

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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-927-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

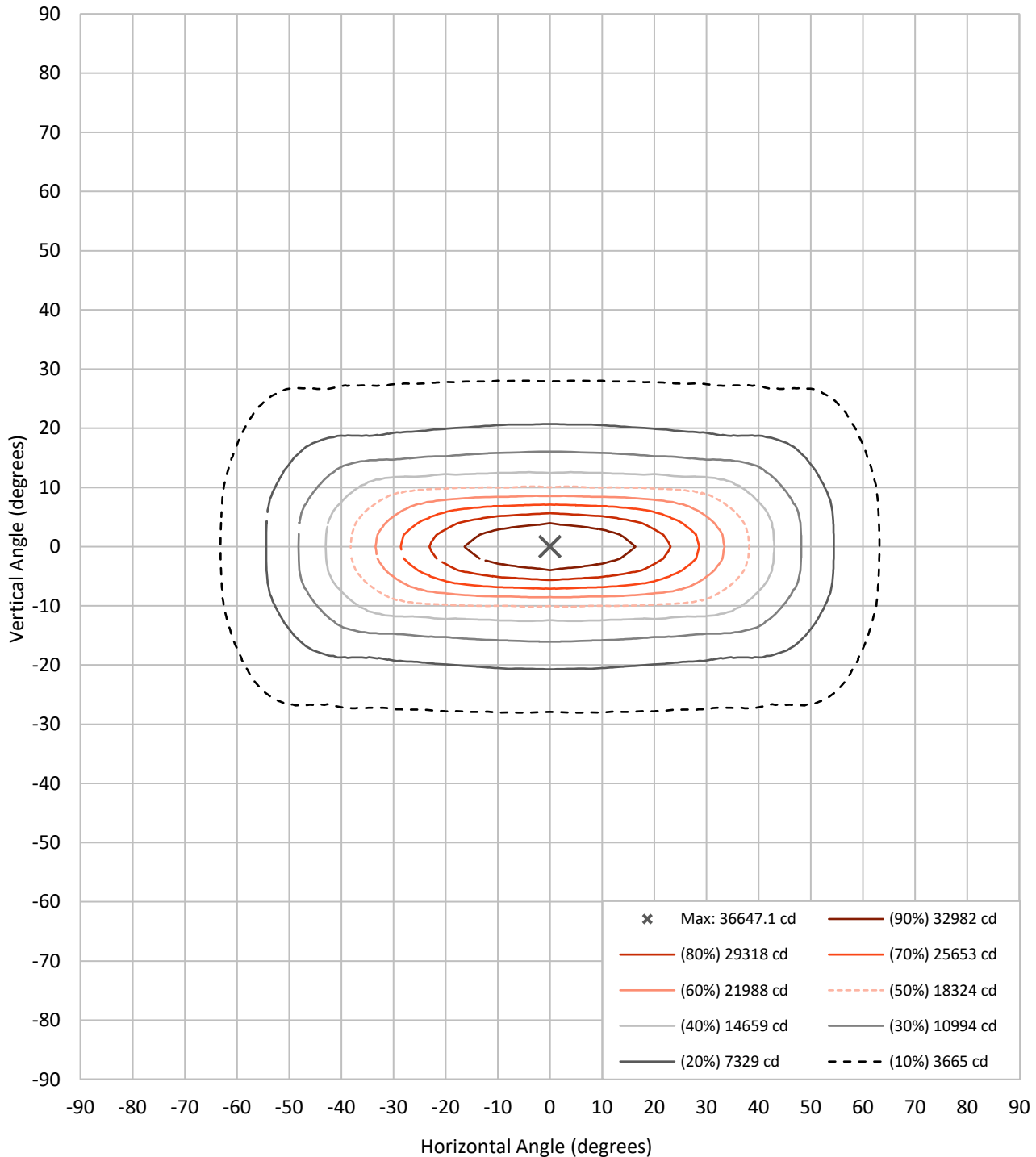
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	26245.9 lumens	Max Intensity:	36647.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	10500.9 lumens	Field Lumens:	21511.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 319
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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

Iso-Candela Plot





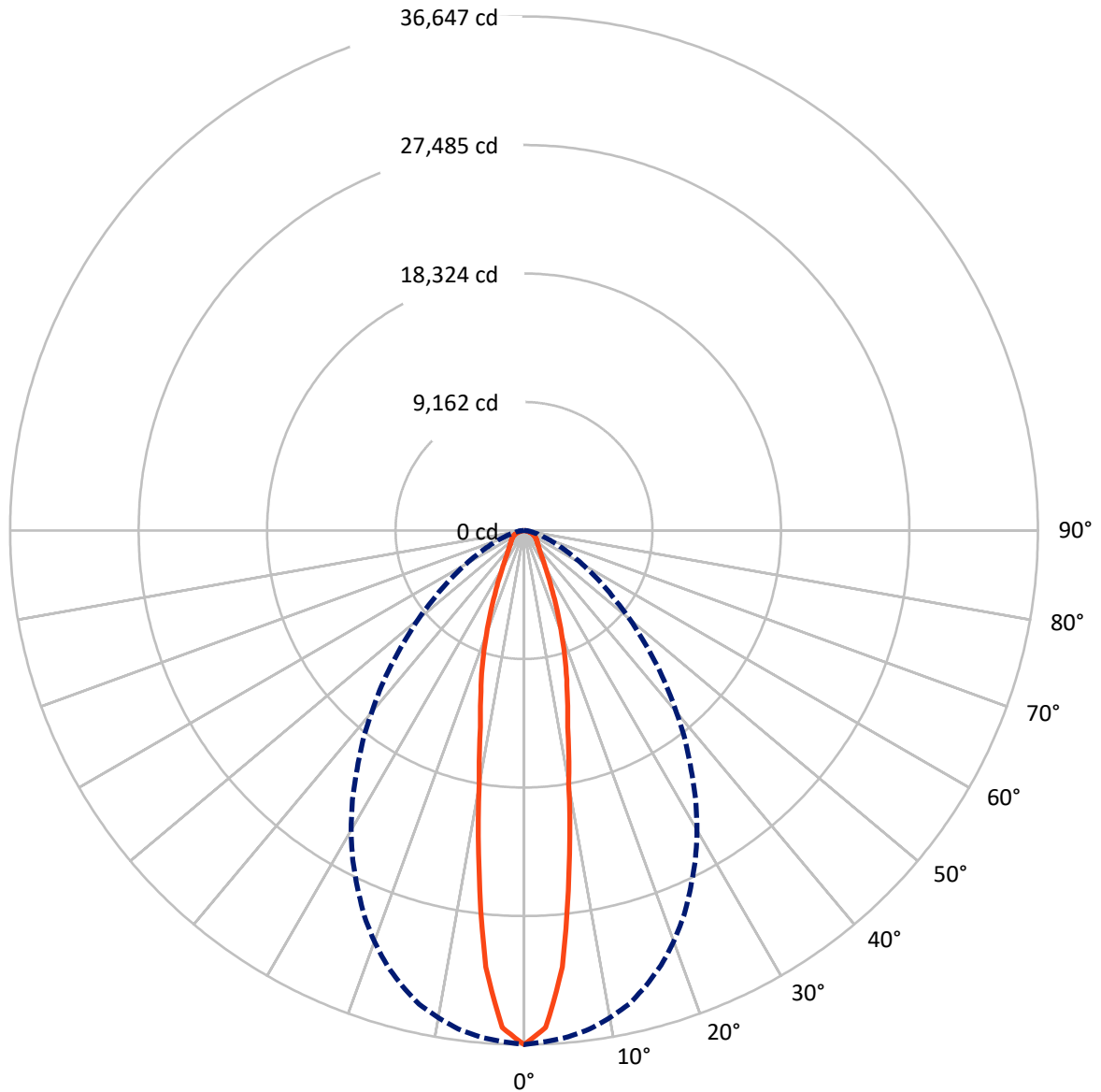
REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

