

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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559146 (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-SA6B-930-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

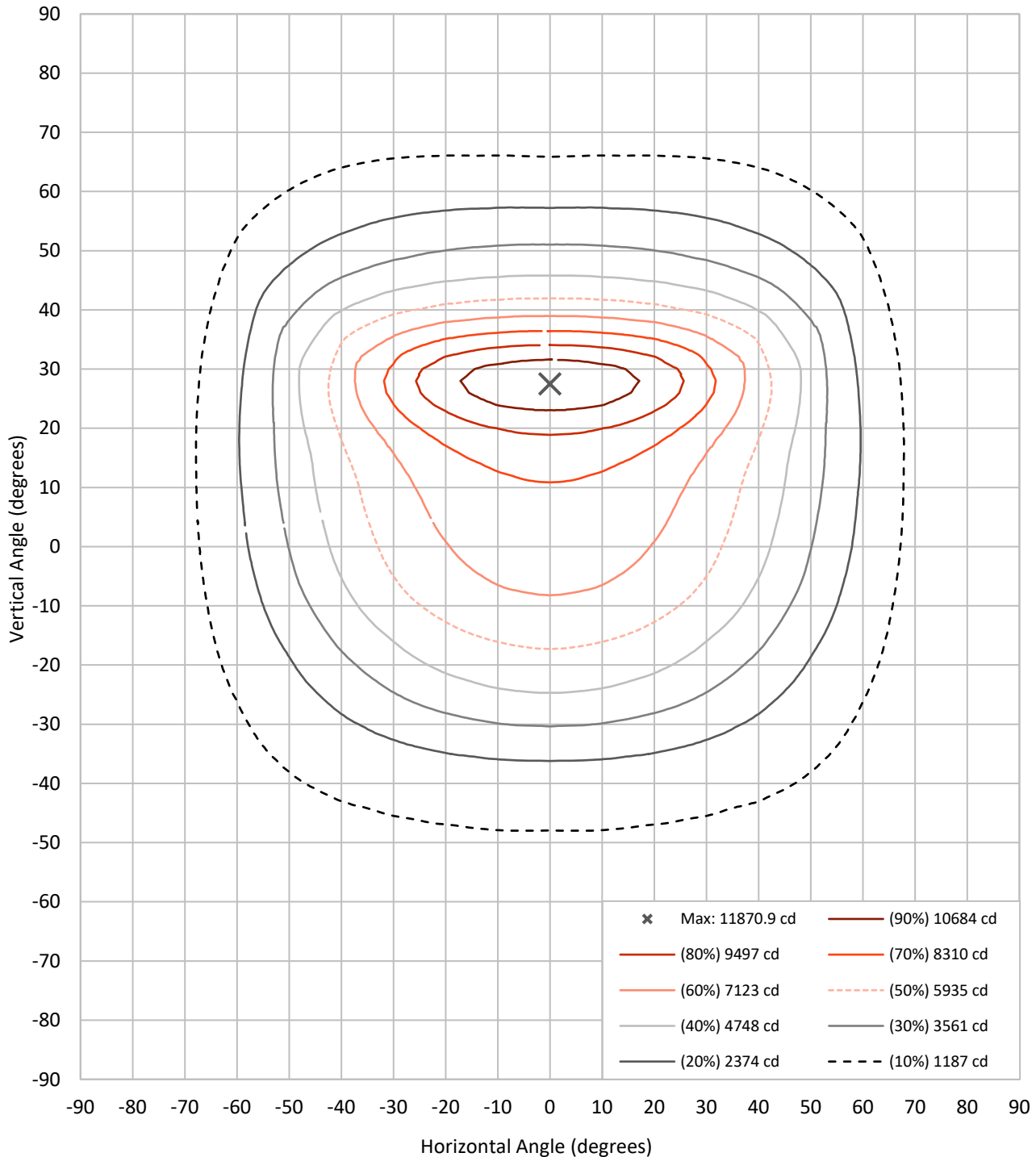
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17305.7 lumens	Max Intensity:	11870.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	8975.6 lumens	Field Lumens:	16009.2 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 185
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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

Iso-Candela Plot





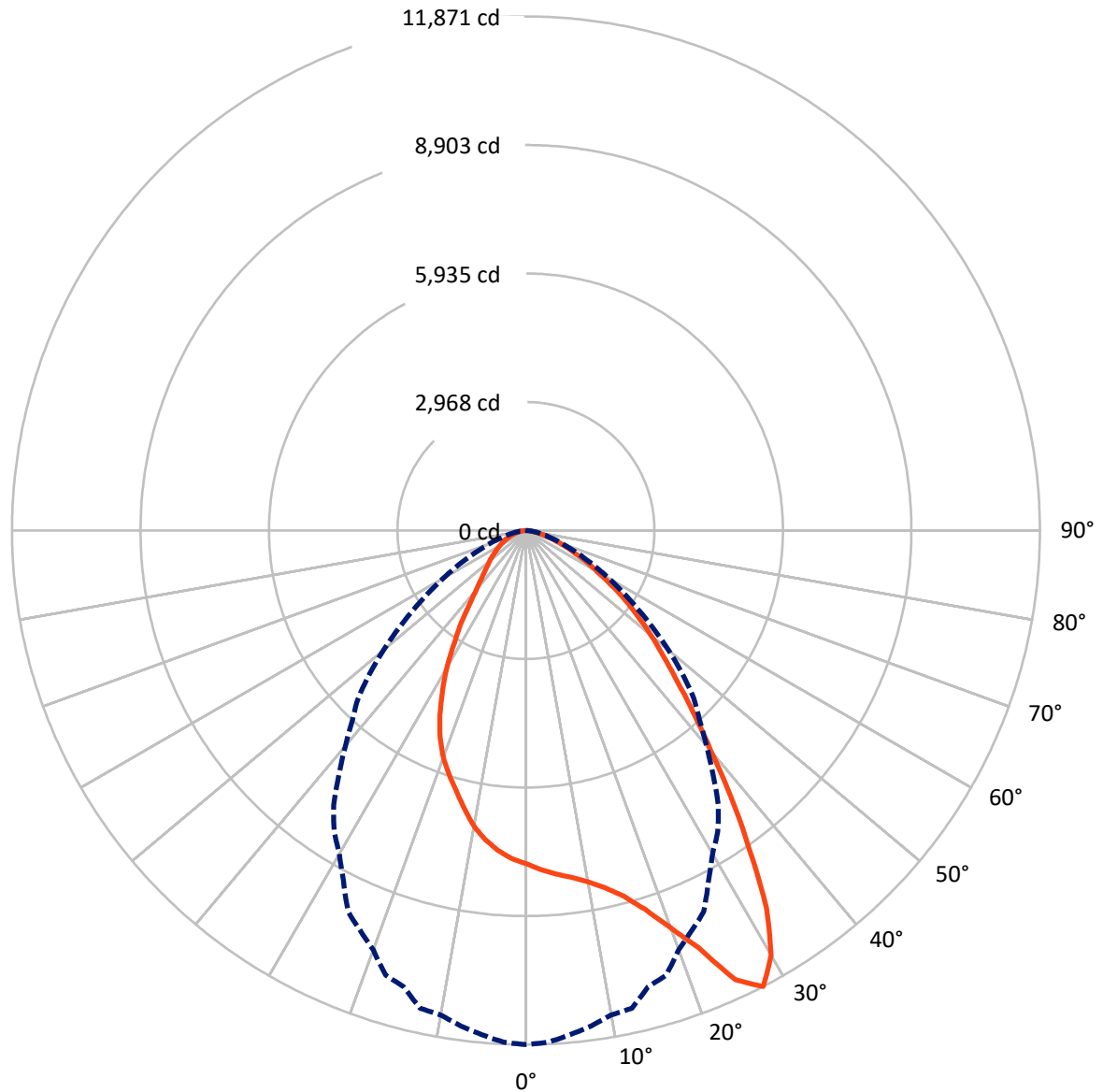
REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

Lumen Table

90																			
80	1.2	10.4		25.9		33.9		35.2		33.9		25.9		10.4		1.2			
70																			
60	4.7	5.8	12.9	21.8	29.9	35.7	38.9	39.9	39.9	38.9	35.7	29.9	21.8	12.9	5.8	4.7			
50		9.6	23.5	40.7	57.6	71.4	80.7	85.0	85.0	80.7	71.4	57.6	40.7	23.5	9.6				
40	8.3	13.9	37.8	69.4	100.7	126.3	143.6	152.6	152.6	143.6	126.3	100.7	69.4	37.8	13.9	8.3			
30		17.7	51.6	103.5	163.1	215.5	252.9	271.7	271.7	252.9	215.5	163.1	103.5	51.6	17.7				
20	10.5	20.0	56.3	115.3	184.7	251.8	303.5	331.5	331.5	303.5	251.8	184.7	115.3	56.3	20.0	10.5			
10		20.7	55.5	105.9	161.0	210.4	247.0	266.0	266.0	247.0	210.4	161.0	105.9	55.5	20.7				
0	10.5	19.8	52.1	98.2	147.8	191.5	223.9	239.8	239.8	223.9	191.5	147.8	98.2	52.1	19.8	10.5			
-10		17.9	46.0	87.6	133.9	175.2	205.7	221.4	221.4	205.7	175.2	133.9	87.6	46.0	17.9				
-20	8.8	15.2	37.0	70.1	109.3	145.8	173.1	187.5	187.5	173.1	145.8	109.3	70.1	37.0	15.2	8.8			
-30		12.3	27.6	50.3	77.8	105.7	127.4	139.9	139.9	127.4	105.7	77.8	50.3	27.6	12.3				
-40	6.2	9.5	20.0	33.4	48.1	62.1	73.1	79.3	79.3	73.1	62.1	48.1	33.4	20.0	9.5	6.2			
-50		7.2	14.1	21.7	28.9	35.3	39.8	42.0	42.0	39.8	35.3	28.9	21.7	14.1	7.2				
-60	3.5	5.2	9.7	14.4	18.7	22.6	25.5	26.7	26.7	25.5	22.6	18.7	14.4	9.7	5.2	3.5			
-70		3.4	6.3	9.3	11.9	14.2	15.7	16.4	16.4	15.7	14.2	11.9	9.3	6.3	3.4				
-80	1.1	7.0		14.9		20.1		21.6		20.1		14.9		7.0		1.1			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

