
37.5°	285.5	212.6	151.9	101.7	59.9	25.4	0.0
35°	295.6	220.9	158.1	105.9	62.2	26.2	0.0
32.5°	305.3	228.6	163.7	109.9	64.5	26.9	0.0
30°	315.8	235.4	168.7	113.5	66.5	27.6	0.0
27.5°	324.8	241.3	173.4	116.9	68.4	28.3	0.0
25°	332.4	246.2	177.6	119.9	70.1	28.9	0.0
22.5°	338.6	250.6	181.2	122.6	71.7	29.4	0.0
20°	343.4	254.8	184.2	125.0	73.1	29.9	0.0
17.5°	347.7	258.4	186.7	127.0	74.3	30.3	0.0
15°	351.2	261.1	188.5	128.7	75.4	30.7	0.0
12.5°	353.4	263.2	189.9	130.1	76.3	31.0	0.0
10°	354.3	264.4	190.7	131.2	77.0	31.2	0.0
7.5°	353.9	265.0	190.9	131.9	77.5	31.4	0.0
5°	352.3	264.8	190.7	132.3	77.8	31.5	0.0
2.5°	349.6	263.8	190.0	132.4	78.0	31.6	0.0
0°	345.9	262.2	188.8	132.2	78.0	31.6	0.0
-2.5°	341.9	259.7	187.9	131.6	77.8	31.6	0.0
-5°	337.0	256.6	186.5	130.7	77.4	31.6	0.0
-7.5°	331.2	252.8	184.7	129.5	76.9	31.5	0.0
-10°	324.6	248.5	182.5	128.0	76.2	31.4	0.0
-12.5°	317.1	243.6	179.9	126.2	75.4	31.2	0.0
-15°	308.9	238.2	176.9	124.2	74.3	30.9	0.0
-17.5°	300.0	232.3	173.5	121.9	73.2	30.6	0.0
-20°	290.7	226.1	169.7	119.3	71.8	30.2	0.0



REPORT NUMBER: P558738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	281.4	219.4	165.5	116.5	70.4	29.8	0.0
-25°	271.6	212.8	161.0	113.4	68.8	29.3	0.0
-27.5°	261.3	205.9	156.1	110.1	67.0	28.7	0.0
-30°	250.5	198.6	150.9	106.6	65.2	28.1	0.0
-32.5°	239.2	190.8	145.5	102.9	63.2	27.4	0.0
-35°	228.8	182.7	139.8	99.0	61.1	26.7	0.0
-37.5°	218.4	174.5	133.8	94.8	58.8	25.9	0.0
-40°	207.7	166.6	127.6	90.5	56.5	25.0	0.0
-42.5°	196.6	158.5	121.4	86.1	54.1	24.1	0.0
-45°	185.1	150.1	115.3	81.5	51.5	23.2	0.0
-47.5°	173.4	141.5	108.9	76.7	48.9	22.2	0.0
-50°	162.7	132.6	102.3	72.4	46.2	21.1	0.0
-52.5°	151.9	123.6	95.5	68.2	43.4	20.1	0.0
-55°	141.0	114.8	88.6	63.9	40.5	18.9	0.0
-57.5°	130.0	106.0	81.4	59.4	37.5	17.7	0.0
-60°	118.8	96.9	74.1	54.9	34.5	16.5	0.0
-62.5°	107.9	87.7	68.0	50.2	31.9	15.3	0.0
-65°	96.7	78.3	61.7	45.5	29.3	14.0	0.0
-67.5°	85.5	69.6	55.4	40.6	26.6	12.7	0.0
-70°	74.1	61.6	48.9	35.7	23.8	11.4	0.0
-72.5°	64.3	53.5	42.3	31.3	20.9	10.0	0.0
-75°	54.6	45.3	35.7	26.9	18.0	8.6	0.0
-77.5°	44.9	37.1	29.7	22.5	15.1	7.2	0.0
-80°	35.1	29.5	23.8	18.0	12.1	5.8	0.0
-82.5°	26.3	22.1	17.9	13.6	9.1	4.3	0.0
-85°	17.5	14.8	12.0	9.1	6.1	2.9	0.0
-87.5°	8.8	7.4	6.0	4.5	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)