Lumen Table

90																			
80	1.4	9.1		18.4		26.6		30.1		26.6		18.4		9.1		1.4			
70																			
60	5.6	5.3	9.2	12.6	15.5	18.6	21.3	22.8	22.8	21.3	18.6	15.5	12.6	9.2	5.3	5.6			
50		8.6	15.0	20.1	23.8	27.3	30.4	32.2	32.2	30.4	27.3	23.8	20.1	15.0	8.6				
40	11.3	13.1	22.8	30.1	34.9	38.4	41.3	42.8	42.8	41.3	38.4	34.9	30.1	22.8	13.1	11.3			
30		19.3	36.4	48.2	56.1	62.0	66.2	68.2	68.2	66.2	62.0	56.1	48.2	36.4	19.3				
20	17.3	27.2	62.0	92.5	111.8	129.6	144.3	152.8	152.8	144.3	129.6	111.8	92.5	62.0	27.2	17.3			
10		35.9	95.7	184.1	264.7	315.5	351.2	371.6	371.6	351.2	315.5	264.7	184.1	95.7	35.9				
0	19.8	41.2	122.8	271.2	469.1	665.5	809.9	885.8	885.8	809.9	665.5	469.1	271.2	122.8	41.2	19.8			
-10		41.2	122.8	271.2	469.1	665.5	809.9	885.8	885.8	809.9	665.5	469.1	271.2	122.8	41.2				
-20	17.3	35.9	95.7	184.1	264.7	315.5	351.2	371.6	371.6	351.2	315.5	264.7	184.1	95.7	35.9	17.3			
-30		27.2	62.0	92.5	111.8	129.6	144.3	152.8	152.8	144.3	129.6	111.8	92.5	62.0	27.2				
-40	11.3	19.3	36.4	48.2	56.1	62.0	66.2	68.2	68.2	66.2	62.0	56.1	48.2	36.4	19.3	11.3			
-50		13.1	22.8	30.1	34.9	38.4	41.3	42.8	42.8	41.3	38.4	34.9	30.1	22.8	13.1				
-60	5.6	8.6	15.0	20.1	23.8	27.3	30.4	32.2	32.2	30.4	27.3	23.8	20.1	15.0	8.6	5.6			
-70		5.3	9.2	12.6	15.5	18.6	21.3	22.8	22.8	21.3	18.6	15.5	12.6	9.2	5.3				
-80	1.4	9.1		18.4		26.6		30.1		26.6		18.4		9.1		1.4			
-90																			

REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

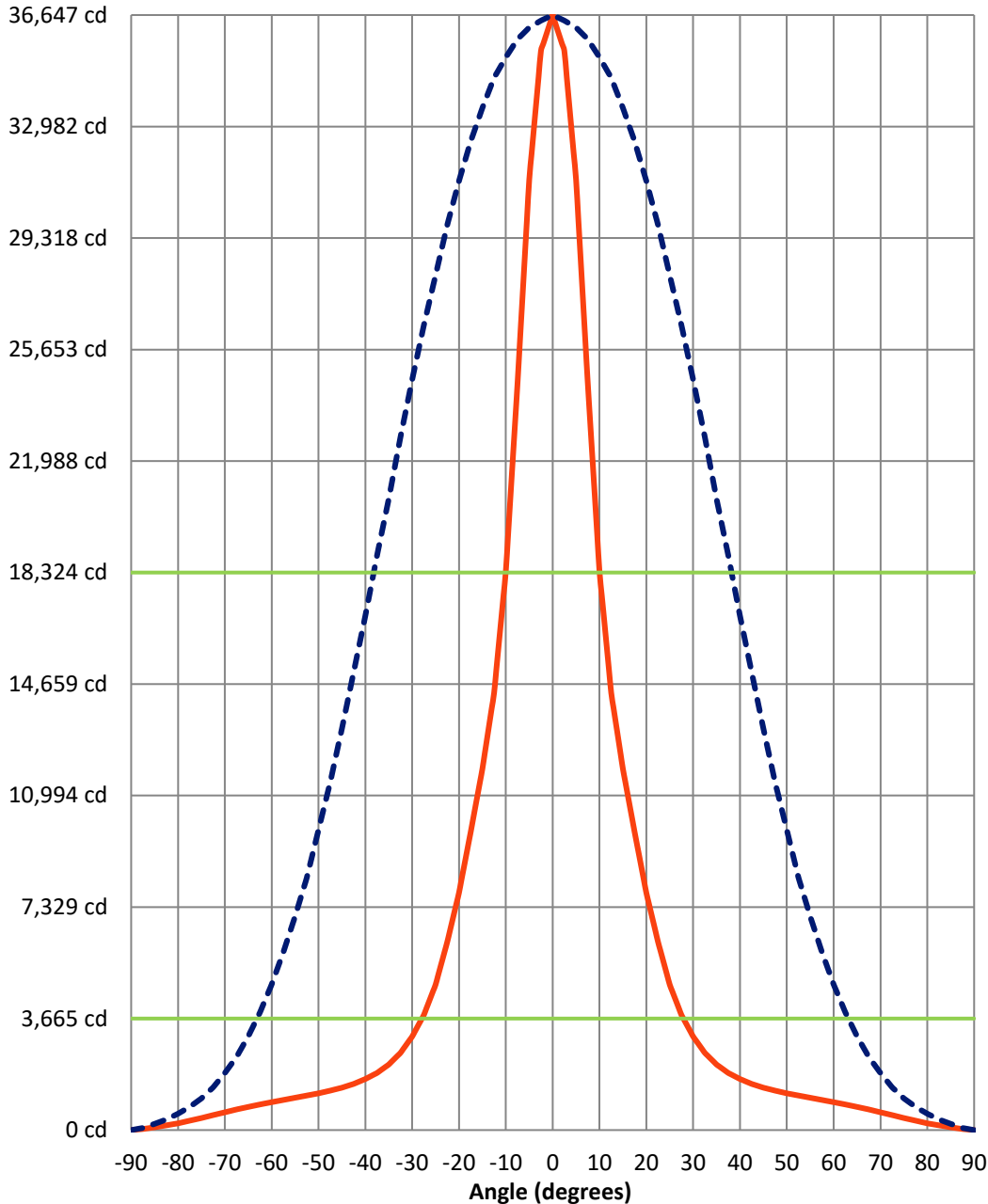
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 10500.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 21511.3
 Efficiency: 82.0%