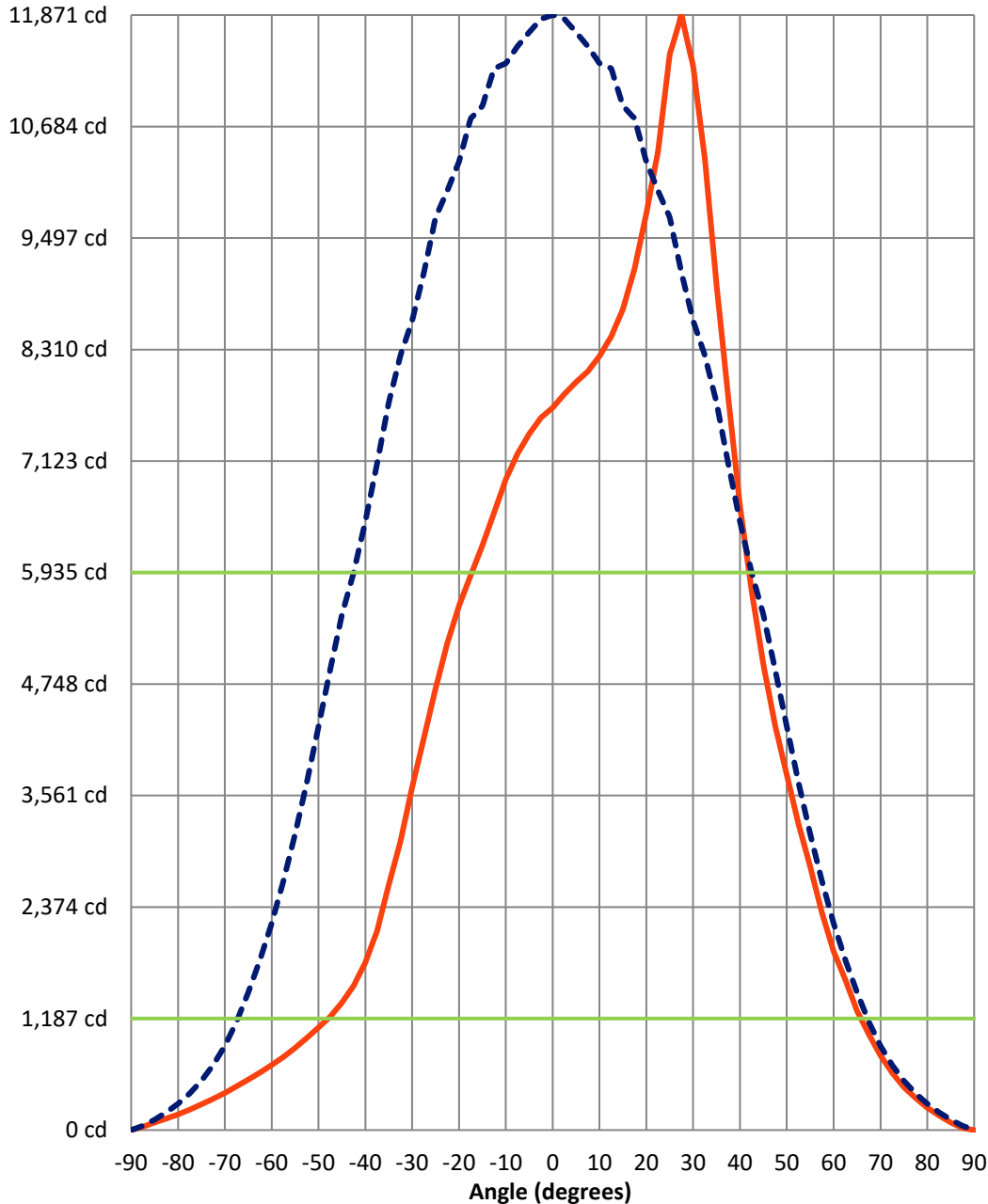
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 8975.6
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 16009.2
 Efficiency: 92.5%

Spill:
 Lumens: 1296.4
 Efficiency: 7.5%

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



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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	2.3	4.6	6.9	9.0	11.2	13.2	15.2	17.2	19.0	20.8
85°	0.0	4.5	9.2	13.7	18.1	22.3	26.4	30.4	34.3	38.0	41.6
82.5°	0.0	6.8	13.8	20.5	27.0	33.4	39.6	45.6	52.5	63.9	75.9
80°	0.0	9.0	18.4	27.3	36.0	44.5	53.9	68.8	84.5	100.8	117.7
77.5°	0.0	11.3	22.9	34.0	44.9	58.0	76.5	95.9	116.2	137.3	161.9
75°	0.0	13.5	27.4	40.7	54.6	76.0	98.9	122.7	148.4	180.8	214.1
72.5°	0.0	15.6	31.8	47.3	68.4	93.8	120.9	151.1	188.2	226.4	265.5
70°	0.0	17.8	36.1	54.5	81.9	111.3	143.3	184.8	227.4	271.3	322.6
67.5°	0.0	19.9	40.4	64.1	95.2	128.4	170.7	217.8	265.9	322.8	380.2
65°	0.0	22.0	44.6	73.6	108.2	147.3	197.3	250.0	310.4	373.3	439.9
62.5°	0.0	24.0	48.7	82.8	120.8	168.0	223.1	285.9	353.9	424.3	505.7
60°	0.0	26.0	52.7	91.7	133.0	188.0	247.9	322.7	396.2	480.5	569.3
57.5°	0.0	27.9	58.3	100.4	147.7	207.2	275.9	358.0	442.2	534.6	642.0
55°	0.0	29.7	63.8	108.8	162.0	225.6	303.2	390.8	487.6	589.4	716.4
52.5°	0.0	31.6	69.1	116.9	175.7	243.6	328.9	425.7	531.1	650.8	786.6
50°	0.0	33.3	74.2	124.6	188.7	263.3	353.2	458.8	574.9	708.5	870.5
47.5°	0.0	35.0	79.2	132.4	201.0	281.9	376.3	489.7	621.7	762.1	950.5
45°	0.0	36.6	83.9	141.1	212.6	299.2	400.5	518.2	662.5	827.0	1024.1
42.5°	0.0	38.1	88.4	149.2	223.4	315.3	422.7	548.0	699.9	886.8	1107.0
40°	0.0	39.6	92.7	157.0	234.4	330.0	443.0	578.0	737.6	940.6	1184.7
37.5°	0.0	41.0	96.8	164.3	245.4	343.4	461.3	605.1	778.4	989.8	1254.2
35°	0.0	42.3	100.6	171.2	255.4	356.8	477.6	629.5	814.3	1042.1	1319.7
32.5°	0.0	43.5	104.1	177.6	264.4	369.3	493.3	651.1	845.3	1086.9	1378.1
30°	0.0	44.7	107.5	183.5	272.5	380.3	510.1	671.2	871.5	1124.1	1426.5
27.5°	0.0	45.7	110.5	188.8	280.2	389.8	524.7	691.9	895.8	1153.8	1464.9
25°	0.0	46.7	113.3	193.7	286.9	397.8	536.9	708.9	919.4	1181.1	1493.8
22.5°	0.0	47.5	115.9	198.1	292.7	404.7	547.0	722.1	937.2	1203.2	1518.5
20°	0.0	48.3	118.1	201.9	297.6	411.6	554.8	731.7	949.3	1217.5	1534.4
17.5°	0.0	49.0	120.1	205.2	301.5	417.3	561.8	737.7	956.0	1224.2	1541.8
15°	0.0	49.6	121.8	208.0	304.5	421.8	567.5	741.8	957.3	1223.8	1540.8
12.5°	0.0	50.1	123.2	210.2	306.7	425.1	570.9	744.9	957.3	1216.4	1531.6
10°	0.0	50.5	124.3	211.9	307.9	427.2	572.3	745.1	955.7	1212.8	1517.7
7.5°	0.0	50.8	125.2	213.1	308.3	428.1	571.7	742.5	950.1	1205.1	1502.2
5°	0.0	51.0	125.7	213.8	308.0	427.8	569.2	737.3	940.6	1192.3	1479.1
2.5°	0.0	51.1	126.0	214.0	306.8	426.3	564.8	729.5	927.6	1174.6	1449.3
0°	0.0	51.1	126.0	213.6	304.9	423.6	558.8	719.4	911.2	1152.2	1413.3
-2.5°	0.0	51.2	125.7	212.6	303.4	419.6	552.4	708.8	895.1	1127.4	1377.1
-5°	0.0	51.1	125.1	211.2	301.3	414.5	544.5	696.2	876.1	1098.6	1336.2
-7.5°	0.0	51.0	124.3	209.2	298.4	408.4	535.1	681.6	854.6	1066.3	1291.2
-10°	0.0	50.8	123.1	206.8	294.9	401.4	524.4	665.3	830.6	1030.8	1242.7
-12.5°	0.0	50.5	121.7	203.9	290.7	393.5	512.3	647.4	804.5	992.9	1195.0
-15°	0.0	50.0	120.1	200.6	285.8	384.8	499.0	627.9	777.8	955.7	1146.3
-17.5°	0.0	49.5	118.2	196.9	280.3	375.4	484.6	608.5	751.0	916.4	1095.1
-20°	0.0	48.9	116.1	192.7	274.2	365.3	469.7	588.8	722.8	875.3	1041.9



