

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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558906 (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-SA4B-940-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

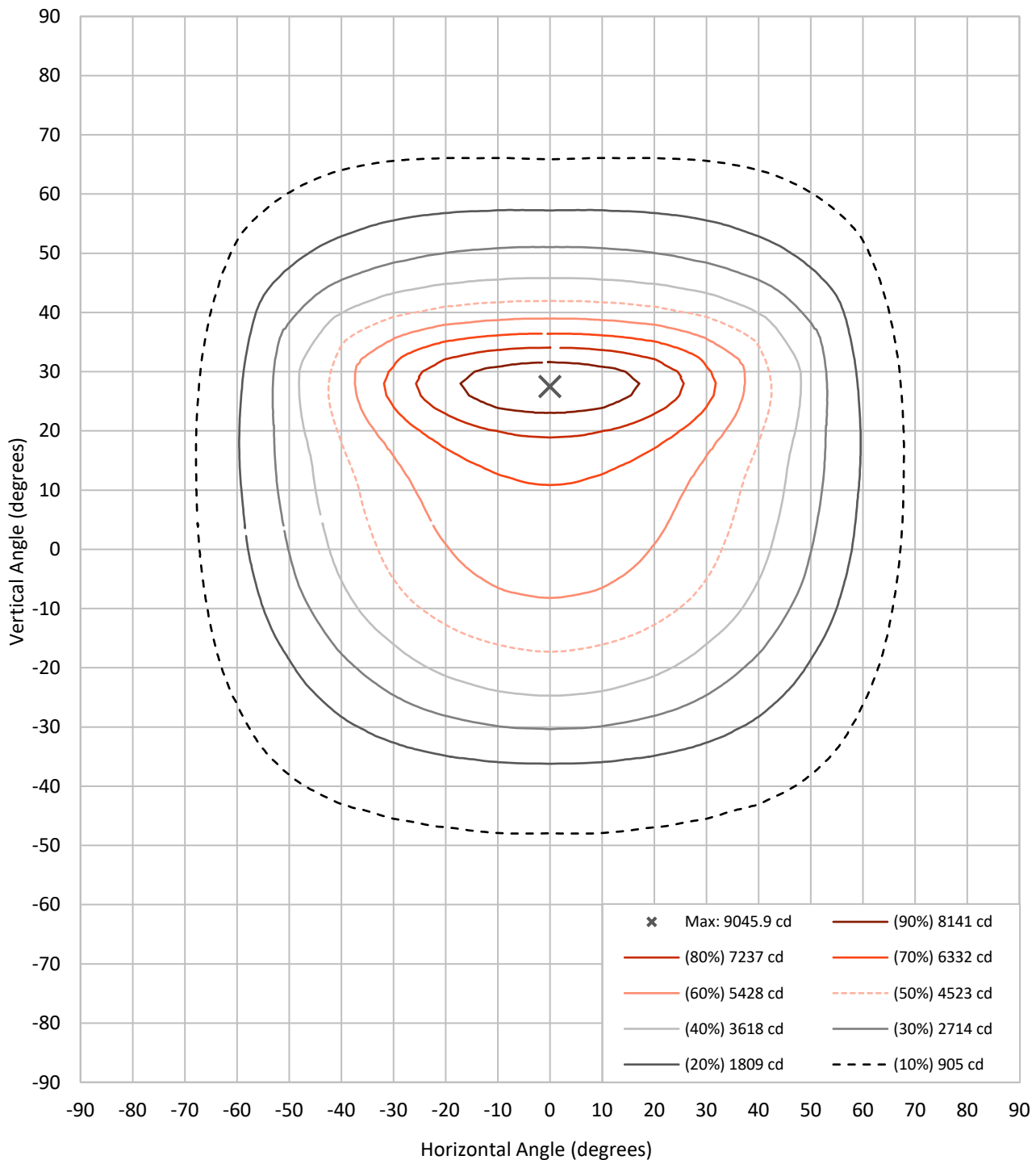
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	13187.4 lumens	Max Intensity:	9045.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	104.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	6853.5 lumens	Field Lumens:	12199.5 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	126		
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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