Spill:
 Lumens: 4734.6
 Efficiency: 18.0%

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



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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	3.0	6.1	8.7	11.0	13.0	14.6	16.6	18.4	20.1	21.6
85°	0.0	6.1	12.2	17.4	21.9	25.9	29.2	33.1	36.8	40.1	43.2
82.5°	0.0	9.1	18.2	26.0	32.9	38.8	43.9	49.7	56.3	67.1	76.9
80°	0.0	12.1	24.2	34.7	43.8	51.8	60.1	76.4	91.5	105.3	117.7
77.5°	0.0	15.1	30.2	43.2	54.7	68.7	88.5	108.3	126.7	143.5	159.4
75°	0.0	18.1	36.1	51.8	67.3	93.1	116.7	140.0	162.2	184.7	203.9
72.5°	0.0	21.0	42.0	60.3	87.3	117.3	144.8	172.8	201.9	227.2	248.7
70°	0.0	23.9	47.8	70.0	107.2	141.4	173.4	209.2	241.7	269.9	297.7
67.5°	0.0	26.7	53.4	85.2	126.8	165.3	206.1	245.5	281.5	318.5	348.3
65°	0.0	29.5	59.0	100.2	146.3	191.3	238.6	281.6	327.5	367.4	402.5
62.5°	0.0	32.3	64.5	114.9	165.5	219.2	271.0	322.2	373.7	418.6	464.3
60°	0.0	34.9	69.8	129.5	184.5	246.9	303.3	364.5	420.1	476.7	526.6
57.5°	0.0	37.5	79.3	143.7	206.8	274.4	339.8	406.8	472.1	534.9	593.9
55°	0.0	40.1	88.6	157.7	229.0	301.5	376.5	448.9	525.3	595.4	665.1
52.5°	0.0	42.5	97.6	171.4	250.8	328.9	412.8	496.2	578.3	663.8	738.1
50°	0.0	44.9	106.4	184.7	272.1	358.9	448.4	544.3	634.5	733.4	824.9
47.5°	0.0	47.2	114.9	198.3	293.1	388.3	484.5	592.5	698.5	804.1	916.3
45°	0.0	49.4	123.1	213.7	313.5	417.0	526.3	640.9	764.0	890.3	1010.9
42.5°	0.0	51.5	131.0	228.6	333.4	445.0	567.8	694.5	829.6	978.6	1118.7
40°	0.0	53.5	138.6	242.5	353.9	472.2	608.8	751.2	899.6	1068.7	1232.1
37.5°	0.0	55.4	145.8	255.4	374.8	498.5	649.3	807.3	979.0	1163.0	1349.2
35°	0.0	57.3	152.7	267.6	394.9	528.5	689.3	862.5	1058.1	1267.5	1476.0
32.5°	0.0	58.9	159.2	278.9	414.1	559.8	730.2	916.8	1136.6	1373.3	1615.5
30°	0.0	60.5	165.3	289.3	432.4	590.2	773.9	972.7	1214.2	1480.1	1758.3
27.5°	0.0	62.0	171.0	298.9	447.7	619.4	816.1	1035.9	1295.5	1587.3	1903.6
25°	0.0	63.3	176.4	307.7	461.7	647.4	856.8	1097.4	1383.1	1703.9	2051.1
22.5°	0.0	64.6	181.2	315.5	474.7	672.4	895.6	1156.6	1469.1	1824.6	2212.4
20°	0.0	65.7	185.7	322.5	486.6	691.5	932.5	1213.5	1552.9	1943.5	2372.2
17.5°	0.0	66.7	189.7	328.6	497.5	708.2	960.3	1267.5	1633.8	2059.8	2529.5
15°	0.0	67.5	193.3	333.8	507.1	722.6	981.0	1310.1	1711.3	2172.4	2682.8
12.5°	0.0	68.2	196.3	338.2	515.5	734.7	998.7	1337.7	1766.8	2280.3	2830.6
10°	0.0	68.8	198.9	341.6	522.7	744.5	1013.4	1360.7	1802.4	2331.2	2946.0
7.5°	0.0	69.3	201.1	344.2	528.5	752.0	1025.0	1378.8	1831.0	2364.7	2998.2
5°	0.0	69.6	202.7	346.0	533.0	757.2	1033.5	1392.0	1852.7	2387.9	3038.7
2.5°	0.0	69.8	203.8	346.8	536.1	760.2	1038.7	1400.4	1867.2	2400.9	3066.8
0°	0.0	69.9	204.4	346.9	537.8	761.0	1040.7	1403.7	1874.3	2404.1	3081.7
-2.5°	0.0	69.8	203.8	346.8	536.1	760.2	1038.7	1400.4	1867.2	2400.9	3066.8
-5°	0.0	69.6	202.7	346.0	533.0	757.2	1033.5	1392.0	1852.7	2387.9	3038.7
-7.5°	0.0	69.3	201.1	344.2	528.5	752.0	1025.0	1378.8	1831.0	2364.7	2998.2
-10°	0.0	68.8	198.9	341.6	522.7	744.5	1013.4	1360.7	1802.4	2331.2	2946.0
-12.5°	0.0	68.2	196.3	338.2	515.5	734.7	998.7	1337.7	1766.8	2280.3	2830.6
-15°	0.0	67.5	193.3	333.8	507.1	722.6	981.0	1310.1	1711.3	2172.4	2682.8
-17.5°	0.0	66.7	189.7	328.6	497.5	708.2	960.3	1267.5	1633.8	2059.8	2529.5
-20°	0.0	65.7	185.7	322.5	486.6	691.5	932.5	1213.5	1552.9	1943.5	2372.2