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	48.2	113.7	188.2	267.5	354.6	454.7	567.8	693.4	832.9	987.1
-25°	0.0	47.4	111.1	183.2	260.1	343.9	438.8	545.4	662.9	789.4	930.9
-27.5°	0.0	46.5	108.3	177.9	252.2	332.7	422.1	521.9	631.6	747.2	877.6
-30°	0.0	45.4	105.3	172.2	243.8	320.9	404.6	497.3	601.3	708.8	824.4
-32.5°	0.0	44.3	102.1	166.2	235.0	308.3	386.5	474.4	571.1	670.1	771.5
-35°	0.0	43.1	98.6	159.8	225.8	295.2	369.6	451.7	540.0	631.5	719.1
-37.5°	0.0	41.9	95.1	153.2	216.2	281.9	352.9	428.6	508.2	593.0	675.9
-40°	0.0	40.5	91.3	146.2	206.1	269.2	335.5	405.0	475.6	555.5	634.9
-42.5°	0.0	39.0	87.4	139.0	196.1	256.0	317.6	381.2	446.3	519.3	593.2
-45°	0.0	37.5	83.3	131.6	186.2	242.5	299.1	358.1	418.7	483.1	551.1
-47.5°	0.0	35.9	79.0	123.9	175.9	228.5	280.1	336.0	391.1	446.8	511.0
-50°	0.0	34.2	74.6	117.0	165.3	214.2	262.8	313.5	363.9	416.3	471.1
-52.5°	0.0	32.4	70.1	110.2	154.3	199.6	245.4	290.5	337.5	385.3	431.9
-55°	0.0	30.6	65.5	103.2	143.1	185.5	227.8	267.5	311.3	353.7	397.2
-57.5°	0.0	28.7	60.7	96.1	131.5	171.2	209.9	247.1	284.6	323.5	362.0
-60°	0.0	26.7	55.8	88.7	119.8	156.5	191.9	226.4	258.3	293.5	327.3
-62.5°	0.0	24.7	51.6	81.2	109.9	141.6	174.2	205.4	234.6	263.2	294.2
-65°	0.0	22.6	47.4	73.5	99.8	126.5	156.3	184.3	210.7	235.8	260.7
-67.5°	0.0	20.5	43.0	65.7	89.5	112.4	138.1	163.5	186.4	209.0	230.2
-70°	0.0	18.4	38.4	57.8	79.0	99.5	119.7	142.5	163.3	182.0	200.8
-72.5°	0.0	16.2	33.8	50.6	68.4	86.5	103.9	121.4	140.0	156.8	171.8
-75°	0.0	13.9	29.2	43.5	57.7	73.3	88.3	102.7	116.7	131.6	144.9
-77.5°	0.0	11.6	24.4	36.4	48.0	60.0	72.6	84.8	96.4	107.2	118.1
-80°	0.0	9.3	19.6	29.2	38.5	47.6	56.7	66.8	76.3	85.3	93.6
-82.5°	0.0	7.0	14.7	21.9	28.9	35.8	42.5	49.3	56.2	63.2	69.8
-85°	0.0	4.7	9.8	14.6	19.3	23.9	28.3	32.9	37.4	41.9	46.3
-87.5°	0.0	2.3	4.9	7.3	9.7	12.0	14.2	16.5	18.7	21.0	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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.9	22.8	23.6	24.1	25.0	25.8	26.5	27.1	27.6	28.0	28.2
85°	43.9	45.7	51.1	56.2	61.6	66.5	70.8	74.6	77.7	80.3	82.3
82.5°	85.7	94.8	103.5	111.7	119.1	125.8	132.2	139.5	145.5	150.4	154.4
80°	131.4	143.9	159.1	173.4	186.2	198.0	208.7	218.3	225.8	233.3	240.7
77.5°	184.7	205.0	223.8	241.2	258.0	277.6	295.7	312.4	325.1	334.9	342.3
75°	242.0	266.1	293.5	320.7	346.3	369.8	392.7	420.5	443.2	460.2	473.8
72.5°	303.3	337.8	371.3	403.9	441.4	477.9	513.3	547.5	577.6	599.6	617.5
70°	369.3	409.4	455.8	502.7	547.8	593.6	642.5	686.9	723.7	749.7	774.5
67.5°	436.8	493.1	548.0	604.5	668.4	726.7	779.9	836.2	885.8	918.4	947.0
65°	514.7	577.6	650.9	725.8	796.0	868.8	936.2	997.1	1059.7	1105.2	1142.5
62.5°	589.9	678.4	764.9	852.5	940.8	1019.9	1107.9	1186.4	1249.3	1314.3	1370.0
60°	679.1	784.3	890.4	996.0	1094.8	1205.9	1302.4	1393.6	1477.7	1550.2	1618.8
57.5°	768.2	904.0	1029.5	1153.5	1284.1	1403.0	1516.4	1618.5	1719.1	1803.0	1885.2
55°	861.9	1036.7	1181.6	1334.7	1478.4	1612.6	1740.1	1868.0	1975.2	2090.8	2191.4
52.5°	965.8	1165.6	1352.8	1521.4	1683.3	1838.2	1990.6	2144.6	2295.0	2414.9	2528.6
50°	1063.0	1301.2	1526.3	1718.7	1904.9	2088.7	2279.2	2471.7	2637.5	2774.6	2892.9
47.5°	1170.1	1427.1	1713.1	1925.9	2149.3	2377.2	2608.5	2821.1	3001.7	3188.2	3318.9
45°	1274.3	1554.6	1864.9	2160.2	2418.6	2694.7	2949.3	3183.9	3445.6	3649.3	3824.0
42.5°	1369.5	1675.3	2020.7	2396.5	2719.8	3015.9	3291.6	3621.6	3922.3	4160.4	4378.3
40°	1467.5	1785.1	2162.3	2616.1	3020.0	3336.2	3671.7	4036.4	4427.7	4720.7	4981.3
37.5°	1557.0	1897.5	2291.9	2783.6	3315.6	3663.2	4034.2	4429.8	4876.1	5316.7	5629.9
35°	1636.2	1992.6	2420.6	2919.9	3464.6	3980.2	4372.6	4793.9	5282.2	5854.1	6281.7
32.5°	1708.0	2070.3	2522.5	3026.3	3578.8	4183.3	4681.1	5113.7	5603.6	6193.7	6919.9
30°	1766.6	2145.5	2598.6	3103.1	3657.2	4259.3	4891.5	5362.8	5827.8	6406.9	7082.7
27.5°	1811.0	2200.7	2650.9	3151.0	3699.2	4294.5	4902.7	5484.1	5934.2	6479.1	7093.8
25°	1845.1	2245.9	2678.6	3168.9	3705.3	4279.0	4864.2	5414.5	5919.8	6400.2	6951.8
22.5°	1873.4	2277.1	2709.1	3156.8	3677.3	4223.9	4774.3	5298.9	5788.0	6237.8	6712.3
20°	1894.6	2297.0	2724.4	3168.6	3630.4	4134.4	4660.8	5160.1	5632.5	6068.0	6454.2
17.5°	1904.1	2302.9	2724.4	3166.4	3622.5	4063.4	4521.7	5001.6	5466.1	5898.7	6280.2
15°	1902.4	2295.2	2709.4	3149.5	3598.8	4035.5	4457.8	4853.7	5286.2	5723.6	6103.7
12.5°	1889.8	2274.5	2679.9	3117.9	3560.2	3991.7	4406.3	4803.9	5191.7	5558.0	5921.4
10°	1866.9	2241.3	2636.5	3071.9	3506.8	3932.0	4341.3	4740.1	5123.9	5483.5	5821.9
7.5°	1843.4	2204.1	2584.4	3011.7	3438.8	3856.4	4262.0	4661.6	5037.9	5396.8	5738.5
5°	1812.3	2164.8	2544.7	2954.0	3365.7	3773.1	4170.1	4567.6	4933.9	5296.1	5639.2
2.5°	1772.8	2115.8	2494.6	2884.0	3283.9	3687.0	4070.5	4460.7	4836.3	5184.4	5522.4
0°	1725.6	2057.9	2434.1	2801.1	3188.2	3586.3	3955.1	4336.8	4727.5	5056.2	5386.7
-2.5°	1674.2	1988.5	2345.9	2711.1	3085.2	3475.6	3853.7	4215.6	4597.7	4929.9	5267.5
-5°	1616.5	1912.0	2248.4	2609.5	2970.1	3350.7	3735.9	4079.8	4445.0	4773.5	5105.4
-7.5°	1553.5	1829.3	2143.0	2495.4	2838.9	3197.9	3562.7	3893.7	4248.6	4573.5	4896.9
-10°	1487.0	1747.7	2040.6	2366.5	2690.3	3024.9	3367.6	3691.7	4032.9	4356.6	4667.7
-12.5°	1423.4	1667.3	1935.0	2231.3	2533.5	2842.7	3161.4	3474.3	3798.0	4123.2	4414.0
-15°	1356.6	1582.8	1825.9	2091.5	2369.8	2652.8	2945.5	3241.6	3545.4	3863.5	4132.2
-17.5°	1287.6	1495.0	1714.6	1948.6	2200.4	2456.6	2725.7	3011.4	3289.5	3579.3	3839.2
-20°	1216.9	1404.5	1602.4	1804.0	2027.6	2273.3	2525.1	2781.5	3034.2	3286.5	3530.6