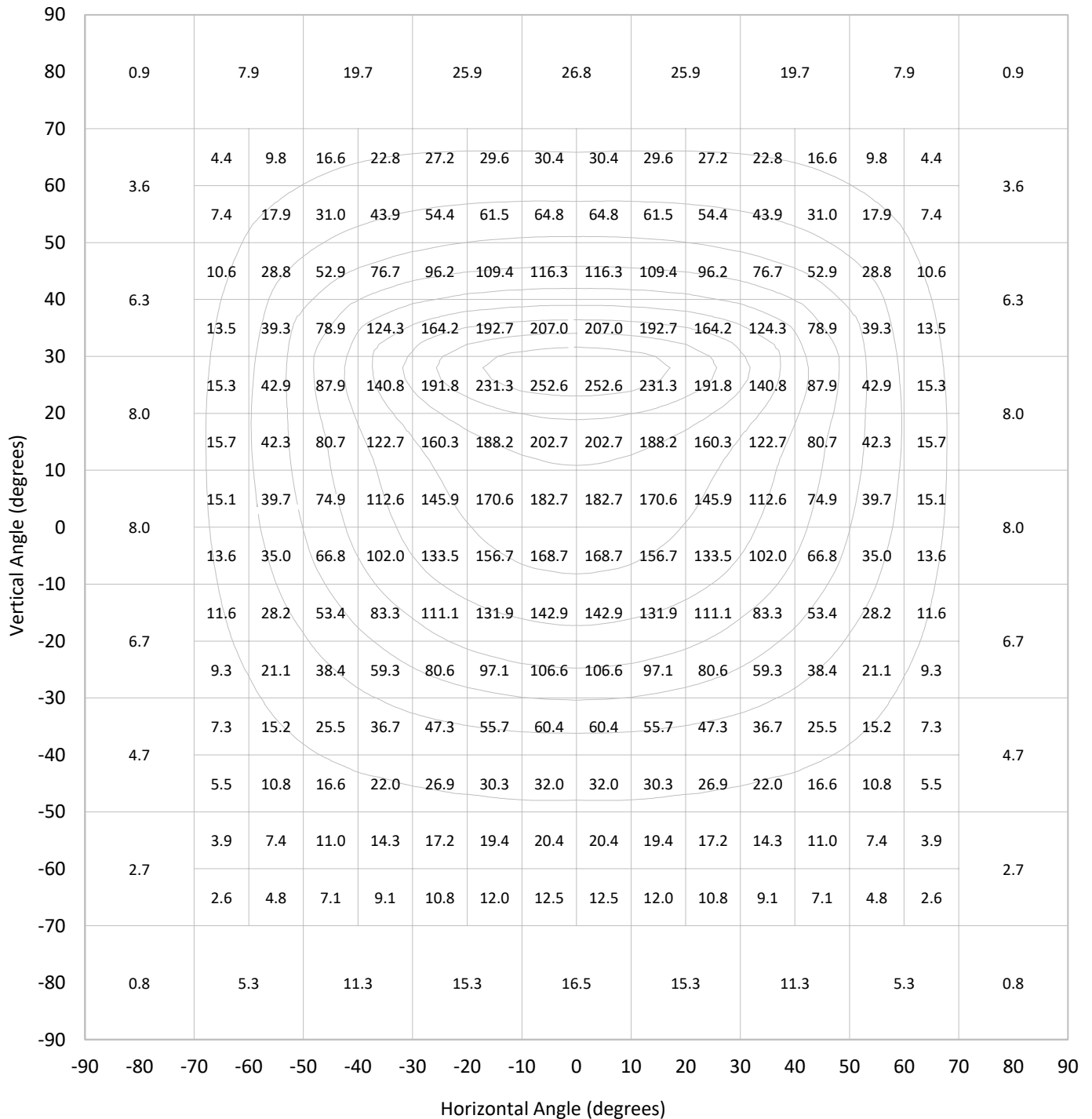
Iso-Candela Plot





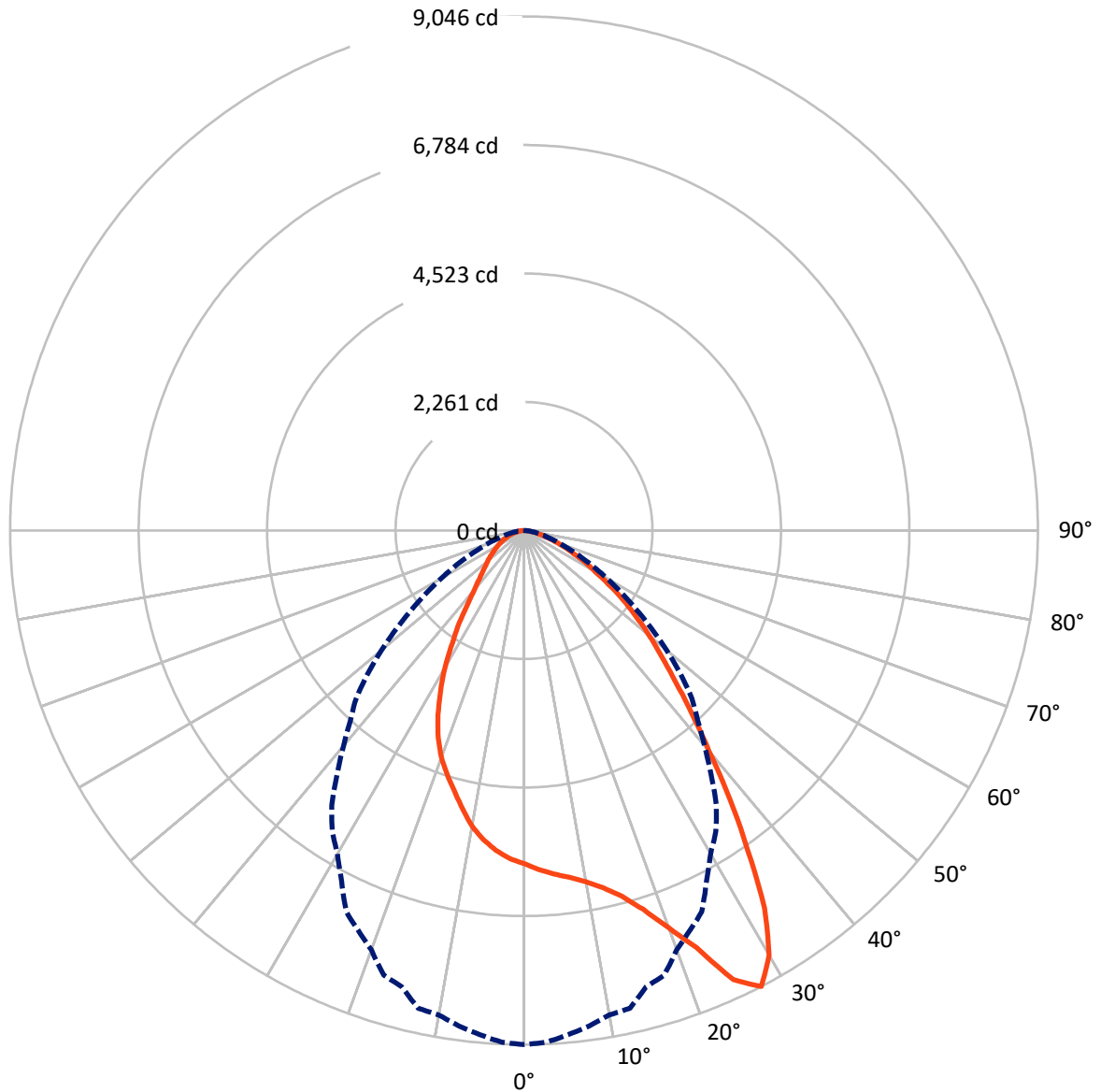
REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

Lumen Table



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

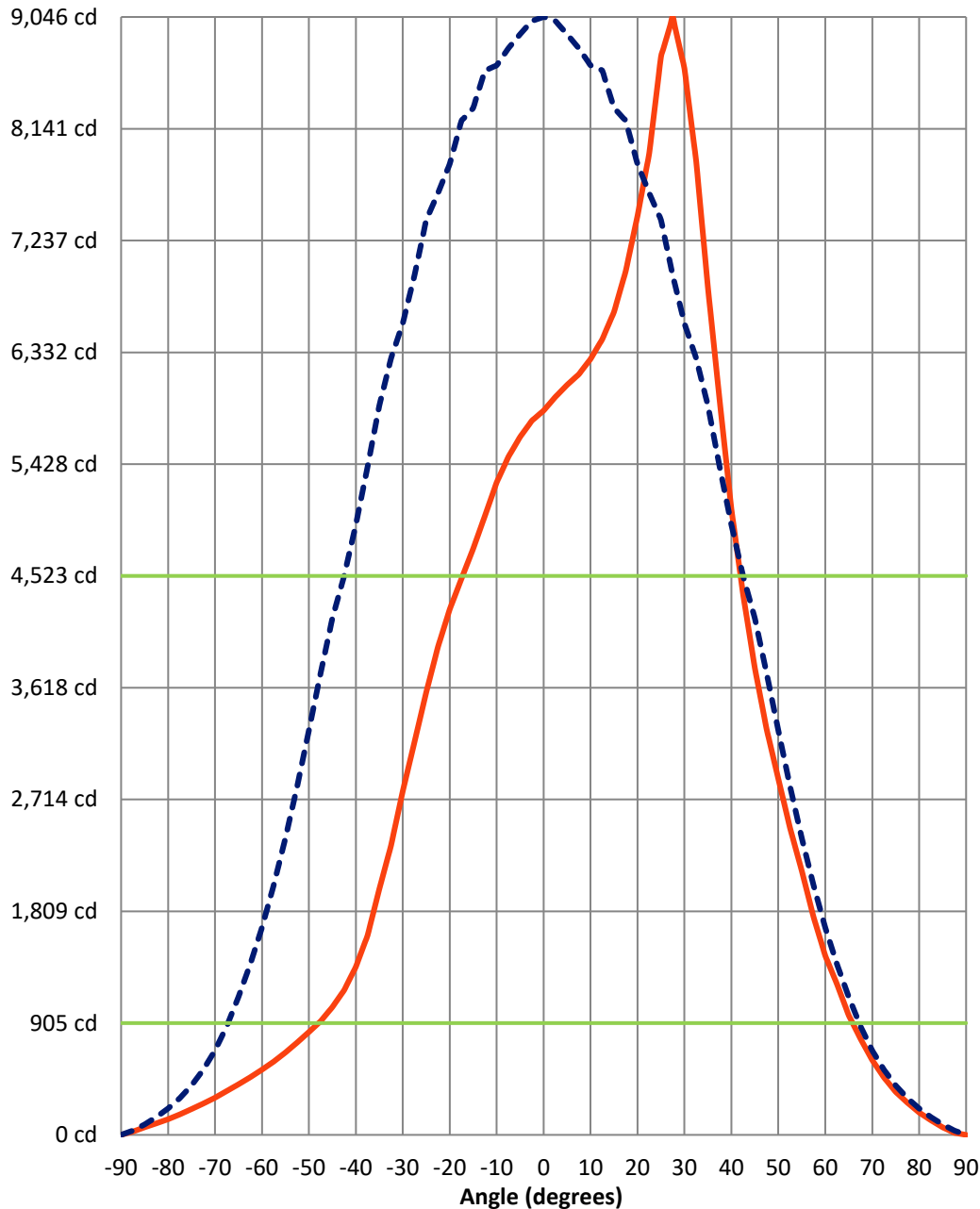
Luminous Intensity Polar Plot



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

REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 6853.5
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 12199.5
 Efficiency: 92.5%

Spill:
 Lumens: 987.9
 Efficiency: 7.5%

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



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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	1.7	3.5	5.2	6.9	8.5	10.1	11.6	13.1	14.5	15.9
85°	0.0	3.5	7.0	10.4	13.8	17.0	20.2	23.2	26.2	29.0	31.8
82.5°	0.0	5.2	10.5	15.6	20.6	25.5	30.2	34.8	40.0	48.8	57.8
80°	0.0	6.9	14.0	20.8	27.5	33.9	41.1	52.5	64.4	76.9	89.7
77.5°	0.0	8.6	17.5	26.0	34.2	44.2	58.3	73.1	88.6	104.6	123.4
75°	0.0	10.3	20.9	31.0	41.7	58.0	75.3	93.5	113.1	137.8	163.1
72.5°	0.0	11.9	24.2	36.1	52.2	71.5	92.1	115.1	143.4	172.5	202.3
70°	0.0	13.6	27.5	41.5	62.5	84.8	109.1	140.8	173.3	206.7	245.8
67.5°	0.0	15.2	30.8	48.9	72.6	97.8	130.0	165.9	202.6	246.0	289.7
65°	0.0	16.7	34.0	56.1	82.4	112.3	150.3	190.5	236.5	284.4	335.2
62.5°	0.0	18.3	37.1	63.1	92.1	128.0	170.0	217.8	269.6	323.3	385.3
60°	0.0	19.8	40.2	69.9	101.4	143.3	188.9	245.8	301.9	366.1	433.8
57.5°	0.0	21.3	44.5	76.5	112.6	157.9	210.2	272.7	336.9	407.4	489.3
55°	0.0	22.7	48.6	82.9	123.5	171.9	231.0	297.8	371.6	449.2	546.0
52.5°	0.0	24.1	52.7	89.1	133.9	185.6	250.6	324.3	404.7	496.0	599.4
50°	0.0	25.4	56.6	95.0	143.8	200.7	269.1	349.6	438.1	539.9	663.3
47.5°	0.0	26.7	60.4	101.0	153.2	214.8	286.7	373.2	473.8	580.8	724.3
45°	0.0	27.9	64.0	107.5	162.0	228.0	305.2	394.9	504.8	630.2	780.5
42.5°	0.0	29.1	67.4	113.7	170.2	240.3	322.1	417.7	533.3	675.8	843.6
40°	0.0	30.2	70.7	119.6	178.6	251.5	337.6	440.4	562.1	716.8	902.8
37.5°	0.0	31.3	73.8	125.2	187.0	261.7	351.6	461.1	593.1	754.3	955.7
35°	0.0	32.3	76.7	130.5	194.6	271.9	364.0	479.7	620.5	794.2	1005.7
32.5°	0.0	33.2	79.4	135.3	201.5	281.5	375.9	496.1	644.2	828.2	1050.1
30°	0.0	34.1	81.9	139.8	207.7	289.9	388.7	511.4	664.1	856.6	1087.0
27.5°	0.0	34.9	84.2	143.9	213.5	297.1	399.8	527.2	682.6	879.2	1116.3
25°	0.0	35.6	86.4	147.6	218.7	303.2	409.2	540.2	700.6	900.0	1138.3
22.5°	0.0	36.3	88.3	150.9	223.1	308.5	416.8	550.2	714.2	916.9	1157.1
20°	0.0	36.9	90.0	153.9	226.8	313.7	422.7	557.5	723.4	927.8	1169.3
17.5°	0.0	37.4	91.5	156.4	229.8	318.1	428.1	562.1	728.5	932.9	1174.9
15°	0.0	37.8	92.8	158.5	232.1	321.5	432.4	565.2	729.5	932.6	1174.1
12.5°	0.0	38.2	93.9	160.2	233.7	324.0	435.0	567.6	729.5	927.0	1167.2
10°	0.0	38.5	94.7	161.5	234.7	325.6	436.1	567.7	728.3	924.2	1156.5
7.5°	0.0	38.8	95.4	162.4	235.0	326.2	435.6	565.8	724.0	918.3	1144.7
5°	0.0	38.9	95.8	162.9	234.7	326.0	433.7	561.8	716.7	908.6	1127.2
2.5°	0.0	39.0	96.0	163.1	233.8	324.8	430.4	555.9	706.8	895.0	1104.4
0°	0.0	39.0	96.0	162.8	232.4	322.8	425.8	548.2	694.3	878.0	1077.0
-2.5°	0.0	39.1	95.8	162.1	231.3	319.8	420.9	540.1	682.0	859.1	1049.4
-5°	0.0	39.0	95.3	161.0	229.6	315.9	414.9	530.5	667.6	837.2	1018.3
-7.5°	0.0	38.9	94.7	159.5	227.4	311.2	407.7	519.4	651.2	812.5	983.9
-10°	0.0	38.8	93.8	157.6	224.7	305.9	399.6	507.0	632.9	785.5	947.0
-12.5°	0.0	38.5	92.8	155.4	221.5	299.9	390.4	493.3	613.0	756.6	910.6
-15°	0.0	38.2	91.5	152.9	217.8	293.2	380.3	478.5	592.7	728.3	873.5
-17.5°	0.0	37.8	90.1	150.1	213.6	286.0	369.3	463.7	572.3	698.3	834.6
-20°	0.0	37.3	88.4	146.9	208.9	278.3	357.9	448.7	550.8	667.0	794.0