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	64.6	181.2	315.5	474.7	672.4	895.6	1156.6	1469.1	1824.6	2212.4
-25°	0.0	63.3	176.4	307.7	461.7	647.4	856.8	1097.4	1383.1	1703.9	2051.1
-27.5°	0.0	62.0	171.0	298.9	447.7	619.4	816.1	1035.9	1295.5	1587.3	1903.6
-30°	0.0	60.5	165.3	289.3	432.4	590.2	773.9	972.7	1214.2	1480.1	1758.3
-32.5°	0.0	58.9	159.2	278.9	414.1	559.8	730.2	916.8	1136.6	1373.3	1615.5
-35°	0.0	57.3	152.7	267.6	394.9	528.5	689.3	862.5	1058.1	1267.5	1476.0
-37.5°	0.0	55.4	145.8	255.4	374.8	498.5	649.3	807.3	979.0	1163.0	1349.2
-40°	0.0	53.5	138.6	242.5	353.9	472.2	608.8	751.2	899.6	1068.7	1232.1
-42.5°	0.0	51.5	131.0	228.6	333.4	445.0	567.8	694.5	829.6	978.6	1118.7
-45°	0.0	49.4	123.1	213.7	313.5	417.0	526.3	640.9	764.0	890.3	1010.9
-47.5°	0.0	47.2	114.9	198.3	293.1	388.3	484.5	592.5	698.5	804.1	916.3
-50°	0.0	44.9	106.4	184.7	272.1	358.9	448.4	544.3	634.5	733.4	824.9
-52.5°	0.0	42.5	97.6	171.4	250.8	328.9	412.8	496.2	578.3	663.8	738.1
-55°	0.0	40.1	88.6	157.7	229.0	301.5	376.5	448.9	525.3	595.4	665.1
-57.5°	0.0	37.5	79.3	143.7	206.8	274.4	339.8	406.8	472.1	534.9	593.9
-60°	0.0	34.9	69.8	129.5	184.5	246.9	303.3	364.5	420.1	476.7	526.6
-62.5°	0.0	32.3	64.5	114.9	165.5	219.2	271.0	322.2	373.7	418.6	464.3
-65°	0.0	29.5	59.0	100.2	146.3	191.3	238.6	281.6	327.5	367.4	402.5
-67.5°	0.0	26.7	53.4	85.2	126.8	165.3	206.1	245.5	281.5	318.5	348.3
-70°	0.0	23.9	47.8	70.0	107.2	141.4	173.4	209.2	241.7	269.9	297.7
-72.5°	0.0	21.0	42.0	60.3	87.3	117.3	144.8	172.8	201.9	227.2	248.7
-75°	0.0	18.1	36.1	51.8	67.3	93.1	116.7	140.0	162.2	184.7	203.9
-77.5°	0.0	15.1	30.2	43.2	54.7	68.7	88.5	108.3	126.7	143.5	159.4
-80°	0.0	12.1	24.2	34.7	43.8	51.8	60.1	76.4	91.5	105.3	117.7
-82.5°	0.0	9.1	18.2	26.0	32.9	38.8	43.9	49.7	56.3	67.1	76.9
-85°	0.0	6.1	12.2	17.4	21.9	25.9	29.2	33.1	36.8	40.1	43.2
-87.5°	0.0	3.0	6.1	8.7	11.0	13.0	14.6	16.6	18.4	20.1	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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	23.3	24.9	26.4	27.8	29.1	30.2	31.3	32.3	33.7	35.0	36.3
85°	46.5	49.7	55.1	59.5	63.5	67.0	70.0	72.5	75.1	77.2	78.9
82.5°	85.6	92.8	98.5	102.8	107.8	112.1	115.8	119.0	122.3	125.4	128.1
80°	127.9	136.1	144.5	151.8	159.0	164.4	167.7	169.2	173.4	178.9	184.4
77.5°	173.5	185.8	196.7	206.1	213.7	220.5	225.3	228.2	235.0	242.8	249.6
75°	220.6	235.7	250.8	264.0	274.4	282.1	287.8	292.4	300.5	310.8	319.6
72.5°	269.8	290.1	307.9	323.3	337.3	348.0	356.0	361.2	369.3	381.4	391.2
70°	321.5	344.7	368.9	388.8	403.7	416.3	426.8	434.0	441.3	453.6	462.8
67.5°	375.1	408.2	435.0	456.0	472.7	488.2	500.0	507.7	511.0	523.4	533.7
65°	438.2	473.6	503.5	527.1	543.7	562.9	576.1	582.6	584.7	598.2	610.8
62.5°	502.5	541.7	574.4	601.5	623.1	641.3	656.1	664.4	665.8	675.8	690.4
60°	571.1	611.3	650.2	682.8	706.0	724.6	740.7	749.5	751.3	755.3	772.0
57.5°	642.6	686.0	731.5	768.1	795.0	810.5	828.1	837.8	841.8	839.4	856.5
55°	720.5	765.6	816.9	859.4	888.3	902.4	918.8	932.8	937.6	934.5	944.7
52.5°	808.6	853.6	908.3	955.0	987.2	1004.1	1015.7	1032.6	1040.3	1036.9	1034.9
50°	901.3	957.8	1003.0	1056.4	1095.3	1117.5	1117.8	1138.8	1148.9	1145.9	1132.0
47.5°	1006.2	1069.9	1104.1	1165.3	1215.9	1242.0	1243.8	1252.2	1264.6	1267.9	1256.0
45°	1119.5	1197.2	1234.0	1288.7	1345.4	1377.4	1387.0	1372.0	1394.3	1401.3	1393.8
42.5°	1238.8	1338.0	1396.1	1418.3	1484.3	1528.7	1545.9	1535.3	1534.2	1549.8	1549.5
40°	1376.7	1490.5	1577.8	1600.9	1634.3	1695.6	1731.9	1730.0	1689.3	1718.3	1725.9
37.5°	1524.0	1672.0	1779.9	1827.9	1802.7	1884.5	1937.7	1959.2	1933.9	1905.4	1937.9
35°	1679.1	1866.1	2011.5	2093.4	2097.0	2095.1	2178.4	2223.1	2226.2	2174.0	2185.8
32.5°	1852.6	2072.2	2264.8	2397.2	2457.3	2420.1	2441.8	2535.7	2581.7	2561.8	2486.6
30°	2039.0	2308.4	2544.6	2731.3	2865.6	2905.1	2815.6	2888.9	2990.8	3031.4	2998.8
27.5°	2227.5	2559.0	2858.6	3117.4	3325.4	3457.3	3460.4	3347.3	3462.8	3560.8	3598.8
25°	2419.0	2809.8	3191.5	3542.3	3857.1	4083.8	4188.1	4200.2	4038.6	4185.5	4322.4
22.5°	2623.0	3067.8	3520.8	3994.8	4433.5	4766.3	5019.2	5171.6	5166.6	5012.4	5132.7
20°	2839.0	3348.7	3876.2	4438.4	5036.7	5494.2	5918.0	6242.1	6437.3	6502.1	6375.8
17.5°	3054.5	3632.0	4249.2	4918.8	5611.2	6245.3	6880.5	7397.7	7807.5	8143.8	8264.2
15°	3267.4	3914.7	4623.7	5402.5	6202.6	6996.4	7813.0	8605.1	9302.4	9917.9	10282.9
12.5°	3475.4	4193.5	4995.3	5884.0	6802.2	7757.8	8732.2	9697.1	10701.7	11698.7	12456.6
10°	3675.9	4465.0	5359.1	6357.1	7401.4	8518.9	9649.7	10794.9	12015.2	13191.2	14323.3
7.5°	3761.6	4642.5	5672.6	6815.4	7990.4	9268.2	10553.4	11882.9	13308.7	14680.9	16063.3
5°	3814.5	4712.9	5760.7	6951.3	8258.4	9757.3	11290.7	12937.5	14564.6	16144.4	17773.4
2.5°	3849.6	4761.1	5819.5	7004.9	8298.3	9837.6	11390.3	13100.2	14925.8	16752.4	18691.8
0°	3866.9	4786.6	5848.8	7021.2	8293.2	9863.6	11428.7	13192.7	15042.8	16901.0	18885.6
-2.5°	3849.6	4761.1	5819.5	7004.9	8298.3	9837.6	11390.3	13100.2	14925.8	16752.4	18691.8
-5°	3814.5	4712.9	5760.7	6951.3	8258.4	9757.3	11290.7	12937.5	14564.6	16144.4	17773.4
-7.5°	3761.6	4642.5	5672.6	6815.4	7990.4	9268.2	10553.4	11882.9	13308.7	14680.9	16063.3
-10°	3675.9	4465.0	5359.1	6357.1	7401.4	8518.9	9649.7	10794.9	12015.2	13191.2	14323.3
-12.5°	3475.4	4193.5	4995.3	5884.0	6802.2	7757.8	8732.2	9697.1	10701.7	11698.7	12456.6
-15°	3267.4	3914.7	4623.7	5402.5	6202.6	6996.4	7813.0	8605.1	9302.4	9917.9	10282.9
-17.5°	3054.5	3632.0	4249.2	4918.8	5611.2	6245.3	6880.5	7397.7	7807.5	8143.8	8264.2
-20°	2839.0	3348.7	3876.2	4438.4	5036.7	5494.2	5918.0	6242.1	6437.3	6502.1	6375.8