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1145.3	1312.2	1492.2	1669.7	1882.4	2104.2	2325.1	2547.7	2774.3	2991.6	3222.5
-25°	1076.1	1226.5	1385.5	1558.0	1740.6	1936.1	2125.9	2314.1	2515.0	2718.7	2917.5
-27.5°	1009.4	1142.1	1292.2	1446.0	1598.2	1772.1	1938.3	2097.8	2273.2	2452.8	2613.4
-30°	942.5	1068.5	1200.0	1336.5	1470.4	1615.6	1759.2	1899.1	2042.0	2195.9	2335.0
-32.5°	880.5	995.6	1115.2	1234.8	1348.4	1461.1	1593.9	1718.1	1835.1	1944.7	2066.1
-35°	823.9	929.3	1033.3	1136.5	1230.0	1329.1	1440.1	1544.8	1638.6	1726.7	1819.5
-37.5°	770.4	864.3	951.9	1044.1	1127.2	1212.1	1293.8	1384.4	1460.5	1530.8	1607.0
-40°	716.8	800.8	879.7	956.6	1032.9	1103.8	1173.5	1235.1	1296.3	1363.9	1416.3
-42.5°	664.0	742.0	812.6	871.7	943.6	1004.6	1058.8	1109.9	1159.9	1212.6	1254.6
-45°	617.4	683.9	748.3	804.9	858.8	910.8	956.7	996.9	1044.3	1080.9	1112.5
-47.5°	570.4	628.0	686.9	739.1	784.2	826.4	860.6	900.9	939.8	971.2	989.7
-50°	524.2	576.8	626.7	675.4	716.2	750.2	779.6	812.8	845.1	871.7	889.4
-52.5°	481.6	525.5	571.7	613.2	650.8	681.2	709.3	738.2	761.8	780.2	803.3
-55°	439.5	480.0	518.5	555.7	587.9	615.8	643.3	668.9	689.1	705.0	724.1
-57.5°	400.0	436.5	470.1	501.3	530.2	554.2	581.0	602.9	621.7	636.5	656.2
-60°	361.4	394.1	424.7	451.9	475.6	499.2	521.0	541.1	557.6	572.3	590.3
-62.5°	323.1	352.6	380.1	405.1	426.7	446.3	466.0	483.1	496.8	512.0	527.0
-65°	287.2	312.1	336.2	359.0	379.3	398.0	414.2	428.1	441.0	454.5	466.5
-67.5°	251.4	274.6	294.9	313.0	331.8	349.8	364.8	377.6	388.5	399.5	409.6
-70°	219.3	237.8	256.3	272.6	286.9	302.0	316.6	328.7	338.3	346.9	355.2
-72.5°	187.8	204.2	219.4	233.5	246.6	258.6	270.2	281.1	290.1	296.8	302.7
-75°	158.0	170.7	183.8	196.1	206.7	216.1	224.9	233.7	241.0	246.8	251.5
-77.5°	129.3	140.0	150.1	159.5	167.2	174.6	181.5	187.8	193.4	197.8	201.0
-80°	101.5	109.3	117.4	125.2	131.1	136.1	140.5	144.2	148.4	152.6	156.4
-82.5°	75.6	81.1	86.6	91.8	95.9	99.4	102.4	105.3	108.3	111.1	113.5
-85°	49.7	52.9	56.2	59.4	62.5	65.3	67.7	69.7	71.4	72.8	73.9
-87.5°	24.9	26.5	28.0	29.3	30.8	32.3	33.6	34.9	35.7	36.4	37.0
-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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.4	28.5	28.5	28.3	28.1	27.0	25.7	24.4	22.9	23.6	24.3
85°	83.7	84.0	83.8	82.9	81.6	81.5	81.2	80.7	79.9	81.2	82.2
82.5°	157.5	158.7	158.9	158.1	156.5	157.2	157.5	157.2	156.2	157.4	158.1
80°	246.2	248.6	248.7	247.0	243.7	244.1	244.4	243.7	242.0	242.4	242.3
77.5°	350.8	356.2	358.1	357.3	353.9	352.9	350.5	345.7	338.7	338.6	338.8
75°	484.1	489.6	492.5	492.3	489.1	487.0	483.9	478.4	470.6	470.3	470.4
72.5°	631.3	639.4	643.1	646.4	646.3	645.1	641.2	633.0	620.9	619.5	620.9
70°	793.8	807.5	816.2	822.8	828.1	829.2	826.6	820.0	809.4	806.6	805.8
67.5°	974.8	996.7	1013.2	1024.3	1034.6	1042.1	1044.9	1042.0	1033.4	1030.6	1031.7
65°	1177.7	1211.4	1239.3	1260.1	1274.1	1284.0	1292.7	1297.8	1299.1	1302.1	1306.1
62.5°	1414.7	1456.2	1494.9	1521.3	1534.9	1544.5	1572.3	1588.3	1592.9	1593.9	1600.0
60°	1679.3	1731.7	1780.0	1818.9	1850.3	1874.0	1897.7	1913.3	1919.2	1920.4	1928.8
57.5°	1968.7	2034.5	2091.1	2151.2	2193.2	2217.4	2249.1	2281.7	2298.7	2303.6	2323.7
55°	2288.8	2378.6	2452.0	2516.3	2574.9	2626.4	2670.0	2703.6	2728.4	2743.4	2770.0
52.5°	2642.9	2748.4	2825.1	2900.6	2984.6	3043.8	3082.5	3144.7	3189.7	3214.4	3246.1
50°	3031.6	3149.1	3253.7	3332.9	3430.6	3511.4	3570.4	3629.2	3670.4	3694.0	3724.7
47.5°	3474.1	3618.8	3740.2	3813.6	3927.0	4022.2	4060.6	4105.0	4182.7	4220.0	4252.8
45°	3972.3	4156.9	4291.8	4406.6	4504.0	4610.8	4680.8	4731.3	4807.8	4846.2	4870.4
42.5°	4565.0	4770.4	4948.0	5085.9	5167.9	5306.4	5407.5	5435.9	5544.3	5617.8	5639.4
40°	5229.9	5457.5	5691.9	5849.0	5981.0	6121.7	6288.4	6381.2	6472.9	6544.9	6561.2
37.5°	5922.6	6227.4	6494.9	6697.7	6915.9	7123.5	7300.2	7396.6	7456.7	7594.5	7645.9
35°	6626.9	6941.4	7316.1	7631.4	7895.7	8152.0	8353.7	8512.4	8663.7	8787.7	8862.0
32.5°	7226.7	7565.1	8027.7	8499.7	8785.1	9062.7	9393.9	9575.6	9777.4	9940.8	10060.2
30°	7719.5	8041.3	8462.4	9054.8	9445.5	9726.9	10146.0	10397.3	10617.0	10894.0	10990.4
27.5°	7742.9	8245.8	8618.2	9128.3	9714.8	10000.3	10310.6	10767.2	10905.7	11300.7	11357.6
25°	7539.6	8067.7	8450.3	8876.2	9363.8	9711.2	9994.5	10374.2	10572.9	10827.0	11022.1
22.5°	7221.8	7687.1	8077.5	8438.6	8819.1	9135.4	9394.4	9661.2	9879.4	10076.5	10259.6
20°	6870.7	7312.4	7682.6	7993.2	8294.7	8587.9	8820.9	9045.0	9233.7	9402.9	9507.1
17.5°	6623.5	6941.2	7319.5	7637.6	7899.1	8129.2	8370.2	8557.8	8723.3	8875.6	8970.8
15°	6454.6	6756.9	7026.1	7318.0	7593.6	7813.0	7994.4	8188.0	8331.1	8462.1	8565.4
12.5°	6279.4	6590.8	6872.6	7115.8	7331.4	7571.1	7765.0	7917.3	8067.3	8170.2	8276.3
10°	6133.1	6424.5	6716.8	6973.5	7200.4	7397.9	7581.5	7752.2	7886.9	8002.4	8085.9
7.5°	6048.2	6333.9	6596.6	6842.9	7064.1	7274.5	7463.9	7620.5	7753.9	7873.4	7960.8
5°	5949.7	6232.5	6494.8	6746.5	6958.9	7161.1	7349.7	7510.8	7648.9	7755.4	7839.1
2.5°	5836.8	6115.8	6377.4	6633.2	6845.6	7040.6	7219.1	7376.2	7520.1	7621.5	7692.8
0°	5708.1	5987.5	6243.1	6484.1	6697.8	6907.8	7072.1	7231.0	7371.6	7472.0	7543.2
-2.5°	5578.3	5856.0	6120.6	6351.5	6563.7	6757.5	6932.4	7082.5	7216.7	7316.7	7379.3
-5°	5405.8	5681.8	5942.9	6175.7	6397.2	6591.8	6761.9	6914.5	7043.8	7152.9	7237.7
-7.5°	5197.0	5476.1	5736.9	5974.5	6195.0	6378.9	6542.3	6696.0	6834.1	6953.2	7057.5
-10°	4967.3	5243.4	5489.8	5712.4	5917.8	6104.8	6278.5	6430.4	6557.0	6673.6	6761.4
-12.5°	4699.9	4955.5	5196.5	5415.9	5616.8	5804.0	5969.2	6113.9	6241.3	6344.6	6423.8
-15°	4404.8	4647.4	4875.7	5100.0	5310.2	5494.6	5639.9	5792.4	5902.8	6003.1	6074.4
-17.5°	4089.0	4323.6	4563.8	4788.6	4982.6	5164.5	5324.5	5463.8	5579.7	5671.7	5752.1
-20°	3769.1	4007.9	4239.1	4453.3	4640.0	4808.6	4970.6	5104.4	5223.2	5323.2	5417.6