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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	36.8	86.6	143.4	203.8	270.2	346.5	432.6	528.4	634.7	752.2
-25°	0.0	36.1	84.7	139.6	198.2	262.0	334.4	415.6	505.1	601.5	709.4
-27.5°	0.0	35.4	82.5	135.6	192.2	253.5	321.7	397.7	481.3	569.4	668.7
-30°	0.0	34.7	80.2	131.2	185.8	244.5	308.4	379.0	458.2	540.1	628.2
-32.5°	0.0	33.8	77.8	126.7	179.1	234.9	294.6	361.5	435.2	510.6	587.9
-35°	0.0	32.9	75.2	121.8	172.1	224.9	281.7	344.2	411.5	481.2	548.0
-37.5°	0.0	31.9	72.4	116.8	164.8	214.8	268.9	326.6	387.2	451.9	515.0
-40°	0.0	30.9	69.6	111.5	157.1	205.1	255.6	308.6	362.4	423.3	483.8
-42.5°	0.0	29.8	66.6	106.0	149.5	195.1	242.0	290.5	340.1	395.8	452.0
-45°	0.0	28.6	63.4	100.3	141.9	184.7	227.9	272.9	319.1	368.1	420.0
-47.5°	0.0	27.4	60.2	94.4	134.1	174.1	213.4	256.0	298.0	340.5	389.4
-50°	0.0	26.1	56.9	89.2	126.0	163.3	200.2	238.9	277.3	317.2	359.0
-52.5°	0.0	24.7	53.4	84.0	117.6	152.1	187.0	221.4	257.2	293.6	329.1
-55°	0.0	23.3	49.9	78.7	109.0	141.4	173.6	203.8	237.2	269.5	302.7
-57.5°	0.0	21.9	46.2	73.2	100.2	130.4	160.0	188.3	216.9	246.5	275.9
-60°	0.0	20.4	42.5	67.6	91.3	119.3	146.2	172.5	196.8	223.6	249.4
-62.5°	0.0	18.8	39.3	61.8	83.7	108.0	132.8	156.5	178.8	200.5	224.1
-65°	0.0	17.3	36.1	56.0	76.0	96.4	119.1	140.4	160.5	179.7	198.7
-67.5°	0.0	15.6	32.7	50.0	68.2	85.7	105.3	124.6	142.1	159.3	175.4
-70°	0.0	14.0	29.3	44.0	60.2	75.9	91.3	108.6	124.4	138.7	153.0
-72.5°	0.0	12.3	25.8	38.5	52.1	65.9	79.2	92.5	106.7	119.5	130.9
-75°	0.0	10.6	22.2	33.1	43.9	55.8	67.3	78.3	88.9	100.3	110.5
-77.5°	0.0	8.9	18.6	27.7	36.6	45.7	55.3	64.6	73.5	81.7	90.0
-80°	0.0	7.1	14.9	22.2	29.3	36.3	43.2	50.9	58.1	65.0	71.3
-82.5°	0.0	5.4	11.2	16.7	22.0	27.2	32.3	37.5	42.8	48.1	53.2
-85°	0.0	3.6	7.5	11.1	14.7	18.2	21.6	25.0	28.5	31.9	35.2
-87.5°	0.0	1.8	3.8	5.6	7.4	9.1	10.8	12.5	14.3	16.0	17.6
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	16.7	17.4	17.9	18.4	19.1	19.7	20.2	20.6	21.0	21.3	21.5
85°	33.4	34.8	38.9	42.8	46.9	50.7	54.0	56.9	59.2	61.2	62.7
82.5°	65.3	72.3	78.9	85.1	90.8	95.9	100.7	106.3	110.8	114.6	117.7
80°	100.1	109.7	121.3	132.1	141.9	150.8	159.0	166.3	172.1	177.8	183.4
77.5°	140.8	156.2	170.5	183.8	196.6	211.5	225.3	238.0	247.7	255.1	260.8
75°	184.4	202.7	223.6	244.4	263.9	281.8	299.2	320.4	337.7	350.7	361.1
72.5°	231.1	257.4	282.9	307.8	336.4	364.2	391.2	417.3	440.1	456.9	470.6
70°	281.4	312.0	347.3	383.1	417.5	452.4	489.6	523.4	551.4	571.3	590.2
67.5°	332.9	375.8	417.6	460.7	509.4	553.7	594.3	637.2	675.0	699.9	721.6
65°	392.2	440.2	496.1	553.1	606.6	662.0	713.4	759.9	807.6	842.2	870.6
62.5°	449.5	517.0	582.9	649.6	716.9	777.2	844.3	904.1	952.0	1001.5	1044.0
60°	517.5	597.7	678.5	759.0	834.3	919.0	992.5	1062.0	1126.0	1181.3	1233.5
57.5°	585.4	688.9	784.5	879.0	978.6	1069.2	1155.5	1233.4	1310.0	1373.9	1436.6
55°	656.8	790.1	900.4	1017.1	1126.6	1228.9	1326.0	1423.5	1505.1	1593.2	1669.9
52.5°	736.0	888.3	1030.9	1159.4	1282.8	1400.8	1516.9	1634.3	1748.9	1840.2	1926.9
50°	810.1	991.6	1163.1	1309.7	1451.6	1591.7	1736.9	1883.5	2009.8	2114.3	2204.5
47.5°	891.7	1087.5	1305.5	1467.6	1637.9	1811.5	1987.7	2149.7	2287.4	2429.5	2529.1
45°	971.1	1184.6	1421.1	1646.1	1843.1	2053.4	2247.5	2426.2	2625.7	2780.9	2914.0
42.5°	1043.6	1276.6	1539.8	1826.2	2072.5	2298.2	2508.3	2759.7	2988.9	3170.4	3336.4
40°	1118.3	1360.3	1647.8	1993.5	2301.3	2542.3	2797.9	3075.8	3374.1	3597.4	3795.9
37.5°	1186.5	1445.9	1746.5	2121.2	2526.6	2791.5	3074.2	3375.7	3715.7	4051.5	4290.2
35°	1246.8	1518.4	1844.5	2225.1	2640.1	3033.0	3332.0	3653.1	4025.2	4461.0	4786.9
32.5°	1301.6	1577.6	1922.2	2306.1	2727.1	3187.8	3567.1	3896.8	4270.2	4719.8	5273.2
30°	1346.2	1634.9	1980.2	2364.6	2786.9	3245.6	3727.5	4086.6	4441.0	4882.2	5397.3
27.5°	1380.0	1677.0	2020.0	2401.1	2818.8	3272.5	3736.0	4179.1	4522.1	4937.3	5405.7
25°	1406.0	1711.4	2041.2	2414.7	2823.5	3260.7	3706.7	4126.0	4511.0	4877.1	5297.4
22.5°	1427.5	1735.2	2064.3	2405.5	2802.2	3218.7	3638.2	4037.9	4410.6	4753.3	5114.9
20°	1443.7	1750.4	2076.0	2414.5	2766.5	3150.5	3551.7	3932.1	4292.1	4624.0	4918.2
17.5°	1451.0	1754.9	2076.0	2412.8	2760.5	3096.4	3445.7	3811.3	4165.3	4495.0	4785.7
15°	1449.7	1749.0	2064.6	2400.0	2742.4	3075.2	3396.9	3698.6	4028.2	4361.5	4651.1
12.5°	1440.1	1733.2	2042.1	2376.0	2713.0	3041.8	3357.7	3660.7	3956.2	4235.3	4512.2
10°	1422.6	1707.9	2009.1	2340.9	2672.3	2996.2	3308.2	3612.1	3904.5	4178.6	4436.5
7.5°	1404.6	1679.6	1969.4	2295.0	2620.4	2938.7	3247.8	3552.3	3839.0	4112.5	4372.9
5°	1380.9	1649.6	1939.1	2251.0	2564.7	2875.2	3177.7	3480.7	3759.8	4035.8	4297.2
2.5°	1350.9	1612.3	1900.9	2197.7	2502.4	2809.6	3101.9	3399.2	3685.4	3950.7	4208.2
0°	1314.9	1568.2	1854.8	2134.5	2429.5	2732.8	3013.9	3304.7	3602.5	3853.0	4104.8
-2.5°	1275.7	1515.3	1787.6	2065.9	2351.0	2648.5	2936.7	3212.4	3503.6	3756.8	4013.9
-5°	1231.8	1456.9	1713.3	1988.5	2263.3	2553.3	2846.9	3109.0	3387.1	3637.5	3890.5
-7.5°	1183.8	1393.9	1633.0	1901.5	2163.4	2436.9	2714.9	2967.1	3237.5	3485.1	3731.6
-10°	1133.2	1331.8	1554.9	1803.3	2050.1	2305.1	2566.2	2813.2	3073.2	3319.8	3556.9
-12.5°	1084.7	1270.5	1474.5	1700.3	1930.6	2166.2	2409.0	2647.5	2894.2	3141.9	3363.6
-15°	1033.8	1206.1	1391.4	1593.8	1805.9	2021.5	2244.5	2470.2	2701.7	2944.1	3148.8
-17.5°	981.2	1139.2	1306.6	1484.9	1676.7	1872.0	2077.0	2294.8	2506.7	2727.5	2925.5
-20°	927.3	1070.3	1221.0	1374.7	1545.1	1732.4	1924.1	2119.6	2312.1	2504.4	2690.4