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2623.0	3067.8	3520.8	3994.8	4433.5	4766.3	5019.2	5171.6	5166.6	5012.4	5132.7
-25°	2419.0	2809.8	3191.5	3542.3	3857.1	4083.8	4188.1	4200.2	4038.6	4185.5	4322.4
-27.5°	2227.5	2559.0	2858.6	3117.4	3325.4	3457.3	3460.4	3347.3	3462.8	3560.8	3598.8
-30°	2039.0	2308.4	2544.6	2731.3	2865.6	2905.1	2815.6	2888.9	2990.8	3031.4	2998.8
-32.5°	1852.6	2072.2	2264.8	2397.2	2457.3	2420.1	2441.8	2535.7	2581.7	2561.8	2486.6
-35°	1679.1	1866.1	2011.5	2093.4	2097.0	2095.1	2178.4	2223.1	2226.2	2174.0	2185.8
-37.5°	1524.0	1672.0	1779.9	1827.9	1802.7	1884.5	1937.7	1959.2	1933.9	1905.4	1937.9
-40°	1376.7	1490.5	1577.8	1600.9	1634.3	1695.6	1731.9	1730.0	1689.3	1718.3	1725.9
-42.5°	1238.8	1338.0	1396.1	1418.3	1484.3	1528.7	1545.9	1535.3	1534.2	1549.8	1549.5
-45°	1119.5	1197.2	1234.0	1288.7	1345.4	1377.4	1387.0	1372.0	1394.3	1401.3	1393.8
-47.5°	1006.2	1069.9	1104.1	1165.3	1215.9	1242.0	1243.8	1252.2	1264.6	1267.9	1256.0
-50°	901.3	957.8	1003.0	1056.4	1095.3	1117.5	1117.8	1138.8	1148.9	1145.9	1132.0
-52.5°	808.6	853.6	908.3	955.0	987.2	1004.1	1015.7	1032.6	1040.3	1036.9	1034.9
-55°	720.5	765.6	816.9	859.4	888.3	902.4	918.8	932.8	937.6	934.5	944.7
-57.5°	642.6	686.0	731.5	768.1	795.0	810.5	828.1	837.8	841.8	839.4	856.5
-60°	571.1	611.3	650.2	682.8	706.0	724.6	740.7	749.5	751.3	755.3	772.0
-62.5°	502.5	541.7	574.4	601.5	623.1	641.3	656.1	664.4	665.8	675.8	690.4
-65°	438.2	473.6	503.5	527.1	543.7	562.9	576.1	582.6	584.7	598.2	610.8
-67.5°	375.1	408.2	435.0	456.0	472.7	488.2	500.0	507.7	511.0	523.4	533.7
-70°	321.5	344.7	368.9	388.8	403.7	416.3	426.8	434.0	441.3	453.6	462.8
-72.5°	269.8	290.1	307.9	323.3	337.3	348.0	356.0	361.2	369.3	381.4	391.2
-75°	220.6	235.7	250.8	264.0	274.4	282.1	287.8	292.4	300.5	310.8	319.6
-77.5°	173.5	185.8	196.7	206.1	213.7	220.5	225.3	228.2	235.0	242.8	249.6
-80°	127.9	136.1	144.5	151.8	159.0	164.4	167.7	169.2	173.4	178.9	184.4
-82.5°	85.6	92.8	98.5	102.8	107.8	112.1	115.8	119.0	122.3	125.4	128.1
-85°	46.5	49.7	55.1	59.5	63.5	67.0	70.0	72.5	75.1	77.2	78.9
-87.5°	23.3	24.9	26.4	27.8	29.1	30.2	31.3	32.3	33.7	35.0	36.3
-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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	37.4	36.8	36.1	35.2	34.1	34.1	34.1	34.0	33.8	33.5	33.1
85°	80.1	81.6	83.0	84.4	85.7	87.1	88.3	89.3	90.1	90.0	89.7
82.5°	130.4	134.7	139.0	143.1	147.0	149.1	150.6	151.6	152.2	153.4	154.4
80°	189.2	195.6	201.5	206.4	210.4	213.4	215.8	217.7	219.2	220.7	221.8
77.5°	256.0	263.1	269.9	275.9	281.0	285.8	290.0	293.2	295.6	299.4	302.8
75°	326.9	335.0	343.4	351.0	357.8	364.8	371.8	378.2	383.9	388.7	392.3
72.5°	398.7	407.2	417.6	427.3	436.2	445.8	455.1	463.4	470.5	477.2	483.2
70°	469.6	477.6	490.9	503.8	515.8	527.2	538.5	548.7	557.6	566.3	574.1
67.5°	542.7	551.1	567.7	582.6	596.0	608.5	621.7	633.4	643.7	652.9	660.8
65°	620.8	628.2	646.1	662.5	676.6	688.4	702.6	715.4	726.8	736.9	745.4
62.5°	701.5	708.9	723.8	739.9	753.3	764.6	781.3	795.8	808.0	818.3	826.8
60°	783.5	789.9	801.3	819.0	834.1	846.5	861.2	875.2	887.1	897.2	906.2
57.5°	868.6	875.0	880.6	898.4	912.8	924.0	936.9	950.7	962.2	971.8	981.0
55°	956.5	961.5	959.8	976.2	989.8	998.9	1008.5	1023.1	1034.6	1043.0	1051.5
52.5°	1046.5	1052.3	1048.2	1055.1	1070.0	1078.3	1082.4	1098.1	1109.9	1117.4	1125.2
50°	1146.5	1151.2	1147.6	1143.6	1158.0	1166.6	1168.9	1181.6	1192.3	1198.1	1203.6
47.5°	1255.0	1260.8	1257.9	1242.3	1255.0	1265.9	1266.1	1271.6	1282.6	1287.1	1290.4
45°	1373.0	1384.3	1381.9	1370.9	1369.1	1380.2	1379.2	1374.8	1387.6	1393.3	1395.1
42.5°	1528.0	1524.3	1527.8	1521.5	1502.0	1514.5	1516.1	1500.2	1516.2	1523.0	1519.0
40°	1717.5	1682.9	1702.0	1699.2	1680.9	1678.2	1688.0	1675.1	1677.5	1687.4	1679.8
37.5°	1943.0	1918.3	1908.0	1916.5	1911.2	1887.8	1906.4	1901.9	1887.2	1903.7	1896.5
35°	2220.7	2213.3	2157.6	2191.5	2198.5	2176.3	2182.8	2192.4	2160.5	2185.6	2182.9
32.5°	2545.4	2561.8	2549.8	2528.9	2560.6	2564.6	2528.0	2572.0	2554.3	2560.6	2577.9
30°	2913.0	2997.4	3038.4	3001.7	3021.5	3060.8	3042.7	3073.3	3088.0	3065.1	3108.4
27.5°	3555.3	3525.3	3623.8	3666.6	3620.8	3692.4	3744.4	3721.4	3797.4	3752.4	3816.7
25°	4371.6	4327.7	4354.0	4495.5	4526.9	4490.5	4637.1	4654.3	4714.7	4722.1	4766.9
22.5°	5330.7	5436.8	5424.4	5467.5	5645.2	5704.7	5758.8	5899.8	5867.6	5995.4	6017.6
20°	6403.0	6669.8	6853.6	6892.2	6968.1	7172.5	7266.2	7377.5	7452.1	7573.1	7675.4
17.5°	8217.0	8080.2	8440.7	8667.2	8786.3	8828.8	9075.0	9155.2	9340.1	9445.7	9550.6
15°	10546.1	10625.7	10463.0	10678.9	11043.6	11166.7	11025.1	11355.7	11448.6	11626.6	11658.0
12.5°	13035.5	13438.4	13636.1	13689.7	13499.2	14017.9	14225.6	13964.8	14260.7	14207.3	14450.8
10°	15410.8	16390.0	16976.1	17388.4	17639.0	17790.0	17939.9	18209.6	18214.3	18414.0	18297.4
7.5°	17361.0	18602.4	19788.4	20938.8	21859.1	22374.9	22780.0	23168.6	23687.0	23935.3	24096.6
5°	19268.9	20701.2	22120.2	23514.8	24777.7	25992.6	27183.5	28216.4	28763.8	29403.5	29973.8
2.5°	20502.9	22314.6	24126.8	25921.8	27381.1	28720.1	29959.4	31110.6	32120.4	33054.5	33843.4
0°	20743.7	22771.3	24661.8	26452.7	28095.7	29749.5	31193.6	32495.1	33595.0	34587.2	35256.8
-2.5°	20502.9	22314.6	24126.8	25921.8	27381.1	28720.1	29959.4	31110.6	32120.4	33054.5	33843.4
-5°	19268.9	20701.2	22120.2	23514.8	24777.7	25992.6	27183.5	28216.4	28763.8	29403.5	29973.8
-7.5°	17361.0	18602.4	19788.4	20938.8	21859.1	22374.9	22780.0	23168.6	23687.0	23935.3	24096.6
-10°	15410.8	16390.0	16976.1	17388.4	17639.0	17790.0	17939.9	18209.6	18214.3	18414.0	18297.4
-12.5°	13035.5	13438.4	13636.1	13689.7	13499.2	14017.9	14225.6	13964.8	14260.7	14207.3	14450.8
-15°	10546.1	10625.7	10463.0	10678.9	11043.6	11166.7	11025.1	11355.7	11448.6	11626.6	11658.0
-17.5°	8217.0	8080.2	8440.7	8667.2	8786.3	8828.8	9075.0	9155.2	9340.1	9445.7	9550.6
-20°	6403.0	6669.8	6853.6	6892.2	6968.1	7172.5	7266.2	7377.5	7452.1	7573.1	7675.4