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3447.7	3666.7	3883.7	4093.3	4269.9	4429.3	4571.1	4699.1	4803.9	4921.9	5005.2
-25°	3117.4	3309.5	3505.4	3690.5	3857.5	4014.1	4142.7	4255.0	4364.2	4478.2	4559.4
-27.5°	2785.7	2955.5	3114.6	3278.5	3424.7	3560.4	3679.7	3778.0	3884.0	3960.0	4049.4
-30°	2457.6	2611.6	2744.4	2858.4	2995.9	3112.4	3205.2	3302.8	3390.4	3463.1	3538.3
-32.5°	2179.8	2285.1	2391.2	2486.5	2577.9	2673.7	2748.5	2833.7	2893.7	2956.3	3017.1
-35°	1912.9	1994.0	2064.4	2153.5	2222.1	2274.2	2336.5	2399.0	2423.1	2491.1	2527.4
-37.5°	1671.1	1724.3	1790.0	1852.1	1903.0	1942.0	1997.5	2030.2	2047.4	2091.5	2115.1
-40°	1464.2	1497.8	1559.1	1601.5	1632.1	1660.4	1706.6	1727.8	1751.4	1773.2	1773.9
-42.5°	1282.1	1325.4	1366.9	1400.2	1419.5	1451.8	1473.6	1476.0	1506.5	1525.9	1528.9
-45°	1133.2	1177.2	1210.1	1234.6	1253.8	1281.6	1295.6	1303.4	1328.3	1341.5	1347.3
-47.5°	1018.8	1049.5	1078.1	1096.9	1122.3	1142.8	1153.0	1166.1	1185.2	1197.4	1206.0
-50°	918.3	942.6	964.3	981.6	1006.8	1025.1	1034.9	1051.0	1065.3	1074.0	1080.9
-52.5°	829.8	851.5	866.6	883.4	904.3	920.5	933.1	949.0	960.8	968.6	974.6
-55°	747.0	767.4	782.1	800.4	815.4	826.3	836.9	852.5	864.2	872.0	877.2
-57.5°	674.0	689.3	703.7	720.3	734.6	746.4	755.9	764.5	772.2	778.6	783.7
-60°	605.5	618.0	631.2	644.2	655.0	663.5	673.7	681.6	686.5	689.6	693.7
-62.5°	539.8	551.0	562.7	573.2	581.7	588.9	597.1	603.6	608.2	611.4	613.9
-65°	477.3	486.9	496.8	505.5	512.9	519.1	524.9	529.5	532.7	535.4	537.6
-67.5°	418.8	426.5	433.4	439.4	444.9	450.2	455.3	458.8	460.6	462.8	465.1
-70°	362.3	368.4	373.0	376.6	379.9	384.0	388.9	392.4	394.4	396.6	398.6
-72.5°	307.7	312.2	315.9	318.9	320.7	323.4	326.8	329.6	331.7	333.3	334.1
-75°	255.2	258.8	262.1	264.5	265.8	267.7	269.5	270.4	270.5	271.3	271.8
-77.5°	203.8	207.4	210.5	212.7	214.1	215.6	216.9	217.6	217.7	217.8	217.3
-80°	159.1	161.6	163.6	165.1	166.1	167.2	167.9	168.0	167.7	168.0	168.1
-82.5°	115.6	117.8	119.6	120.9	121.8	122.9	123.8	124.4	124.8	124.9	124.8
-85°	74.8	75.8	76.8	77.6	78.4	78.9	79.2	79.3	79.1	79.2	79.0
-87.5°	37.4	37.0	36.4	35.6	34.7	35.0	35.1	35.2	35.3	35.6	35.9
-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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.9	25.5	23.7	21.9	23.7	25.5	24.9	24.3	23.6	22.9	24.4
85°	83.0	83.6	82.0	80.3	82.0	83.6	83.0	82.2	81.2	79.9	80.7
82.5°	158.3	158.1	156.9	155.2	156.9	158.1	158.3	158.1	157.4	156.2	157.2
80°	241.4	239.8	238.9	237.4	238.9	239.8	241.4	242.3	242.4	242.0	243.7
77.5°	337.9	336.1	339.1	341.5	339.1	336.1	337.9	338.8	338.6	338.7	345.7
75°	468.6	465.0	461.5	456.5	461.5	465.0	468.6	470.4	470.3	470.6	478.4
72.5°	620.2	617.3	614.6	609.9	614.6	617.3	620.2	620.9	619.5	620.9	633.0
70°	800.9	792.4	793.8	794.3	793.8	792.4	800.9	805.8	806.6	809.4	820.0
67.5°	1028.4	1020.6	1021.6	1020.7	1021.6	1020.6	1028.4	1031.7	1030.6	1033.4	1042.0
65°	1303.7	1295.0	1284.5	1269.1	1284.5	1295.0	1303.7	1306.1	1302.1	1299.1	1297.8
62.5°	1599.3	1591.6	1596.1	1599.6	1596.1	1591.6	1599.3	1600.0	1593.9	1592.9	1588.3
60°	1927.5	1916.7	1911.4	1902.7	1911.4	1916.7	1927.5	1928.8	1920.4	1919.2	1913.3
57.5°	2332.9	2330.9	2326.1	2313.5	2326.1	2330.9	2332.9	2323.7	2303.6	2298.7	2281.7
55°	2782.4	2779.9	2790.2	2802.9	2790.2	2779.9	2782.4	2770.0	2743.4	2728.4	2703.6
52.5°	3269.5	3277.7	3274.8	3257.6	3274.8	3277.7	3269.5	3246.1	3214.4	3189.7	3144.7
50°	3751.7	3760.9	3770.7	3779.8	3770.7	3760.9	3751.7	3724.7	3694.0	3670.4	3629.2
47.5°	4298.1	4322.5	4326.7	4309.4	4326.7	4322.5	4298.1	4252.8	4220.0	4182.7	4105.0
45°	4919.0	4933.7	4941.1	4955.8	4941.1	4933.7	4919.0	4870.4	4846.2	4807.8	4731.3
42.5°	5701.7	5718.7	5721.3	5737.3	5721.3	5718.7	5701.7	5639.4	5617.8	5544.3	5435.9
40°	6630.8	6658.3	6653.5	6646.7	6653.5	6658.3	6630.8	6561.2	6544.9	6472.9	6381.2
37.5°	7718.4	7765.1	7770.0	7798.9	7770.0	7765.1	7718.4	7645.9	7594.5	7456.7	7396.6
35°	8938.9	8993.9	8984.4	8998.6	8984.4	8993.9	8938.9	8862.0	8787.7	8663.7	8512.4
32.5°	10170.1	10252.7	10269.3	10338.8	10269.3	10252.7	10170.1	10060.2	9940.8	9777.4	9575.6
30°	11137.4	11253.2	11328.7	11323.1	11328.7	11253.2	11137.4	10990.4	10894.0	10617.0	10397.3
27.5°	11538.1	11688.1	11828.5	11870.9	11828.5	11688.1	11538.1	11357.6	11300.7	10905.7	10767.2
25°	11147.2	11256.7	11380.7	11447.2	11380.7	11256.7	11147.2	11022.1	10827.0	10572.9	10374.2
22.5°	10343.8	10415.1	10457.3	10422.8	10457.3	10415.1	10343.8	10259.6	10076.5	9879.4	9661.2
20°	9614.8	9705.0	9721.8	9758.2	9721.8	9705.0	9614.8	9507.1	9402.9	9233.7	9045.0
17.5°	9072.3	9131.4	9166.1	9173.9	9166.1	9131.4	9072.3	8970.8	8875.6	8723.3	8557.8
15°	8647.1	8694.4	8725.5	8739.3	8725.5	8694.4	8647.1	8565.4	8462.1	8331.1	8188.0
12.5°	8345.8	8403.5	8431.7	8448.9	8431.7	8403.5	8345.8	8276.3	8170.2	8067.3	7917.3
10°	8152.5	8208.2	8230.6	8238.9	8230.6	8208.2	8152.5	8085.9	8002.4	7886.9	7752.2
7.5°	8013.8	8049.5	8064.6	8076.4	8064.6	8049.5	8013.8	7960.8	7873.4	7753.9	7620.5
5°	7901.8	7930.3	7946.3	7963.2	7946.3	7930.3	7901.8	7839.1	7755.4	7648.9	7510.8
2.5°	7749.5	7790.2	7818.3	7835.4	7818.3	7790.2	7749.5	7692.8	7621.5	7520.1	7376.2
0°	7599.8	7638.2	7658.3	7691.1	7658.3	7638.2	7599.8	7543.2	7472.0	7371.6	7231.0
-2.5°	7435.3	7479.7	7532.5	7583.4	7532.5	7479.7	7435.3	7379.3	7316.7	7216.7	7082.5
-5°	7309.4	7368.1	7379.1	7411.8	7379.1	7368.1	7309.4	7237.7	7152.9	7043.8	6914.5
-7.5°	7119.6	7146.4	7191.8	7199.9	7191.8	7146.4	7119.6	7057.5	6953.2	6834.1	6696.0
-10°	6827.1	6870.6	6898.9	6927.9	6898.9	6870.6	6827.1	6761.4	6673.6	6557.0	6430.4
-12.5°	6483.3	6534.4	6580.1	6573.6	6580.1	6534.4	6483.3	6423.8	6344.6	6241.3	6113.9
-15°	6148.3	6197.8	6229.1	6224.9	6229.1	6197.8	6148.3	6074.4	6003.1	5902.8	5792.4
-17.5°	5815.9	5861.1	5906.4	5905.3	5906.4	5861.1	5815.9	5752.1	5671.7	5579.7	5463.8
-20°	5472.7	5511.3	5559.9	5580.3	5559.9	5511.3	5472.7	5417.6	5323.2	5223.2	5104.4