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	872.8	999.9	1137.1	1272.3	1434.4	1603.4	1771.8	1941.4	2114.1	2279.7	2455.7
-25°	820.1	934.6	1055.7	1187.2	1326.4	1475.3	1620.0	1763.4	1916.5	2071.7	2223.2
-27.5°	769.2	870.3	984.7	1101.9	1217.8	1350.4	1477.0	1598.6	1732.2	1869.1	1991.5
-30°	718.3	814.3	914.4	1018.5	1120.5	1231.1	1340.5	1447.2	1556.1	1673.3	1779.3
-32.5°	671.0	758.7	849.8	941.0	1027.6	1113.4	1214.5	1309.2	1398.4	1481.9	1574.4
-35°	627.8	708.2	787.4	866.1	937.4	1012.8	1097.4	1177.2	1248.7	1315.8	1386.5
-37.5°	587.1	658.6	725.4	795.7	859.1	923.7	985.9	1054.9	1112.9	1166.5	1224.5
-40°	546.2	610.2	670.3	729.0	787.1	841.1	894.2	941.2	987.8	1039.4	1079.2
-42.5°	506.0	565.4	619.2	664.2	719.1	765.6	806.8	845.7	883.9	924.1	956.0
-45°	470.5	521.1	570.2	613.3	654.4	694.1	729.1	759.6	795.7	823.7	847.8
-47.5°	434.7	478.6	523.4	563.2	597.6	629.8	655.9	686.5	716.1	740.1	754.2
-50°	399.5	439.5	477.5	514.6	545.8	571.7	594.1	619.4	644.0	664.3	677.7
-52.5°	367.0	400.4	435.7	467.2	495.9	519.1	540.5	562.5	580.5	594.5	612.1
-55°	334.8	365.7	395.1	423.5	448.0	469.2	490.2	509.7	525.2	537.2	551.8
-57.5°	304.7	332.6	358.2	382.0	404.0	422.2	442.7	459.4	473.7	485.0	500.0
-60°	275.4	300.2	323.6	344.3	362.4	380.4	397.0	412.4	424.9	436.1	449.8
-62.5°	246.2	268.7	289.7	308.7	325.1	340.0	355.1	368.1	378.6	390.2	401.6
-65°	218.8	237.8	256.2	273.5	289.1	303.2	315.6	326.2	336.0	346.3	355.5
-67.5°	191.5	209.3	224.7	238.5	252.8	266.6	278.0	287.8	296.0	304.4	312.1
-70°	167.1	181.2	195.3	207.7	218.7	230.1	241.3	250.5	257.8	264.4	270.6
-72.5°	143.1	155.6	167.2	177.9	187.9	197.1	205.9	214.2	221.0	226.2	230.7
-75°	120.4	130.1	140.1	149.5	157.5	164.7	171.4	178.1	183.7	188.1	191.7
-77.5°	98.5	106.7	114.4	121.6	127.4	133.0	138.3	143.1	147.4	150.8	153.2
-80°	77.4	83.3	89.5	95.4	99.9	103.7	107.0	109.9	113.1	116.3	119.1
-82.5°	57.6	61.8	66.0	70.0	73.1	75.7	78.0	80.2	82.5	84.6	86.5
-85°	37.9	40.3	42.9	45.3	47.7	49.8	51.6	53.1	54.4	55.5	56.3
-87.5°	18.9	20.2	21.3	22.4	23.5	24.6	25.6	26.6	27.2	27.7	28.2
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	21.6	21.7	21.7	21.6	21.5	20.6	19.6	18.6	17.5	18.0	18.5
85°	63.8	64.0	63.8	63.2	62.2	62.1	61.9	61.5	60.9	61.8	62.6
82.5°	120.1	121.0	121.1	120.5	119.3	119.8	120.0	119.8	119.1	119.9	120.5
80°	187.6	189.4	189.5	188.2	185.7	186.0	186.2	185.7	184.4	184.7	184.7
77.5°	267.3	271.4	272.9	272.3	269.7	268.9	267.1	263.5	258.1	258.0	258.1
75°	368.9	373.2	375.3	375.2	372.7	371.1	368.8	364.6	358.6	358.4	358.4
72.5°	481.1	487.3	490.0	492.5	492.5	491.6	488.6	482.4	473.1	472.1	473.2
70°	604.9	615.3	621.9	627.0	631.0	631.8	629.9	624.9	616.8	614.7	614.0
67.5°	742.8	759.5	772.1	780.5	788.4	794.1	796.2	794.0	787.5	785.3	786.2
65°	897.4	923.1	944.4	960.3	970.9	978.5	985.0	989.0	989.9	992.2	995.3
62.5°	1078.0	1109.6	1139.1	1159.3	1169.6	1176.9	1198.1	1210.3	1213.8	1214.6	1219.3
60°	1279.7	1319.6	1356.4	1386.0	1409.9	1428.0	1446.1	1458.0	1462.5	1463.4	1469.8
57.5°	1500.2	1550.3	1593.4	1639.3	1671.2	1689.7	1713.9	1738.7	1751.7	1755.5	1770.7
55°	1744.1	1812.6	1868.5	1917.5	1962.1	2001.4	2034.6	2060.2	2079.2	2090.6	2110.8
52.5°	2013.9	2094.3	2152.8	2210.3	2274.3	2319.5	2349.0	2396.4	2430.6	2449.5	2473.6
50°	2310.1	2399.7	2479.4	2539.7	2614.2	2675.8	2720.7	2765.5	2796.9	2814.9	2838.3
47.5°	2647.3	2757.6	2850.1	2906.0	2992.4	3065.0	3094.3	3128.2	3187.3	3215.7	3240.7
45°	3027.0	3167.7	3270.4	3357.9	3432.2	3513.6	3566.9	3605.4	3663.7	3693.0	3711.4
42.5°	3478.7	3635.2	3770.5	3875.6	3938.1	4043.7	4120.7	4142.4	4224.9	4280.9	4297.4
40°	3985.3	4158.8	4337.3	4457.1	4557.6	4664.8	4792.0	4862.7	4932.5	4987.4	4999.8
37.5°	4513.2	4745.4	4949.2	5103.8	5270.1	5428.3	5563.0	5636.4	5682.2	5787.2	5826.4
35°	5049.9	5289.5	5575.0	5815.3	6016.7	6212.1	6365.7	6486.7	6602.0	6696.5	6753.1
32.5°	5506.9	5764.8	6117.3	6477.0	6694.5	6906.0	7158.4	7296.8	7450.6	7575.1	7666.1
30°	5882.5	6127.7	6448.5	6900.0	7197.7	7412.1	7731.6	7923.0	8090.4	8301.5	8375.0
27.5°	5900.3	6283.5	6567.2	6956.0	7402.9	7620.5	7856.9	8204.8	8310.4	8611.4	8654.8
25°	5745.4	6147.7	6439.4	6763.9	7135.4	7400.2	7616.1	7905.4	8056.8	8250.4	8399.1
22.5°	5503.2	5857.8	6155.2	6430.4	6720.4	6961.4	7158.7	7362.1	7528.4	7678.5	7818.1
20°	5235.7	5572.3	5854.3	6091.0	6320.8	6544.2	6721.7	6892.5	7036.3	7165.2	7244.7
17.5°	5047.2	5289.4	5577.6	5820.1	6019.3	6194.7	6378.3	6521.3	6647.3	6763.4	6836.0
15°	4918.6	5148.9	5354.1	5576.6	5786.5	5953.7	6092.0	6239.5	6348.5	6448.4	6527.0
12.5°	4785.1	5022.4	5237.1	5422.4	5586.8	5769.4	5917.2	6033.2	6147.5	6225.9	6306.7
10°	4673.6	4895.6	5118.3	5314.0	5486.9	5637.4	5777.3	5907.4	6010.0	6098.0	6161.7
7.5°	4608.9	4826.6	5026.8	5214.5	5383.0	5543.4	5687.7	5807.0	5908.6	5999.7	6066.4
5°	4533.8	4749.3	4949.2	5141.0	5302.9	5457.0	5600.7	5723.4	5828.7	5909.8	5973.6
2.5°	4447.7	4660.3	4859.7	5054.7	5216.5	5365.2	5501.1	5620.9	5730.5	5807.8	5862.1
0°	4349.7	4562.6	4757.4	4941.1	5103.9	5263.9	5389.1	5510.2	5617.3	5693.9	5748.1
-2.5°	4250.8	4462.4	4664.0	4840.1	5001.6	5149.4	5282.7	5397.0	5499.3	5575.5	5623.2
-5°	4119.4	4329.7	4528.7	4706.0	4874.8	5023.2	5152.7	5269.0	5367.6	5450.7	5515.2
-7.5°	3960.2	4172.9	4371.7	4552.8	4720.7	4860.9	4985.3	5102.5	5207.7	5298.5	5378.0
-10°	3785.3	3995.6	4183.4	4353.0	4509.5	4652.0	4784.4	4900.1	4996.6	5085.4	5152.4
-12.5°	3581.5	3776.2	3959.9	4127.1	4280.1	4422.8	4548.7	4658.9	4756.0	4834.8	4895.1
-15°	3356.6	3541.4	3715.4	3886.3	4046.5	4187.0	4297.8	4414.0	4498.1	4574.5	4628.9
-17.5°	3116.0	3294.7	3477.7	3649.0	3796.9	3935.5	4057.4	4163.6	4251.9	4322.0	4383.3
-20°	2872.1	3054.1	3230.3	3393.5	3535.8	3664.3	3787.7	3889.7	3980.2	4056.5	4128.3