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5330.7	5436.8	5424.4	5467.5	5645.2	5704.7	5758.8	5899.8	5867.6	5995.4	6017.6
-25°	4371.6	4327.7	4354.0	4495.5	4526.9	4490.5	4637.1	4654.3	4714.7	4722.1	4766.9
-27.5°	3555.3	3525.3	3623.8	3666.6	3620.8	3692.4	3744.4	3721.4	3797.4	3752.4	3816.7
-30°	2913.0	2997.4	3038.4	3001.7	3021.5	3060.8	3042.7	3073.3	3088.0	3065.1	3108.4
-32.5°	2545.4	2561.8	2549.8	2528.9	2560.6	2564.6	2528.0	2572.0	2554.3	2560.6	2577.9
-35°	2220.7	2213.3	2157.6	2191.5	2198.5	2176.3	2182.8	2192.4	2160.5	2185.6	2182.9
-37.5°	1943.0	1918.3	1908.0	1916.5	1911.2	1887.8	1906.4	1901.9	1887.2	1903.7	1896.5
-40°	1717.5	1682.9	1702.0	1699.2	1680.9	1678.2	1688.0	1675.1	1677.5	1687.4	1679.8
-42.5°	1528.0	1524.3	1527.8	1521.5	1502.0	1514.5	1516.1	1500.2	1516.2	1523.0	1519.0
-45°	1373.0	1384.3	1381.9	1370.9	1369.1	1380.2	1379.2	1374.8	1387.6	1393.3	1395.1
-47.5°	1255.0	1260.8	1257.9	1242.3	1255.0	1265.9	1266.1	1271.6	1282.6	1287.1	1290.4
-50°	1146.5	1151.2	1147.6	1143.6	1158.0	1166.6	1168.9	1181.6	1192.3	1198.1	1203.6
-52.5°	1046.5	1052.3	1048.2	1055.1	1070.0	1078.3	1082.4	1098.1	1109.9	1117.4	1125.2
-55°	956.5	961.5	959.8	976.2	989.8	998.9	1008.5	1023.1	1034.6	1043.0	1051.5
-57.5°	868.6	875.0	880.6	898.4	912.8	924.0	936.9	950.7	962.2	971.8	981.0
-60°	783.5	789.9	801.3	819.0	834.1	846.5	861.2	875.2	887.1	897.2	906.2
-62.5°	701.5	708.9	723.8	739.9	753.3	764.6	781.3	795.8	808.0	818.3	826.8
-65°	620.8	628.2	646.1	662.5	676.6	688.4	702.6	715.4	726.8	736.9	745.4
-67.5°	542.7	551.1	567.7	582.6	596.0	608.5	621.7	633.4	643.7	652.9	660.8
-70°	469.6	477.6	490.9	503.8	515.8	527.2	538.5	548.7	557.6	566.3	574.1
-72.5°	398.7	407.2	417.6	427.3	436.2	445.8	455.1	463.4	470.5	477.2	483.2
-75°	326.9	335.0	343.4	351.0	357.8	364.8	371.8	378.2	383.9	388.7	392.3
-77.5°	256.0	263.1	269.9	275.9	281.0	285.8	290.0	293.2	295.6	299.4	302.8
-80°	189.2	195.6	201.5	206.4	210.4	213.4	215.8	217.7	219.2	220.7	221.8
-82.5°	130.4	134.7	139.0	143.1	147.0	149.1	150.6	151.6	152.2	153.4	154.4
-85°	80.1	81.6	83.0	84.4	85.7	87.1	88.3	89.3	90.1	90.0	89.7
-87.5°	37.4	36.8	36.1	35.2	34.1	34.1	34.1	34.0	33.8	33.5	33.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	32.7	32.2	33.6	35.0	33.6	32.2	32.7	33.1	33.5	33.8	34.0
85°	89.1	88.3	89.9	91.4	89.9	88.3	89.1	89.7	90.0	90.1	89.3
82.5°	155.0	155.2	155.8	156.0	155.8	155.2	155.0	154.4	153.4	152.2	151.6
80°	222.3	222.2	221.6	220.5	221.6	222.2	222.3	221.8	220.7	219.2	217.7
77.5°	305.5	307.5	308.8	309.2	308.8	307.5	305.5	302.8	299.4	295.6	293.2
75°	394.7	396.0	396.2	395.3	396.2	396.0	394.7	392.3	388.7	383.9	378.2
72.5°	488.2	492.1	492.8	492.1	492.8	492.1	488.2	483.2	477.2	470.5	463.4
70°	580.6	585.7	585.6	583.5	585.6	585.7	580.6	574.1	566.3	557.6	548.7
67.5°	667.1	671.8	675.4	677.7	675.4	671.8	667.1	660.8	652.9	643.7	633.4
65°	752.3	757.4	760.1	761.0	760.1	757.4	752.3	745.4	736.9	726.8	715.4
62.5°	833.4	838.0	840.8	841.7	840.8	838.0	833.4	826.8	818.3	808.0	795.8
60°	913.3	918.3	919.1	917.0	919.1	918.3	913.3	906.2	897.2	887.1	875.2
57.5°	988.3	993.5	993.4	989.6	993.4	993.5	988.3	981.0	971.8	962.2	950.7
55°	1057.6	1061.4	1062.8	1062.2	1062.8	1061.4	1057.6	1051.5	1043.0	1034.6	1023.1
52.5°	1131.0	1134.0	1135.3	1134.8	1135.3	1134.0	1131.0	1125.2	1117.4	1109.9	1098.1
50°	1207.6	1207.9	1207.8	1207.4	1207.8	1207.9	1207.6	1203.6	1198.1	1192.3	1181.6
47.5°	1295.1	1296.0	1296.2	1296.1	1296.2	1296.0	1295.1	1290.4	1287.1	1282.6	1271.6
45°	1398.6	1395.7	1392.7	1393.0	1392.7	1395.7	1398.6	1395.1	1393.3	1387.6	1374.8
42.5°	1522.7	1519.5	1515.7	1516.7	1515.7	1519.5	1522.7	1519.0	1523.0	1516.2	1500.2
40°	1686.4	1685.5	1680.0	1678.0	1680.0	1685.5	1686.4	1679.8	1687.4	1677.5	1675.1
37.5°	1897.6	1894.5	1882.2	1877.0	1882.2	1894.5	1897.6	1896.5	1903.7	1887.2	1901.9
35°	2175.4	2171.3	2152.5	2154.0	2152.5	2171.3	2175.4	2182.9	2185.6	2160.5	2192.4
32.5°	2569.3	2570.7	2542.3	2535.8	2542.3	2570.7	2569.3	2577.9	2560.6	2554.3	2572.0
30°	3081.4	3092.7	3059.3	3073.6	3059.3	3092.7	3081.4	3108.4	3065.1	3088.0	3073.3
27.5°	3815.5	3836.9	3807.4	3783.6	3807.4	3836.9	3815.5	3816.7	3752.4	3797.4	3721.4
25°	4825.8	4841.8	4808.1	4778.5	4808.1	4841.8	4825.8	4766.9	4722.1	4714.7	4654.3
22.5°	6141.0	6140.0	6138.2	6184.9	6138.2	6140.0	6141.0	6017.6	5995.4	5867.6	5899.8
20°	7741.5	7702.7	7760.8	7798.4	7760.8	7702.7	7741.5	7675.4	7573.1	7452.1	7377.5
17.5°	9575.0	9647.6	9703.4	9796.4	9703.4	9647.6	9575.0	9550.6	9445.7	9340.1	9155.2
15°	11736.9	11846.6	11902.3	11872.4	11902.3	11846.6	11736.9	11658.0	11626.6	11448.6	11355.7
12.5°	14459.4	14590.3	14493.7	14373.3	14493.7	14590.3	14459.4	14450.8	14207.3	14260.7	13964.8
10°	18299.1	18581.0	18596.7	18361.2	18596.7	18581.0	18299.1	18297.4	18414.0	18214.3	18209.6
7.5°	24190.4	24327.4	24535.6	24546.1	24535.6	24327.4	24190.4	24096.6	23935.3	23687.0	23168.6
5°	30232.3	30597.3	30832.5	31239.3	30832.5	30597.3	30232.3	29973.8	29403.5	28763.8	28216.4
2.5°	34352.8	34824.6	35005.6	35466.6	35005.6	34824.6	34352.8	33843.4	33054.5	32120.4	31110.6
0°	35853.8	36235.7	36464.2	36647.1	36464.2	36235.7	35853.8	35256.8	34587.2	33595.0	32495.1
-2.5°	34352.8	34824.6	35005.6	35466.6	35005.6	34824.6	34352.8	33843.4	33054.5	32120.4	31110.6
-5°	30232.3	30597.3	30832.5	31239.3	30832.5	30597.3	30232.3	29973.8	29403.5	28763.8	28216.4
-7.5°	24190.4	24327.4	24535.6	24546.1	24535.6	24327.4	24190.4	24096.6	23935.3	23687.0	23168.6
-10°	18299.1	18581.0	18596.7	18361.2	18596.7	18581.0	18299.1	18297.4	18414.0	18214.3	18209.6
-12.5°	14459.4	14590.3	14493.7	14373.3	14493.7	14590.3	14459.4	14450.8	14207.3	14260.7	13964.8
-15°	11736.9	11846.6	11902.3	11872.4	11902.3	11846.6	11736.9	11658.0	11626.6	11448.6	11355.7
-17.5°	9575.0	9647.6	9703.4	9796.4	9703.4	9647.6	9575.0	9550.6	9445.7	9340.1	9155.2
-20°	7741.5	7702.7	7760.8	7798.4	7760.8	7702.7	7741.5	7675.4	7573.1	7452.1	7377.5