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5075.8	5125.1	5160.5	5182.2	5160.5	5125.1	5075.8	5005.2	4921.9	4803.9	4699.1
-25°	4613.2	4663.8	4690.6	4700.1	4690.6	4663.8	4613.2	4559.4	4478.2	4364.2	4255.0
-27.5°	4102.0	4158.8	4186.4	4172.4	4186.4	4158.8	4102.0	4049.4	3960.0	3884.0	3778.0
-30°	3577.9	3614.3	3618.5	3650.2	3618.5	3614.3	3577.9	3538.3	3463.1	3390.4	3302.8
-32.5°	3060.7	3085.1	3071.2	3073.2	3071.2	3085.1	3060.7	3017.1	2956.3	2893.7	2833.7
-35°	2550.0	2569.5	2573.4	2609.4	2573.4	2569.5	2550.0	2527.4	2491.1	2423.1	2399.0
-37.5°	2139.5	2147.3	2135.3	2118.2	2135.3	2147.3	2139.5	2115.1	2091.5	2047.4	2030.2
-40°	1791.3	1797.4	1792.9	1784.0	1792.9	1797.4	1791.3	1773.9	1773.2	1751.4	1727.8
-42.5°	1540.8	1540.9	1536.8	1535.7	1536.8	1540.9	1540.8	1528.9	1525.9	1506.5	1476.0
-45°	1355.8	1357.7	1357.4	1356.7	1357.4	1357.7	1355.8	1347.3	1341.5	1328.3	1303.4
-47.5°	1212.2	1212.6	1210.7	1207.0	1210.7	1212.6	1212.2	1206.0	1197.4	1185.2	1166.1
-50°	1085.1	1085.1	1087.6	1092.0	1087.6	1085.1	1085.1	1080.9	1074.0	1065.3	1051.0
-52.5°	977.8	977.5	978.9	980.6	978.9	977.5	977.8	974.6	968.6	960.8	949.0
-55°	879.5	879.0	877.7	874.7	877.7	879.0	879.5	877.2	872.0	864.2	852.5
-57.5°	785.5	784.5	782.1	777.9	782.1	784.5	785.5	783.7	778.6	772.2	764.5
-60°	696.0	696.4	695.3	692.1	695.3	696.4	696.0	693.7	689.6	686.5	681.6
-62.5°	614.4	613.2	612.9	611.7	612.9	613.2	614.4	613.9	611.4	608.2	603.6
-65°	538.0	536.7	537.1	536.8	537.1	536.7	538.0	537.6	535.4	532.7	529.5
-67.5°	466.0	465.6	466.0	465.6	466.0	465.6	466.0	465.1	462.8	460.6	458.8
-70°	399.7	399.9	397.8	394.4	397.8	399.9	399.7	398.6	396.6	394.4	392.4
-72.5°	333.9	332.8	332.9	332.3	332.9	332.8	333.9	334.1	333.3	331.7	329.6
-75°	271.7	270.9	272.6	273.9	272.6	270.9	271.7	271.8	271.3	270.5	270.4
-77.5°	216.3	214.7	216.1	217.3	216.1	214.7	216.3	217.3	217.8	217.7	217.6
-80°	167.9	167.4	166.9	166.2	166.9	167.4	167.9	168.1	168.0	167.7	168.0
-82.5°	124.4	123.7	123.1	122.3	123.1	123.7	124.4	124.8	124.9	124.8	124.4
-85°	78.7	78.2	79.3	80.3	79.3	78.2	78.7	79.0	79.2	79.1	79.3
-87.5°	36.2	36.4	35.6	34.7	35.6	36.4	36.2	35.9	35.6	35.3	35.2
-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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	25.7	27.0	28.1	28.3	28.5	28.5	28.4	28.2	28.0	27.6	27.1
85°	81.2	81.5	81.6	82.9	83.8	84.0	83.7	82.3	80.3	77.7	74.6
82.5°	157.5	157.2	156.5	158.1	158.9	158.7	157.5	154.4	150.4	145.5	139.5
80°	244.4	244.1	243.7	247.0	248.7	248.6	246.2	240.7	233.3	225.8	218.3
77.5°	350.5	352.9	353.9	357.3	358.1	356.2	350.8	342.3	334.9	325.1	312.4
75°	483.9	487.0	489.1	492.3	492.5	489.6	484.1	473.8	460.2	443.2	420.5
72.5°	641.2	645.1	646.3	646.4	643.1	639.4	631.3	617.5	599.6	577.6	547.5
70°	826.6	829.2	828.1	822.8	816.2	807.5	793.8	774.5	749.7	723.7	686.9
67.5°	1044.9	1042.1	1034.6	1024.3	1013.2	996.7	974.8	947.0	918.4	885.8	836.2
65°	1292.7	1284.0	1274.1	1260.1	1239.3	1211.4	1177.7	1142.5	1105.2	1059.7	997.1
62.5°	1572.3	1544.5	1534.9	1521.3	1494.9	1456.2	1414.7	1370.0	1314.3	1249.3	1186.4
60°	1897.7	1874.0	1850.3	1818.9	1780.0	1731.7	1679.3	1618.8	1550.2	1477.7	1393.6
57.5°	2249.1	2217.4	2193.2	2151.2	2091.1	2034.5	1968.7	1885.2	1803.0	1719.1	1618.5
55°	2670.0	2626.4	2574.9	2516.3	2452.0	2378.6	2288.8	2191.4	2090.8	1975.2	1868.0
52.5°	3082.5	3043.8	2984.6	2900.6	2825.1	2748.4	2642.9	2528.6	2414.9	2295.0	2144.6
50°	3570.4	3511.4	3430.6	3332.9	3253.7	3149.1	3031.6	2892.9	2774.6	2637.5	2471.7
47.5°	4060.6	4022.2	3927.0	3813.6	3740.2	3618.8	3474.1	3318.9	3188.2	3001.7	2821.1
45°	4680.8	4610.8	4504.0	4406.6	4291.8	4156.9	3972.3	3824.0	3649.3	3445.6	3183.9
42.5°	5407.5	5306.4	5167.9	5085.9	4948.0	4770.4	4565.0	4378.3	4160.4	3922.3	3621.6
40°	6288.4	6121.7	5981.0	5849.0	5691.9	5457.5	5229.9	4981.3	4720.7	4427.7	4036.4
37.5°	7300.2	7123.5	6915.9	6697.7	6494.9	6227.4	5922.6	5629.9	5316.7	4876.1	4429.8
35°	8353.7	8152.0	7895.7	7631.4	7316.1	6941.4	6626.9	6281.7	5854.1	5282.2	4793.9
32.5°	9393.9	9062.7	8785.1	8499.7	8027.7	7565.1	7226.7	6919.9	6193.7	5603.6	5113.7
30°	10146.0	9726.9	9445.5	9054.8	8462.4	8041.3	7719.5	7082.7	6406.9	5827.8	5362.8
27.5°	10310.6	10000.3	9714.8	9128.3	8618.2	8245.8	7742.9	7093.8	6479.1	5934.2	5484.1
25°	9994.5	9711.2	9363.8	8876.2	8450.3	8067.7	7539.6	6951.8	6400.2	5919.8	5414.5
22.5°	9394.4	9135.4	8819.1	8438.6	8077.5	7687.1	7221.8	6712.3	6237.8	5788.0	5298.9
20°	8820.9	8587.9	8294.7	7993.2	7682.6	7312.4	6870.7	6454.2	6068.0	5632.5	5160.1
17.5°	8370.2	8129.2	7899.1	7637.6	7319.5	6941.2	6623.5	6280.2	5898.7	5466.1	5001.6
15°	7994.4	7813.0	7593.6	7318.0	7026.1	6756.9	6454.6	6103.7	5723.6	5286.2	4853.7
12.5°	7765.0	7571.1	7331.4	7115.8	6872.6	6590.8	6279.4	5921.4	5558.0	5191.7	4803.9
10°	7581.5	7397.9	7200.4	6973.5	6716.8	6424.5	6133.1	5821.9	5483.5	5123.9	4740.1
7.5°	7463.9	7274.5	7064.1	6842.9	6596.6	6333.9	6048.2	5738.5	5396.8	5037.9	4661.6
5°	7349.7	7161.1	6958.9	6746.5	6494.8	6232.5	5949.7	5639.2	5296.1	4933.9	4567.6
2.5°	7219.1	7040.6	6845.6	6633.2	6377.4	6115.8	5836.8	5522.4	5184.4	4836.3	4460.7
0°	7072.1	6907.8	6697.8	6484.1	6243.1	5987.5	5708.1	5386.7	5056.2	4727.5	4336.8
-2.5°	6932.4	6757.5	6563.7	6351.5	6120.6	5856.0	5578.3	5267.5	4929.9	4597.7	4215.6
-5°	6761.9	6591.8	6397.2	6175.7	5942.9	5681.8	5405.8	5105.4	4773.5	4445.0	4079.8
-7.5°	6542.3	6378.9	6195.0	5974.5	5736.9	5476.1	5197.0	4896.9	4573.5	4248.6	3893.7
-10°	6278.5	6104.8	5917.8	5712.4	5489.8	5243.4	4967.3	4667.7	4356.6	4032.9	3691.7
-12.5°	5969.2	5804.0	5616.8	5415.9	5196.5	4955.5	4699.9	4414.0	4123.2	3798.0	3474.3
-15°	5639.9	5494.6	5310.2	5100.0	4875.7	4647.4	4404.8	4132.2	3863.5	3545.4	3241.6
-17.5°	5324.5	5164.5	4982.6	4788.6	4563.8	4323.6	4089.0	3839.2	3579.3	3289.5	3011.4
-20°	4970.6	4808.6	4640.0	4453.3	4239.1	4007.9	3769.1	3530.6	3286.5	3034.2	2781.5