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2627.2	2794.2	2959.5	3119.2	3253.7	3375.3	3483.3	3580.8	3660.7	3750.6	3814.1
-25°	2375.6	2522.0	2671.3	2812.3	2939.5	3058.9	3156.9	3242.4	3325.6	3412.5	3474.4
-27.5°	2122.8	2252.2	2373.5	2498.3	2609.7	2713.2	2804.1	2878.9	2959.7	3017.7	3085.7
-30°	1872.7	1990.1	2091.3	2178.2	2282.9	2371.7	2442.5	2516.8	2583.6	2638.9	2696.3
-32.5°	1661.1	1741.3	1822.1	1894.8	1964.5	2037.4	2094.4	2159.3	2205.1	2252.8	2299.1
-35°	1457.7	1519.5	1573.1	1641.0	1693.3	1733.0	1780.5	1828.1	1846.4	1898.3	1926.0
-37.5°	1273.4	1314.0	1364.1	1411.4	1450.1	1479.8	1522.1	1547.1	1560.2	1593.8	1611.7
-40°	1115.7	1141.4	1188.1	1220.4	1243.7	1265.3	1300.4	1316.6	1334.6	1351.3	1351.7
-42.5°	977.0	1009.9	1041.6	1067.0	1081.7	1106.3	1122.9	1124.7	1147.9	1162.8	1165.1
-45°	863.5	897.0	922.1	940.8	955.5	976.6	987.3	993.3	1012.2	1022.3	1026.6
-47.5°	776.4	799.8	821.5	835.9	855.2	870.8	878.6	888.6	903.2	912.4	919.0
-50°	699.8	718.3	734.8	748.0	767.2	781.1	788.6	800.9	811.8	818.5	823.7
-52.5°	632.4	648.9	660.4	673.2	689.1	701.5	711.0	723.1	732.2	738.1	742.7
-55°	569.2	584.8	596.0	610.0	621.4	629.6	637.8	649.6	658.5	664.5	668.5
-57.5°	513.6	525.3	536.2	548.9	559.8	568.8	576.0	582.6	588.4	593.3	597.2
-60°	461.4	470.9	481.0	490.9	499.1	505.6	513.4	519.4	523.1	525.5	528.6
-62.5°	411.3	419.9	428.8	436.8	443.3	448.7	455.0	459.9	463.4	465.9	467.7
-65°	363.6	371.0	378.6	385.2	390.8	395.6	400.0	403.5	405.9	408.0	409.7
-67.5°	319.1	324.9	330.2	334.8	339.0	343.1	347.0	349.6	351.1	352.7	354.4
-70°	276.1	280.7	284.2	287.0	289.5	292.7	296.4	299.0	300.5	302.2	303.7
-72.5°	234.5	237.9	240.8	243.0	244.4	246.5	249.1	251.2	252.8	254.0	254.6
-75°	194.5	197.2	199.8	201.6	202.6	204.0	205.3	206.1	206.2	206.7	207.1
-77.5°	155.3	158.0	160.4	162.1	163.1	164.3	165.3	165.8	165.9	165.9	165.6
-80°	121.2	123.1	124.7	125.8	126.6	127.4	127.9	128.0	127.8	128.0	128.1
-82.5°	88.1	89.8	91.1	92.2	92.9	93.7	94.4	94.9	95.1	95.2	95.1
-85°	57.0	57.8	58.5	59.2	59.8	60.1	60.4	60.4	60.2	60.3	60.2
-87.5°	28.5	28.2	27.7	27.2	26.5	26.7	26.8	26.8	26.9	27.1	27.4
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	19.0	19.4	18.1	16.7	18.1	19.4	19.0	18.5	18.0	17.5	18.6
85°	63.2	63.7	62.5	61.2	62.5	63.7	63.2	62.6	61.8	60.9	61.5
82.5°	120.7	120.5	119.5	118.3	119.5	120.5	120.7	120.5	119.9	119.1	119.8
80°	184.0	182.8	182.1	180.9	182.1	182.8	184.0	184.7	184.7	184.4	185.7
77.5°	257.5	256.1	258.4	260.2	258.4	256.1	257.5	258.1	258.0	258.1	263.5
75°	357.0	354.3	351.7	347.9	351.7	354.3	357.0	358.4	358.4	358.6	364.6
72.5°	472.6	470.5	468.3	464.7	468.3	470.5	472.6	473.2	472.1	473.1	482.4
70°	610.4	603.9	605.0	605.3	605.0	603.9	610.4	614.0	614.7	616.8	624.9
67.5°	783.6	777.8	778.5	777.8	778.5	777.8	783.6	786.2	785.3	787.5	794.0
65°	993.4	986.8	978.8	967.1	978.8	986.8	993.4	995.3	992.2	989.9	989.0
62.5°	1218.7	1212.8	1216.2	1218.9	1216.2	1212.8	1218.7	1219.3	1214.6	1213.8	1210.3
60°	1468.8	1460.6	1456.5	1449.9	1456.5	1460.6	1468.8	1469.8	1463.4	1462.5	1458.0
57.5°	1777.7	1776.2	1772.6	1763.0	1772.6	1776.2	1777.7	1770.7	1755.5	1751.7	1738.7
55°	2120.3	2118.3	2126.2	2135.9	2126.2	2118.3	2120.3	2110.8	2090.6	2079.2	2060.2
52.5°	2491.4	2497.7	2495.5	2482.4	2495.5	2497.7	2491.4	2473.6	2449.5	2430.6	2396.4
50°	2858.8	2865.9	2873.4	2880.3	2873.4	2865.9	2858.8	2838.3	2814.9	2796.9	2765.5
47.5°	3275.3	3293.8	3297.1	3283.9	3297.1	3293.8	3275.3	3240.7	3215.7	3187.3	3128.2
45°	3748.4	3759.5	3765.2	3776.4	3765.2	3759.5	3748.4	3711.4	3693.0	3663.7	3605.4
42.5°	4344.8	4357.8	4359.8	4372.0	4359.8	4357.8	4344.8	4297.4	4280.9	4224.9	4142.4
40°	5052.8	5073.7	5070.1	5064.9	5070.1	5073.7	5052.8	4999.8	4987.4	4932.5	4862.7
37.5°	5881.6	5917.2	5920.9	5942.9	5920.9	5917.2	5881.6	5826.4	5787.2	5682.2	5636.4
35°	6811.7	6853.6	6846.4	6857.1	6846.4	6853.6	6811.7	6753.1	6696.5	6602.0	6486.7
32.5°	7749.9	7812.8	7825.5	7878.5	7825.5	7812.8	7749.9	7666.1	7575.1	7450.6	7296.8
30°	8487.0	8575.2	8632.8	8628.5	8632.8	8575.2	8487.0	8375.0	8301.5	8090.4	7923.0
27.5°	8792.3	8906.7	9013.7	9045.9	9013.7	8906.7	8792.3	8654.8	8611.4	8310.4	8204.8
25°	8494.4	8577.9	8672.5	8723.1	8672.5	8577.9	8494.4	8399.1	8250.4	8056.8	7905.4
22.5°	7882.2	7936.5	7968.7	7942.5	7968.7	7936.5	7882.2	7818.1	7678.5	7528.4	7362.1
20°	7326.8	7395.5	7408.3	7436.0	7408.3	7395.5	7326.8	7244.7	7165.2	7036.3	6892.5
17.5°	6913.3	6958.3	6984.8	6990.7	6984.8	6958.3	6913.3	6836.0	6763.4	6647.3	6521.3
15°	6589.3	6625.3	6649.0	6659.5	6649.0	6625.3	6589.3	6527.0	6448.4	6348.5	6239.5
12.5°	6359.7	6403.6	6425.2	6438.3	6425.2	6403.6	6359.7	6306.7	6225.9	6147.5	6033.2
10°	6212.5	6254.9	6271.9	6278.3	6271.9	6254.9	6212.5	6161.7	6098.0	6010.0	5907.4
7.5°	6106.7	6133.9	6145.5	6154.4	6145.5	6133.9	6106.7	6066.4	5999.7	5908.6	5807.0
5°	6021.4	6043.1	6055.3	6068.2	6055.3	6043.1	6021.4	5973.6	5909.8	5828.7	5723.4
2.5°	5905.3	5936.3	5957.8	5970.8	5957.8	5936.3	5905.3	5862.1	5807.8	5730.5	5620.9
0°	5791.3	5820.5	5835.8	5860.8	5835.8	5820.5	5791.3	5748.1	5693.9	5617.3	5510.2
-2.5°	5665.9	5699.7	5740.0	5778.7	5740.0	5699.7	5665.9	5623.2	5575.5	5499.3	5397.0
-5°	5570.0	5614.7	5623.1	5648.0	5623.1	5614.7	5570.0	5515.2	5450.7	5367.6	5269.0
-7.5°	5425.4	5445.7	5480.4	5486.5	5480.4	5445.7	5425.4	5378.0	5298.5	5207.7	5102.5
-10°	5202.4	5235.5	5257.2	5279.2	5257.2	5235.5	5202.4	5152.4	5085.4	4996.6	4900.1
-12.5°	4940.4	4979.4	5014.2	5009.3	5014.2	4979.4	4940.4	4895.1	4834.8	4756.0	4658.9
-15°	4685.2	4722.9	4746.7	4743.5	4746.7	4722.9	4685.2	4628.9	4574.5	4498.1	4414.0
-17.5°	4431.9	4466.2	4500.8	4500.0	4500.8	4466.2	4431.9	4383.3	4322.0	4251.9	4163.6
-20°	4170.3	4199.7	4236.8	4252.3	4236.8	4199.7	4170.3	4128.3	4056.5	3980.2	3889.7