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6141.0	6140.0	6138.2	6184.9	6138.2	6140.0	6141.0	6017.6	5995.4	5867.6	5899.8
-25°	4825.8	4841.8	4808.1	4778.5	4808.1	4841.8	4825.8	4766.9	4722.1	4714.7	4654.3
-27.5°	3815.5	3836.9	3807.4	3783.6	3807.4	3836.9	3815.5	3816.7	3752.4	3797.4	3721.4
-30°	3081.4	3092.7	3059.3	3073.6	3059.3	3092.7	3081.4	3108.4	3065.1	3088.0	3073.3
-32.5°	2569.3	2570.7	2542.3	2535.8	2542.3	2570.7	2569.3	2577.9	2560.6	2554.3	2572.0
-35°	2175.4	2171.3	2152.5	2154.0	2152.5	2171.3	2175.4	2182.9	2185.6	2160.5	2192.4
-37.5°	1897.6	1894.5	1882.2	1877.0	1882.2	1894.5	1897.6	1896.5	1903.7	1887.2	1901.9
-40°	1686.4	1685.5	1680.0	1678.0	1680.0	1685.5	1686.4	1679.8	1687.4	1677.5	1675.1
-42.5°	1522.7	1519.5	1515.7	1516.7	1515.7	1519.5	1522.7	1519.0	1523.0	1516.2	1500.2
-45°	1398.6	1395.7	1392.7	1393.0	1392.7	1395.7	1398.6	1395.1	1393.3	1387.6	1374.8
-47.5°	1295.1	1296.0	1296.2	1296.1	1296.2	1296.0	1295.1	1290.4	1287.1	1282.6	1271.6
-50°	1207.6	1207.9	1207.8	1207.4	1207.8	1207.9	1207.6	1203.6	1198.1	1192.3	1181.6
-52.5°	1131.0	1134.0	1135.3	1134.8	1135.3	1134.0	1131.0	1125.2	1117.4	1109.9	1098.1
-55°	1057.6	1061.4	1062.8	1062.2	1062.8	1061.4	1057.6	1051.5	1043.0	1034.6	1023.1
-57.5°	988.3	993.5	993.4	989.6	993.4	993.5	988.3	981.0	971.8	962.2	950.7
-60°	913.3	918.3	919.1	917.0	919.1	918.3	913.3	906.2	897.2	887.1	875.2
-62.5°	833.4	838.0	840.8	841.7	840.8	838.0	833.4	826.8	818.3	808.0	795.8
-65°	752.3	757.4	760.1	761.0	760.1	757.4	752.3	745.4	736.9	726.8	715.4
-67.5°	667.1	671.8	675.4	677.7	675.4	671.8	667.1	660.8	652.9	643.7	633.4
-70°	580.6	585.7	585.6	583.5	585.6	585.7	580.6	574.1	566.3	557.6	548.7
-72.5°	488.2	492.1	492.8	492.1	492.8	492.1	488.2	483.2	477.2	470.5	463.4
-75°	394.7	396.0	396.2	395.3	396.2	396.0	394.7	392.3	388.7	383.9	378.2
-77.5°	305.5	307.5	308.8	309.2	308.8	307.5	305.5	302.8	299.4	295.6	293.2
-80°	222.3	222.2	221.6	220.5	221.6	222.2	222.3	221.8	220.7	219.2	217.7
-82.5°	155.0	155.2	155.8	156.0	155.8	155.2	155.0	154.4	153.4	152.2	151.6
-85°	89.1	88.3	89.9	91.4	89.9	88.3	89.1	89.7	90.0	90.1	89.3
-87.5°	32.7	32.2	33.6	35.0	33.6	32.2	32.7	33.1	33.5	33.8	34.0
-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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	34.1	34.1	34.1	35.2	36.1	36.8	37.4	36.3	35.0	33.7	32.3
85°	88.3	87.1	85.7	84.4	83.0	81.6	80.1	78.9	77.2	75.1	72.5
82.5°	150.6	149.1	147.0	143.1	139.0	134.7	130.4	128.1	125.4	122.3	119.0
80°	215.8	213.4	210.4	206.4	201.5	195.6	189.2	184.4	178.9	173.4	169.2
77.5°	290.0	285.8	281.0	275.9	269.9	263.1	256.0	249.6	242.8	235.0	228.2
75°	371.8	364.8	357.8	351.0	343.4	335.0	326.9	319.6	310.8	300.5	292.4
72.5°	455.1	445.8	436.2	427.3	417.6	407.2	398.7	391.2	381.4	369.3	361.2
70°	538.5	527.2	515.8	503.8	490.9	477.6	469.6	462.8	453.6	441.3	434.0
67.5°	621.7	608.5	596.0	582.6	567.7	551.1	542.7	533.7	523.4	511.0	507.7
65°	702.6	688.4	676.6	662.5	646.1	628.2	620.8	610.8	598.2	584.7	582.6
62.5°	781.3	764.6	753.3	739.9	723.8	708.9	701.5	690.4	675.8	665.8	664.4