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4571.1	4429.3	4269.9	4093.3	3883.7	3666.7	3447.7	3222.5	2991.6	2774.3	2547.7
-25°	4142.7	4014.1	3857.5	3690.5	3505.4	3309.5	3117.4	2917.5	2718.7	2515.0	2314.1
-27.5°	3679.7	3560.4	3424.7	3278.5	3114.6	2955.5	2785.7	2613.4	2452.8	2273.2	2097.8
-30°	3205.2	3112.4	2995.9	2858.4	2744.4	2611.6	2457.6	2335.0	2195.9	2042.0	1899.1
-32.5°	2748.5	2673.7	2577.9	2486.5	2391.2	2285.1	2179.8	2066.1	1944.7	1835.1	1718.1
-35°	2336.5	2274.2	2222.1	2153.5	2064.4	1994.0	1912.9	1819.5	1726.7	1638.6	1544.8
-37.5°	1997.5	1942.0	1903.0	1852.1	1790.0	1724.3	1671.1	1607.0	1530.8	1460.5	1384.4
-40°	1706.6	1660.4	1632.1	1601.5	1559.1	1497.8	1464.2	1416.3	1363.9	1296.3	1235.1
-42.5°	1473.6	1451.8	1419.5	1400.2	1366.9	1325.4	1282.1	1254.6	1212.6	1159.9	1109.9
-45°	1295.6	1281.6	1253.8	1234.6	1210.1	1177.2	1133.2	1112.5	1080.9	1044.3	996.9
-47.5°	1153.0	1142.8	1122.3	1096.9	1078.1	1049.5	1018.8	989.7	971.2	939.8	900.9
-50°	1034.9	1025.1	1006.8	981.6	964.3	942.6	918.3	889.4	871.7	845.1	812.8
-52.5°	933.1	920.5	904.3	883.4	866.6	851.5	829.8	803.3	780.2	761.8	738.2
-55°	836.9	826.3	815.4	800.4	782.1	767.4	747.0	724.1	705.0	689.1	668.9
-57.5°	755.9	746.4	734.6	720.3	703.7	689.3	674.0	656.2	636.5	621.7	602.9
-60°	673.7	663.5	655.0	644.2	631.2	618.0	605.5	590.3	572.3	557.6	541.1
-62.5°	597.1	588.9	581.7	573.2	562.7	551.0	539.8	527.0	512.0	496.8	483.1
-65°	524.9	519.1	512.9	505.5	496.8	486.9	477.3	466.5	454.5	441.0	428.1
-67.5°	455.3	450.2	444.9	439.4	433.4	426.5	418.8	409.6	399.5	388.5	377.6
-70°	388.9	384.0	379.9	376.6	373.0	368.4	362.3	355.2	346.9	338.3	328.7
-72.5°	326.8	323.4	320.7	318.9	315.9	312.2	307.7	302.7	296.8	290.1	281.1
-75°	269.5	267.7	265.8	264.5	262.1	258.8	255.2	251.5	246.8	241.0	233.7
-77.5°	216.9	215.6	214.1	212.7	210.5	207.4	203.8	201.0	197.8	193.4	187.8
-80°	167.9	167.2	166.1	165.1	163.6	161.6	159.1	156.4	152.6	148.4	144.2
-82.5°	123.8	122.9	121.8	120.9	119.6	117.8	115.6	113.5	111.1	108.3	105.3
-85°	79.2	78.9	78.4	77.6	76.8	75.8	74.8	73.9	72.8	71.4	69.7
-87.5°	35.1	35.0	34.7	35.6	36.4	37.0	37.4	37.0	36.4	35.7	34.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.5	25.8	25.0	24.1	23.6	22.8	21.9	20.8	19.0	17.2	15.2
85°	70.8	66.5	61.6	56.2	51.1	45.7	43.9	41.6	38.0	34.3	30.4
82.5°	132.2	125.8	119.1	111.7	103.5	94.8	85.7	75.9	63.9	52.5	45.6
80°	208.7	198.0	186.2	173.4	159.1	143.9	131.4	117.7	100.8	84.5	68.8
77.5°	295.7	277.6	258.0	241.2	223.8	205.0	184.7	161.9	137.3	116.2	95.9
75°	392.7	369.8	346.3	320.7	293.5	266.1	242.0	214.1	180.8	148.4	122.7
72.5°	513.3	477.9	441.4	403.9	371.3	337.8	303.3	265.5	226.4	188.2	151.1
70°	642.5	593.6	547.8	502.7	455.8	409.4	369.3	322.6	271.3	227.4	184.8
67.5°	779.9	726.7	668.4	604.5	548.0	493.1	436.8	380.2	322.8	265.9	217.8
65°	936.2	868.8	796.0	725.8	650.9	577.6	514.7	439.9	373.3	310.4	250.0
62.5°	1107.9	1019.9	940.8	852.5	764.9	678.4	589.9	505.7	424.3	353.9	285.9
60°	1302.4	1205.9	1094.8	996.0	890.4	784.3	679.1	569.3	480.5	396.2	322.7
57.5°	1516.4	1403.0	1284.1	1153.5	1029.5	904.0	768.2	642.0	534.6	442.2	358.0
55°	1740.1	1612.6	1478.4	1334.7	1181.6	1036.7	861.9	716.4	589.4	487.6	390.8
52.5°	1990.6	1838.2	1683.3	1521.4	1352.8	1165.6	965.8	786.6	650.8	531.1	425.7
50°	2279.2	2088.7	1904.9	1718.7	1526.3	1301.2	1063.0	870.5	708.5	574.9	458.8
47.5°	2608.5	2377.2	2149.3	1925.9	1713.1	1427.1	1170.1	950.5	762.1	621.7	489.7
45°	2949.3	2694.7	2418.6	2160.2	1864.9	1554.6	1274.3	1024.1	827.0	662.5	518.2
42.5°	3291.6	3015.9	2719.8	2396.5	2020.7	1675.3	1369.5	1107.0	886.8	699.9	548.0
40°	3671.7	3336.2	3020.0	2616.1	2162.3	1785.1	1467.5	1184.7	940.6	737.6	578.0
37.5°	4034.2	3663.2	3315.6	2783.6	2291.9	1897.5	1557.0	1254.2	989.8	778.4	605.1
35°	4372.6	3980.2	3464.6	2919.9	2420.6	1992.6	1636.2	1319.7	1042.1	814.3	629.5
32.5°	4681.1	4183.3	3578.8	3026.3	2522.5	2070.3	1708.0	1378.1	1086.9	845.3	651.1
30°	4891.5	4259.3	3657.2	3103.1	2598.6	2145.5	1766.6	1426.5	1124.1	871.5	671.2
27.5°	4902.7	4294.5	3699.2	3151.0	2650.9	2200.7	1811.0	1464.9	1153.8	895.8	691.9
25°	4864.2	4279.0	3705.3	3168.9	2678.6	2245.9	1845.1	1493.8	1181.1	919.4	708.9
22.5°	4774.3	4223.9	3677.3	3156.8	2709.1	2277.1	1873.4	1518.5	1203.2	937.2	722.1
20°	4660.8	4134.4	3630.4	3168.6	2724.4	2297.0	1894.6	1534.4	1217.5	949.3	731.7
17.5°	4521.7	4063.4	3622.5	3166.4	2724.4	2302.9	1904.1	1541.8	1224.2	956.0	737.7
15°	4457.8	4035.5	3598.8	3149.5	2709.4	2295.2	1902.4	1540.8	1223.8	957.3	741.8
12.5°	4406.3	3991.7	3560.2	3117.9	2679.9	2274.5	1889.8	1531.6	1216.4	957.3	744.9
10°	4341.3	3932.0	3506.8	3071.9	2636.5	2241.3	1866.9	1517.7	1212.8	955.7	745.1
7.5°	4262.0	3856.4	3438.8	3011.7	2584.4	2204.1	1843.4	1502.2	1205.1	950.1	742.5
5°	4170.1	3773.1	3365.7	2954.0	2544.7	2164.8	1812.3	1479.1	1192.3	940.6	737.3
2.5°	4070.5	3687.0	3283.9	2884.0	2494.6	2115.8	1772.8	1449.3	1174.6	927.6	729.5
0°	3955.1	3586.3	3188.2	2801.1	2434.1	2057.9	1725.6	1413.3	1152.2	911.2	719.4
-2.5°	3853.7	3475.6	3085.2	2711.1	2345.9	1988.5	1674.2	1377.1	1127.4	895.1	708.8
-5°	3735.9	3350.7	2970.1	2609.5	2248.4	1912.0	1616.5	1336.2	1098.6	876.1	696.2
-7.5°	3562.7	3197.9	2838.9	2495.4	2143.0	1829.3	1553.5	1291.2	1066.3	854.6	681.6
-10°	3367.6	3024.9	2690.3	2366.5	2040.6	1747.7	1487.0	1242.7	1030.8	830.6	665.3
-12.5°	3161.4	2842.7	2533.5	2231.3	1935.0	1667.3	1423.4	1195.0	992.9	804.5	647.4
-15°	2945.5	2652.8	2369.8	2091.5	1825.9	1582.8	1356.6	1146.3	955.7	777.8	627.9
-17.5°	2725.7	2456.6	2200.4	1948.6	1714.6	1495.0	1287.6	1095.1	916.4	751.0	608.5
-20°	2525.1	2273.3	2027.6	1804.0	1602.4	1404.5	1216.9	1041.9	875.3	722.8	588.8