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	3867.9	3905.5	3932.4	3949.0	3932.4	3905.5	3867.9	3814.1	3750.6	3660.7	3580.8
-25°	3515.4	3554.0	3574.4	3581.6	3574.4	3554.0	3515.4	3474.4	3412.5	3325.6	3242.4
-27.5°	3125.9	3169.1	3190.1	3179.5	3190.1	3169.1	3125.9	3085.7	3017.7	2959.7	2878.9
-30°	2726.4	2754.2	2757.4	2781.5	2757.4	2754.2	2726.4	2696.3	2638.9	2583.6	2516.8
-32.5°	2332.3	2350.9	2340.4	2341.8	2340.4	2350.9	2332.3	2299.1	2252.8	2205.1	2159.3
-35°	1943.2	1958.0	1961.0	1988.4	1961.0	1958.0	1943.2	1926.0	1898.3	1846.4	1828.1
-37.5°	1630.4	1636.3	1627.2	1614.1	1627.2	1636.3	1630.4	1611.7	1593.8	1560.2	1547.1
-40°	1365.0	1369.7	1366.3	1359.5	1366.3	1369.7	1365.0	1351.7	1351.3	1334.6	1316.6
-42.5°	1174.2	1174.2	1171.1	1170.2	1171.1	1174.2	1174.2	1165.1	1162.8	1147.9	1124.7
-45°	1033.1	1034.6	1034.4	1033.9	1034.4	1034.6	1033.1	1026.6	1022.3	1012.2	993.3
-47.5°	923.7	924.0	922.6	919.8	922.6	924.0	923.7	919.0	912.4	903.2	888.6
-50°	826.9	826.9	828.8	832.1	828.8	826.9	826.9	823.7	818.5	811.8	800.9
-52.5°	745.1	744.9	745.9	747.2	745.9	744.9	745.1	742.7	738.1	732.2	723.1
-55°	670.2	669.8	668.8	666.5	668.8	669.8	670.2	668.5	664.5	658.5	649.6
-57.5°	598.6	597.8	596.0	592.8	596.0	597.8	598.6	597.2	593.3	588.4	582.6
-60°	530.4	530.7	529.8	527.4	529.8	530.7	530.4	528.6	525.5	523.1	519.4
-62.5°	468.2	467.2	467.0	466.1	467.0	467.2	468.2	467.7	465.9	463.4	459.9
-65°	410.0	409.0	409.3	409.1	409.3	409.0	410.0	409.7	408.0	405.9	403.5
-67.5°	355.1	354.8	355.1	354.8	355.1	354.8	355.1	354.4	352.7	351.1	349.6
-70°	304.6	304.7	303.1	300.6	303.1	304.7	304.6	303.7	302.2	300.5	299.0
-72.5°	254.4	253.5	253.6	253.2	253.6	253.5	254.4	254.6	254.0	252.8	251.2
-75°	207.0	206.4	207.7	208.7	207.7	206.4	207.0	207.1	206.7	206.2	206.1
-77.5°	164.8	163.6	164.7	165.6	164.7	163.6	164.8	165.6	165.9	165.9	165.8
-80°	127.9	127.5	127.2	126.6	127.2	127.5	127.9	128.1	128.0	127.8	128.0
-82.5°	94.8	94.2	93.8	93.2	93.8	94.2	94.8	95.1	95.2	95.1	94.9
-85°	59.9	59.6	60.4	61.2	60.4	59.6	59.9	60.2	60.3	60.2	60.4
-87.5°	27.6	27.7	27.1	26.4	27.1	27.7	27.6	27.4	27.1	26.9	26.8
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	19.6	20.6	21.5	21.6	21.7	21.7	21.6	21.5	21.3	21.0	20.6
85°	61.9	62.1	62.2	63.2	63.8	64.0	63.8	62.7	61.2	59.2	56.9
82.5°	120.0	119.8	119.3	120.5	121.1	121.0	120.1	117.7	114.6	110.8	106.3
80°	186.2	186.0	185.7	188.2	189.5	189.4	187.6	183.4	177.8	172.1	166.3
77.5°	267.1	268.9	269.7	272.3	272.9	271.4	267.3	260.8	255.1	247.7	238.0
75°	368.8	371.1	372.7	375.2	375.3	373.2	368.9	361.1	350.7	337.7	320.4
72.5°	488.6	491.6	492.5	492.5	490.0	487.3	481.1	470.6	456.9	440.1	417.3
70°	629.9	631.8	631.0	627.0	621.9	615.3	604.9	590.2	571.3	551.4	523.4
67.5°	796.2	794.1	788.4	780.5	772.1	759.5	742.8	721.6	699.9	675.0	637.2
65°	985.0	978.5	970.9	960.3	944.4	923.1	897.4	870.6	842.2	807.6	759.9
62.5°	1198.1	1176.9	1169.6	1159.3	1139.1	1109.6	1078.0	1044.0	1001.5	952.0	904.1
60°	1446.1	1428.0	1409.9	1386.0	1356.4	1319.6	1279.7	1233.5	1181.3	1126.0	1062.0
57.5°	1713.9	1689.7	1671.2	1639.3	1593.4	1550.3	1500.2	1436.6	1373.9	1310.0	1233.4
55°	2034.6	2001.4	1962.1	1917.5	1868.5	1812.6	1744.1	1669.9	1593.2	1505.1	1423.5
52.5°	2349.0	2319.5	2274.3	2210.3	2152.8	2094.3	2013.9	1926.9	1840.2	1748.9	1634.3
50°	2720.7	2675.8	2614.2	2539.7	2479.4	2399.7	2310.1	2204.5	2114.3	2009.8	1883.5
47.5°	3094.3	3065.0	2992.4	2906.0	2850.1	2757.6	2647.3	2529.1	2429.5	2287.4	2149.7
45°	3566.9	3513.6	3432.2	3357.9	3270.4	3167.7	3027.0	2914.0	2780.9	2625.7	2426.2
42.5°	4120.7	4043.7	3938.1	3875.6	3770.5	3635.2	3478.7	3336.4	3170.4	2988.9	2759.7
40°	4792.0	4664.8	4557.6	4457.1	4337.3	4158.8	3985.3	3795.9	3597.4	3374.1	3075.8
37.5°	5563.0	5428.3	5270.1	5103.8	4949.2	4745.4	4513.2	4290.2	4051.5	3715.7	3375.7
35°	6365.7	6212.1	6016.7	5815.3	5575.0	5289.5	5049.9	4786.9	4461.0	4025.2	3653.1
32.5°	7158.4	6906.0	6694.5	6477.0	6117.3	5764.8	5506.9	5273.2	4719.8	4270.2	3896.8
30°	7731.6	7412.1	7197.7	6900.0	6448.5	6127.7	5882.5	5397.3	4882.2	4441.0	4086.6
27.5°	7856.9	7620.5	7402.9	6956.0	6567.2	6283.5	5900.3	5405.7	4937.3	4522.1	4179.1
25°	7616.1	7400.2	7135.4	6763.9	6439.4	6147.7	5745.4	5297.4	4877.1	4511.0	4126.0
22.5°	7158.7	6961.4	6720.4	6430.4	6155.2	5857.8	5503.2	5114.9	4753.3	4410.6	4037.9
20°	6721.7	6544.2	6320.8	6091.0	5854.3	5572.3	5235.7	4918.2	4624.0	4292.1	3932.1
17.5°	6378.3	6194.7	6019.3	5820.1	5577.6	5289.4	5047.2	4785.7	4495.0	4165.3	3811.3
15°	6092.0	5953.7	5786.5	5576.6	5354.1	5148.9	4918.6	4651.1	4361.5	4028.2	3698.6
12.5°	5917.2	5769.4	5586.8	5422.4	5237.1	5022.4	4785.1	4512.2	4235.3	3956.2	3660.7
10°	5777.3	5637.4	5486.9	5314.0	5118.3	4895.6	4673.6	4436.5	4178.6	3904.5	3612.1
7.5°	5687.7	5543.4	5383.0	5214.5	5026.8	4826.6	4608.9	4372.9	4112.5	3839.0	3552.3
5°	5600.7	5457.0	5302.9	5141.0	4949.2	4749.3	4533.8	4297.2	4035.8	3759.8	3480.7
2.5°	5501.1	5365.2	5216.5	5054.7	4859.7	4660.3	4447.7	4208.2	3950.7	3685.4	3399.2
0°	5389.1	5263.9	5103.9	4941.1	4757.4	4562.6	4349.7	4104.8	3853.0	3602.5	3304.7
-2.5°	5282.7	5149.4	5001.6	4840.1	4664.0	4462.4	4250.8	4013.9	3756.8	3503.6	3212.4
-5°	5152.7	5023.2	4874.8	4706.0	4528.7	4329.7	4119.4	3890.5	3637.5	3387.1	3109.0
-7.5°	4985.3	4860.9	4720.7	4552.8	4371.7	4172.9	3960.2	3731.6	3485.1	3237.5	2967.1
-10°	4784.4	4652.0	4509.5	4353.0	4183.4	3995.6	3785.3	3556.9	3319.8	3073.2	2813.2
-12.5°	4548.7	4422.8	4280.1	4127.1	3959.9	3776.2	3581.5	3363.6	3141.9	2894.2	2647.5
-15°	4297.8	4187.0	4046.5	3886.3	3715.4	3541.4	3356.6	3148.8	2944.1	2701.7	2470.2
-17.5°	4057.4	3935.5	3796.9	3649.0	3477.7	3294.7	3116.0	2925.5	2727.5	2506.7	2294.8
-20°	3787.7	3664.3	3535.8	3393.5	3230.3	3054.1	2872.1	2690.4	2504.4	2312.1	2119.6



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3483.3	3375.3	3253.7	3119.2	2959.5	2794.2	2627.2	2455.7	2279.7	2114.1	1941.4
-25°	3156.9	3058.9	2939.5	2812.3	2671.3	2522.0	2375.6	2223.2	2071.7	1916.5	1763.4
-27.5°	2804.1	2713.2	2609.7	2498.3	2373.5	2252.2	2122.8	1991.5	1869.1	1732.2	1598.6
-30°	2442.5	2371.7	2282.9	2178.2	2091.3	1990.1	1872.7	1779.3	1673.3	1556.1	1447.2
-32.5°	2094.4	2037.4	1964.5	1894.8	1822.1	1741.3	1661.1	1574.4	1481.9	1398.4	1309.2
-35°	1780.5	1733.0	1693.3	1641.0	1573.1	1519.5	1457.7	1386.5	1315.8	1248.7	1177.2
-37.5°	1522.1	1479.8	1450.1	1411.4	1364.1	1314.0	1273.4	1224.5	1166.5	1112.9	1054.9
-40°	1300.4	1265.3	1243.7	1220.4	1188.1	1141.4	1115.7	1079.2	1039.4	987.8	941.2
-42.5°	1122.9	1106.3	1081.7	1067.0	1041.6	1009.9	977.0	956.0	924.1	883.9	845.7
-45°	987.3	976.6	955.5	940.8	922.1	897.0	863.5	847.8	823.7	795.7	759.6
-47.5°	878.6	870.8	855.2	835.9	821.5	799.8	776.4	754.2	740.1	716.1	686.5
-50°	788.6	781.1	767.2	748.0	734.8	718.3	699.8	677.7	664.3	644.0	619.4
-52.5°	711.0	701.5	689.1	673.2	660.4	648.9	632.4	612.1	594.5	580.5	562.5
-55°	637.8	629.6	621.4	610.0	596.0	584.8	569.2	551.8	537.2	525.2	509.7
-57.5°	576.0	568.8	559.8	548.9	536.2	525.3	513.6	500.0	485.0	473.7	459.4
-60°	513.4	505.6	499.1	490.9	481.0	470.9	461.4	449.8	436.1	424.9	412.4
-62.5°	455.0	448.7	443.3	436.8	428.8	419.9	411.3	401.6	390.2	378.6	368.1
-65°	400.0	395.6	390.8	385.2	378.6	371.0	363.6	355.5	346.3	336.0	326.2
-67.5°	347.0	343.1	339.0	334.8	330.2	324.9	319.1	312.1	304.4	296.0	287.8
-70°	296.4	292.7	289.5	287.0	284.2	280.7	276.1	270.6	264.4	257.8	250.5
-72.5°	249.1	246.5	244.4	243.0	240.8	237.9	234.5	230.7	226.2	221.0	214.2
-75°	205.3	204.0	202.6	201.6	199.8	197.2	194.5	191.7	188.1	183.7	178.1
-77.5°	165.3	164.3	163.1	162.1	160.4	158.0	155.3	153.2	150.8	147.4	143.1
-80°	127.9	127.4	126.6	125.8	124.7	123.1	121.2	119.1	116.3	113.1	109.9
-82.5°	94.4	93.7	92.9	92.2	91.1	89.8	88.1	86.5	84.6	82.5	80.2
-85°	60.4	60.1	59.8	59.2	58.5	57.8	57.0	56.3	55.5	54.4	53.1
-87.5°	26.8	26.7	26.5	27.2	27.7	28.2	28.5	28.2	27.7	27.2	26.6
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	20.2	19.7	19.1	18.4	17.9	17.4	16.7	15.9	14.5	13.1	11.6
85°	54.0	50.7	46.9	42.8	38.9	34.8	33.4	31.8	29.0	26.2	23.2
82.5°	100.7	95.9	90.8	85.1	78.9	72.3	65.3	57.8	48.8	40.0	34.8
80°	159.0	150.8	141.9	132.1	121.3	109.7	100.1	89.7	76.9	64.4	52.5
77.5°	225.3	211.5	196.6	183.8	170.5	156.2	140.8	123.4	104.6	88.6	73.1
75°	299.2	281.8	263.9	244.4	223.6	202.7	184.4	163.1	137.8	113.1	93.5
72.5°	391.2	364.2	336.4	307.8	282.9	257.4	231.1	202.3	172.5	143.4	115.1
70°	489.6	452.4	417.5	383.1	347.3	312.0	281.4	245.8	206.7	173.3	140.8
67.5°	594.3	553.7	509.4	460.7	417.6	375.8	332.9	289.7	246.0	202.6	165.9
65°	713.4	662.0	606.6	553.1	496.1	440.2	392.2	335.2	284.4	236.5	190.5
62.5°	844.3	777.2	716.9	649.6	582.9	517.0	449.5	385.3	323.3	269.6	217.8
60°	992.5	919.0	834.3	759.0	678.5	597.7	517.5	433.8	366.1	301.9	245.8
57.5°	1155.5	1069.2	978.6	879.0	784.5	688.9	585.4	489.3	407.4	336.9	272.7
55°	1326.0	1228.9	1126.6	1017.1	900.4	790.1	656.8	546.0	449.2	371.6	297.8
52.5°	1516.9	1400.8	1282.8	1159.4	1030.9	888.3	736.0	599.4	496.0	404.7	324.3
50°	1736.9	1591.7	1451.6	1309.7	1163.1	991.6	810.1	663.3	539.9	438.1	349.6
47.5°	1987.7	1811.5	1637.9	1467.6	1305.5	1087.5	891.7	724.3	580.8	473.8	373.2
45°	2247.5	2053.4	1843.1	1646.1	1421.1	1184.6	971.1	780.5	630.2	504.8	394.9
42.5°	2508.3	2298.2	2072.5	1826.2	1539.8	1276.6	1043.6	843.6	675.8	533.3	417.7
40°	2797.9	2542.3	2301.3	1993.5	1647.8	1360.3	1118.3	902.8	716.8	562.1	440.4
37.5°	3074.2	2791.5	2526.6	2121.2	1746.5	1445.9	1186.5	955.7	754.3	593.1	461.1
35°	3332.0	3033.0	2640.1	2225.1	1844.5	1518.4	1246.8	1005.7	794.2	620.5	479.7
32.5°	3567.1	3187.8	2727.1	2306.1	1922.2	1577.6	1301.6	1050.1	828.2	644.2	496.1
30°	3727.5	3245.6	2786.9	2364.6	1980.2	1634.9	1346.2	1087.0	856.6	664.1	511.4
27.5°	3736.0	3272.5	2818.8	2401.1	2020.0	1677.0	1380.0	1116.3	879.2	682.6	527.2
25°	3706.7	3260.7	2823.5	2414.7	2041.2	1711.4	1406.0	1138.3	900.0	700.6	540.2
22.5°	3638.2	3218.7	2802.2	2405.5	2064.3	1735.2	1427.5	1157.1	916.9	714.2	550.2
20°	3551.7	3150.5	2766.5	2414.5	2076.0	1750.4	1443.7	1169.3	927.8	723.4	557.5
17.5°	3445.7	3096.4	2760.5	2412.8	2076.0	1754.9	1451.0	1174.9	932.9	728.5	562.1
15°	3396.9	3075.2	2742.4	2400.0	2064.6	1749.0	1449.7	1174.1	932.6	729.5	565.2
12.5°	3357.7	3041.8	2713.0	2376.0	2042.1	1733.2	1440.1	1167.2	927.0	729.5	567.6
10°	3308.2	2996.2	2672.3	2340.9	2009.1	1707.9	1422.6	1156.5	924.2	728.3	567.7
7.5°	3247.8	2938.7	2620.4	2295.0	1969.4	1679.6	1404.6	1144.7	918.3	724.0	565.8
5°	3177.7	2875.2	2564.7	2251.0	1939.1	1649.6	1380.9	1127.2	908.6	716.7	561.8
2.5°	3101.9	2809.6	2502.4	2197.7	1900.9	1612.3	1350.9	1104.4	895.0	706.8	555.9
0°	3013.9	2732.8	2429.5	2134.5	1854.8	1568.2	1314.9	1077.0	878.0	694.3	548.2
-2.5°	2936.7	2648.5	2351.0	2065.9	1787.6	1515.3	1275.7	1049.4	859.1	682.0	540.1
-5°	2846.9	2553.3	2263.3	1988.5	1713.3	1456.9	1231.8	1018.3	837.2	667.6	530.5
-7.5°	2714.9	2436.9	2163.4	1901.5	1633.0	1393.9	1183.8	983.9	812.5	651.2	519.4
-10°	2566.2	2305.1	2050.1	1803.3	1554.9	1331.8	1133.2	947.0	785.5	632.9	507.0
-12.5°	2409.0	2166.2	1930.6	1700.3	1474.5	1270.5	1084.7	910.6	756.6	613.0	493.3
-15°	2244.5	2021.5	1805.9	1593.8	1391.4	1206.1	1033.8	873.5	728.3	592.7	478.5
-17.5°	2077.0	1872.0	1676.7	1484.9	1306.6	1139.2	981.2	834.6	698.3	572.3	463.7
-20°	1924.1	1732.4	1545.1	1374.7	1221.0	1070.3	927.3	794.0	667.0	550.8	448.7