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	2325.1	2104.2	1882.4	1669.7	1492.2	1312.2	1145.3	987.1	832.9	693.4	567.8
-25°	2125.9	1936.1	1740.6	1558.0	1385.5	1226.5	1076.1	930.9	789.4	662.9	545.4
-27.5°	1938.3	1772.1	1598.2	1446.0	1292.2	1142.1	1009.4	877.6	747.2	631.6	521.9
-30°	1759.2	1615.6	1470.4	1336.5	1200.0	1068.5	942.5	824.4	708.8	601.3	497.3
-32.5°	1593.9	1461.1	1348.4	1234.8	1115.2	995.6	880.5	771.5	670.1	571.1	474.4
-35°	1440.1	1329.1	1230.0	1136.5	1033.3	929.3	823.9	719.1	631.5	540.0	451.7
-37.5°	1293.8	1212.1	1127.2	1044.1	951.9	864.3	770.4	675.9	593.0	508.2	428.6
-40°	1173.5	1103.8	1032.9	956.6	879.7	800.8	716.8	634.9	555.5	475.6	405.0
-42.5°	1058.8	1004.6	943.6	871.7	812.6	742.0	664.0	593.2	519.3	446.3	381.2
-45°	956.7	910.8	858.8	804.9	748.3	683.9	617.4	551.1	483.1	418.7	358.1
-47.5°	860.6	826.4	784.2	739.1	686.9	628.0	570.4	511.0	446.8	391.1	336.0
-50°	779.6	750.2	716.2	675.4	626.7	576.8	524.2	471.1	416.3	363.9	313.5
-52.5°	709.3	681.2	650.8	613.2	571.7	525.5	481.6	431.9	385.3	337.5	290.5
-55°	643.3	615.8	587.9	555.7	518.5	480.0	439.5	397.2	353.7	311.3	267.5
-57.5°	581.0	554.2	530.2	501.3	470.1	436.5	400.0	362.0	323.5	284.6	247.1
-60°	521.0	499.2	475.6	451.9	424.7	394.1	361.4	327.3	293.5	258.3	226.4
-62.5°	466.0	446.3	426.7	405.1	380.1	352.6	323.1	294.2	263.2	234.6	205.4
-65°	414.2	398.0	379.3	359.0	336.2	312.1	287.2	260.7	235.8	210.7	184.3
-67.5°	364.8	349.8	331.8	313.0	294.9	274.6	251.4	230.2	209.0	186.4	163.5
-70°	316.6	302.0	286.9	272.6	256.3	237.8	219.3	200.8	182.0	163.3	142.5
-72.5°	270.2	258.6	246.6	233.5	219.4	204.2	187.8	171.8	156.8	140.0	121.4
-75°	224.9	216.1	206.7	196.1	183.8	170.7	158.0	144.9	131.6	116.7	102.7
-77.5°	181.5	174.6	167.2	159.5	150.1	140.0	129.3	118.1	107.2	96.4	84.8
-80°	140.5	136.1	131.1	125.2	117.4	109.3	101.5	93.6	85.3	76.3	66.8
-82.5°	102.4	99.4	95.9	91.8	86.6	81.1	75.6	69.8	63.2	56.2	49.3
-85°	67.7	65.3	62.5	59.4	56.2	52.9	49.7	46.3	41.9	37.4	32.9
-87.5°	33.6	32.3	30.8	29.3	28.0	26.5	24.9	23.2	21.0	18.7	16.5
-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: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-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°	13.2	11.2	9.0	6.9	4.6	2.3	0.0
85°	26.4	22.3	18.1	13.7	9.2	4.5	0.0
82.5°	39.6	33.4	27.0	20.5	13.8	6.8	0.0
80°	53.9	44.5	36.0	27.3	18.4	9.0	0.0
77.5°	76.5	58.0	44.9	34.0	22.9	11.3	0.0
75°	98.9	76.0	54.6	40.7	27.4	13.5	0.0
72.5°	120.9	93.8	68.4	47.3	31.8	15.6	0.0
70°	143.3	111.3	81.9	54.5	36.1	17.8	0.0
67.5°	170.7	128.4	95.2	64.1	40.4	19.9	0.0
65°	197.3	147.3	108.2	73.6	44.6	22.0	0.0
62.5°	223.1	168.0	120.8	82.8	48.7	24.0	0.0
60°	247.9	188.0	133.0	91.7	52.7	26.0	0.0
57.5°	275.9	207.2	147.7	100.4	58.3	27.9	0.0
55°	303.2	225.6	162.0	108.8	63.8	29.7	0.0
52.5°	328.9	243.6	175.7	116.9	69.1	31.6	0.0
50°	353.2	263.3	188.7	124.6	74.2	33.3	0.0
47.5°	376.3	281.9	201.0	132.4	79.2	35.0	0.0
45°	400.5	299.2	212.6	141.1	83.9	36.6	0.0
42.5°	422.7	315.3	223.4	149.2	88.4	38.1	0.0
40°	443.0	330.0	234.4	157.0	92.7	39.6	0.0
37.5°	461.3	343.4	245.4	164.3	96.8	41.0	0.0
35°	477.6	356.8	255.4	171.2	100.6	42.3	0.0
32.5°	493.3	369.3	264.4	177.6	104.1	43.5	0.0
30°	510.1	380.3	272.5	183.5	107.5	44.7	0.0
27.5°	524.7	389.8	280.2	188.8	110.5	45.7	0.0
25°	536.9	397.8	286.9	193.7	113.3	46.7	0.0
22.5°	547.0	404.7	292.7	198.1	115.9	47.5	0.0
20°	554.8	411.6	297.6	201.9	118.1	48.3	0.0
17.5°	561.8	417.3	301.5	205.2	120.1	49.0	0.0
15°	567.5	421.8	304.5	208.0	121.8	49.6	0.0
12.5°	570.9	425.1	306.7	210.2	123.2	50.1	0.0
10°	572.3	427.2	307.9	211.9	124.3	50.5	0.0
7.5°	571.7	428.1	308.3	213.1	125.2	50.8	0.0
5°	569.2	427.8	308.0	213.8	125.7	51.0	0.0
2.5°	564.8	426.3	306.8	214.0	126.0	51.1	0.0
0°	558.8	423.6	304.9	213.6	126.0	51.1	0.0
-2.5°	552.4	419.6	303.4	212.6	125.7	51.2	0.0
-5°	544.5	414.5	301.3	211.2	125.1	51.1	0.0
-7.5°	535.1	408.4	298.4	209.2	124.3	51.0	0.0
-10°	524.4	401.4	294.9	206.8	123.1	50.8	0.0
-12.5°	512.3	393.5	290.7	203.9	121.7	50.5	0.0
-15°	499.0	384.8	285.8	200.6	120.1	50.0	0.0
-17.5°	484.6	375.4	280.3	196.9	118.2	49.5	0.0
-20°	469.7	365.3	274.2	192.7	116.1	48.9	0.0



REPORT NUMBER: P559146 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	454.7	354.6	267.5	188.2	113.7	48.2	0.0
-25°	438.8	343.9	260.1	183.2	111.1	47.4	0.0
-27.5°	422.1	332.7	252.2	177.9	108.3	46.5	0.0
-30°	404.6	320.9	243.8	172.2	105.3	45.4	0.0
-32.5°	386.5	308.3	235.0	166.2	102.1	44.3	0.0
-35°	369.6	295.2	225.8	159.8	98.6	43.1	0.0
-37.5°	352.9	281.9	216.2	153.2	95.1	41.9	0.0
-40°	335.5	269.2	206.1	146.2	91.3	40.5	0.0
-42.5°	317.6	256.0	196.1	139.0	87.4	39.0	0.0
-45°	299.1	242.5	186.2	131.6	83.3	37.5	0.0
-47.5°	280.1	228.5	175.9	123.9	79.0	35.9	0.0
-50°	262.8	214.2	165.3	117.0	74.6	34.2	0.0
-52.5°	245.4	199.6	154.3	110.2	70.1	32.4	0.0
-55°	227.8	185.5	143.1	103.2	65.5	30.6	0.0
-57.5°	209.9	171.2	131.5	96.1	60.7	28.7	0.0
-60°	191.9	156.5	119.8	88.7	55.8	26.7	0.0
-62.5°	174.2	141.6	109.9	81.2	51.6	24.7	0.0
-65°	156.3	126.5	99.8	73.5	47.4	22.6	0.0
-67.5°	138.1	112.4	89.5	65.7	43.0	20.5	0.0
-70°	119.7	99.5	79.0	57.8	38.4	18.4	0.0
-72.5°	103.9	86.5	68.4	50.6	33.8	16.2	0.0
-75°	88.3	73.3	57.7	43.5	29.2	13.9	0.0
-77.5°	72.6	60.0	48.0	36.4	24.4	11.6	0.0
-80°	56.7	47.6	38.5	29.2	19.6	9.3	0.0
-82.5°	42.5	35.8	28.9	21.9	14.7	7.0	0.0
-85°	28.3	23.9	19.3	14.6	9.8	4.7	0.0
-87.5°	14.2	12.0	9.7	7.3	4.9	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)