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	1771.8	1603.4	1434.4	1272.3	1137.1	999.9	872.8	752.2	634.7	528.4	432.6
-25°	1620.0	1475.3	1326.4	1187.2	1055.7	934.6	820.1	709.4	601.5	505.1	415.6
-27.5°	1477.0	1350.4	1217.8	1101.9	984.7	870.3	769.2	668.7	569.4	481.3	397.7
-30°	1340.5	1231.1	1120.5	1018.5	914.4	814.3	718.3	628.2	540.1	458.2	379.0
-32.5°	1214.5	1113.4	1027.6	941.0	849.8	758.7	671.0	587.9	510.6	435.2	361.5
-35°	1097.4	1012.8	937.4	866.1	787.4	708.2	627.8	548.0	481.2	411.5	344.2
-37.5°	985.9	923.7	859.1	795.7	725.4	658.6	587.1	515.0	451.9	387.2	326.6
-40°	894.2	841.1	787.1	729.0	670.3	610.2	546.2	483.8	423.3	362.4	308.6
-42.5°	806.8	765.6	719.1	664.2	619.2	565.4	506.0	452.0	395.8	340.1	290.5
-45°	729.1	694.1	654.4	613.3	570.2	521.1	470.5	420.0	368.1	319.1	272.9
-47.5°	655.9	629.8	597.6	563.2	523.4	478.6	434.7	389.4	340.5	298.0	256.0
-50°	594.1	571.7	545.8	514.6	477.5	439.5	399.5	359.0	317.2	277.3	238.9
-52.5°	540.5	519.1	495.9	467.2	435.7	400.4	367.0	329.1	293.6	257.2	221.4
-55°	490.2	469.2	448.0	423.5	395.1	365.7	334.8	302.7	269.5	237.2	203.8
-57.5°	442.7	422.2	404.0	382.0	358.2	332.6	304.7	275.9	246.5	216.9	188.3
-60°	397.0	380.4	362.4	344.3	323.6	300.2	275.4	249.4	223.6	196.8	172.5
-62.5°	355.1	340.0	325.1	308.7	289.7	268.7	246.2	224.1	200.5	178.8	156.5
-65°	315.6	303.2	289.1	273.5	256.2	237.8	218.8	198.7	179.7	160.5	140.4
-67.5°	278.0	266.6	252.8	238.5	224.7	209.3	191.5	175.4	159.3	142.1	124.6
-70°	241.3	230.1	218.7	207.7	195.3	181.2	167.1	153.0	138.7	124.4	108.6
-72.5°	205.9	197.1	187.9	177.9	167.2	155.6	143.1	130.9	119.5	106.7	92.5
-75°	171.4	164.7	157.5	149.5	140.1	130.1	120.4	110.5	100.3	88.9	78.3
-77.5°	138.3	133.0	127.4	121.6	114.4	106.7	98.5	90.0	81.7	73.5	64.6
-80°	107.0	103.7	99.9	95.4	89.5	83.3	77.4	71.3	65.0	58.1	50.9
-82.5°	78.0	75.7	73.1	70.0	66.0	61.8	57.6	53.2	48.1	42.8	37.5
-85°	51.6	49.8	47.7	45.3	42.9	40.3	37.9	35.2	31.9	28.5	25.0
-87.5°	25.6	24.6	23.5	22.4	21.3	20.2	18.9	17.6	16.0	14.3	12.5
-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: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-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°	10.1	8.5	6.9	5.2	3.5	1.7	0.0
85°	20.2	17.0	13.8	10.4	7.0	3.5	0.0
82.5°	30.2	25.5	20.6	15.6	10.5	5.2	0.0
80°	41.1	33.9	27.5	20.8	14.0	6.9	0.0
77.5°	58.3	44.2	34.2	26.0	17.5	8.6	0.0
75°	75.3	58.0	41.7	31.0	20.9	10.3	0.0
72.5°	92.1	71.5	52.2	36.1	24.2	11.9	0.0
70°	109.1	84.8	62.5	41.5	27.5	13.6	0.0
67.5°	130.0	97.8	72.6	48.9	30.8	15.2	0.0
65°	150.3	112.3	82.4	56.1	34.0	16.7	0.0
62.5°	170.0	128.0	92.1	63.1	37.1	18.3	0.0
60°	188.9	143.3	101.4	69.9	40.2	19.8	0.0
57.5°	210.2	157.9	112.6	76.5	44.5	21.3	0.0
55°	231.0	171.9	123.5	82.9	48.6	22.7	0.0
52.5°	250.6	185.6	133.9	89.1	52.7	24.1	0.0
50°	269.1	200.7	143.8	95.0	56.6	25.4	0.0
47.5°	286.7	214.8	153.2	101.0	60.4	26.7	0.0
45°	305.2	228.0	162.0	107.5	64.0	27.9	0.0
42.5°	322.1	240.3	170.2	113.7	67.4	29.1	0.0
40°	337.6	251.5	178.6	119.6	70.7	30.2	0.0
37.5°	351.6	261.7	187.0	125.2	73.8	31.3	0.0
35°	364.0	271.9	194.6	130.5	76.7	32.3	0.0
32.5°	375.9	281.5	201.5	135.3	79.4	33.2	0.0
30°	388.7	289.9	207.7	139.8	81.9	34.1	0.0
27.5°	399.8	297.1	213.5	143.9	84.2	34.9	0.0
25°	409.2	303.2	218.7	147.6	86.4	35.6	0.0
22.5°	416.8	308.5	223.1	150.9	88.3	36.3	0.0
20°	422.7	313.7	226.8	153.9	90.0	36.9	0.0
17.5°	428.1	318.1	229.8	156.4	91.5	37.4	0.0
15°	432.4	321.5	232.1	158.5	92.8	37.8	0.0
12.5°	435.0	324.0	233.7	160.2	93.9	38.2	0.0
10°	436.1	325.6	234.7	161.5	94.7	38.5	0.0
7.5°	435.6	326.2	235.0	162.4	95.4	38.8	0.0
5°	433.7	326.0	234.7	162.9	95.8	38.9	0.0
2.5°	430.4	324.8	233.8	163.1	96.0	39.0	0.0
0°	425.8	322.8	232.4	162.8	96.0	39.0	0.0
-2.5°	420.9	319.8	231.3	162.1	95.8	39.1	0.0
-5°	414.9	315.9	229.6	161.0	95.3	39.0	0.0
-7.5°	407.7	311.2	227.4	159.5	94.7	38.9	0.0
-10°	399.6	305.9	224.7	157.6	93.8	38.8	0.0
-12.5°	390.4	299.9	221.5	155.4	92.8	38.5	0.0
-15°	380.3	293.2	217.8	152.9	91.5	38.2	0.0
-17.5°	369.3	286.0	213.6	150.1	90.1	37.8	0.0
-20°	357.9	278.3	208.9	146.9	88.4	37.3	0.0



REPORT NUMBER: P558906 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	346.5	270.2	203.8	143.4	86.6	36.8	0.0
-25°	334.4	262.0	198.2	139.6	84.7	36.1	0.0
-27.5°	321.7	253.5	192.2	135.6	82.5	35.4	0.0
-30°	308.4	244.5	185.8	131.2	80.2	34.7	0.0
-32.5°	294.6	234.9	179.1	126.7	77.8	33.8	0.0
-35°	281.7	224.9	172.1	121.8	75.2	32.9	0.0
-37.5°	268.9	214.8	164.8	116.8	72.4	31.9	0.0
-40°	255.6	205.1	157.1	111.5	69.6	30.9	0.0
-42.5°	242.0	195.1	149.5	106.0	66.6	29.8	0.0
-45°	227.9	184.7	141.9	100.3	63.4	28.6	0.0
-47.5°	213.4	174.1	134.1	94.4	60.2	27.4	0.0
-50°	200.2	163.3	126.0	89.2	56.9	26.1	0.0
-52.5°	187.0	152.1	117.6	84.0	53.4	24.7	0.0
-55°	173.6	141.4	109.0	78.7	49.9	23.3	0.0
-57.5°	160.0	130.4	100.2	73.2	46.2	21.9	0.0
-60°	146.2	119.3	91.3	67.6	42.5	20.4	0.0
-62.5°	132.8	108.0	83.7	61.8	39.3	18.8	0.0
-65°	119.1	96.4	76.0	56.0	36.1	17.3	0.0
-67.5°	105.3	85.7	68.2	50.0	32.7	15.6	0.0
-70°	91.3	75.9	60.2	44.0	29.3	14.0	0.0
-72.5°	79.2	65.9	52.1	38.5	25.8	12.3	0.0
-75°	67.3	55.8	43.9	33.1	22.2	10.6	0.0
-77.5°	55.3	45.7	36.6	27.7	18.6	8.9	0.0
-80°	43.2	36.3	29.3	22.2	14.9	7.1	0.0
-82.5°	32.3	27.2	22.0	16.7	11.2	5.4	0.0
-85°	21.6	18.2	14.7	11.1	7.5	3.6	0.0
-87.5°	10.8	9.1	7.4	5.6	3.8	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)