60°	861.2	846.5	834.1	819.0	801.3	789.9	783.5	772.0	755.3	751.3	749.5
57.5°	936.9	924.0	912.8	898.4	880.6	875.0	868.6	856.5	839.4	841.8	837.8
55°	1008.5	998.9	989.8	976.2	959.8	961.5	956.5	944.7	934.5	937.6	932.8
52.5°	1082.4	1078.3	1070.0	1055.1	1048.2	1052.3	1046.5	1034.9	1036.9	1040.3	1032.6
50°	1168.9	1166.6	1158.0	1143.6	1147.6	1151.2	1146.5	1132.0	1145.9	1148.9	1138.8
47.5°	1266.1	1265.9	1255.0	1242.3	1257.9	1260.8	1255.0	1256.0	1267.9	1264.6	1252.2
45°	1379.2	1380.2	1369.1	1370.9	1381.9	1384.3	1373.0	1393.8	1401.3	1394.3	1372.0
42.5°	1516.1	1514.5	1502.0	1521.5	1527.8	1524.3	1528.0	1549.5	1549.8	1534.2	1535.3
40°	1688.0	1678.2	1680.9	1699.2	1702.0	1682.9	1717.5	1725.9	1718.3	1689.3	1730.0
37.5°	1906.4	1887.8	1911.2	1916.5	1908.0	1918.3	1943.0	1937.9	1905.4	1933.9	1959.2
35°	2182.8	2176.3	2198.5	2191.5	2157.6	2213.3	2220.7	2185.8	2174.0	2226.2	2223.1
32.5°	2528.0	2564.6	2560.6	2528.9	2549.8	2561.8	2545.4	2486.6	2561.8	2581.7	2535.7
30°	3042.7	3060.8	3021.5	3001.7	3038.4	2997.4	2913.0	2998.8	3031.4	2990.8	2888.9
27.5°	3744.4	3692.4	3620.8	3666.6	3623.8	3525.3	3555.3	3598.8	3560.8	3462.8	3347.3
25°	4637.1	4490.5	4526.9	4495.5	4354.0	4327.7	4371.6	4322.4	4185.5	4038.6	4200.2
22.5°	5758.8	5704.7	5645.2	5467.5	5424.4	5436.8	5330.7	5132.7	5012.4	5166.6	5171.6
20°	7266.2	7172.5	6968.1	6892.2	6853.6	6669.8	6403.0	6375.8	6502.1	6437.3	6242.1
17.5°	9075.0	8828.8	8786.3	8667.2	8440.7	8080.2	8217.0	8264.2	8143.8	7807.5	7397.7
15°	11025.1	11166.7	11043.6	10678.9	10463.0	10625.7	10546.1	10282.9	9917.9	9302.4	8605.1
12.5°	14225.6	14017.9	13499.2	13689.7	13636.1	13438.4	13035.5	12456.6	11698.7	10701.7	9697.1
10°	17939.9	17790.0	17639.0	17388.4	16976.1	16390.0	15410.8	14323.3	13191.2	12015.2	10794.9
7.5°	22780.0	22374.9	21859.1	20938.8	19788.4	18602.4	17361.0	16063.3	14680.9	13308.7	11882.9
5°	27183.5	25992.6	24777.7	23514.8	22120.2	20701.2	19268.9	17773.4	16144.4	14564.6	12937.5
2.5°	29959.4	28720.1	27381.1	25921.8	24126.8	22314.6	20502.9	18691.8	16752.4	14925.8	13100.2
0°	31193.6	29749.5	28095.7	26452.7	24661.8	22771.3	20743.7	18885.6	16901.0	15042.8	13192.7
-2.5°	29959.4	28720.1	27381.1	25921.8	24126.8	22314.6	20502.9	18691.8	16752.4	14925.8	13100.2
-5°	27183.5	25992.6	24777.7	23514.8	22120.2	20701.2	19268.9	17773.4	16144.4	14564.6	12937.5
-7.5°	22780.0	22374.9	21859.1	20938.8	19788.4	18602.4	17361.0	16063.3	14680.9	13308.7	11882.9
-10°	17939.9	17790.0	17639.0	17388.4	16976.1	16390.0	15410.8	14323.3	13191.2	12015.2	10794.9
-12.5°	14225.6	14017.9	13499.2	13689.7	13636.1	13438.4	13035.5	12456.6	11698.7	10701.7	9697.1
-15°	11025.1	11166.7	11043.6	10678.9	10463.0	10625.7	10546.1	10282.9	9917.9	9302.4	8605.1
-17.5°	9075.0	8828.8	8786.3	8667.2	8440.7	8080.2	8217.0	8264.2	8143.8	7807.5	7397.7
-20°	7266.2	7172.5	6968.1	6892.2	6853.6	6669.8	6403.0	6375.8	6502.1	6437.3	6242.1



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5758.8	5704.7	5645.2	5467.5	5424.4	5436.8	5330.7	5132.7	5012.4	5166.6	5171.6
-25°	4637.1	4490.5	4526.9	4495.5	4354.0	4327.7	4371.6	4322.4	4185.5	4038.6	4200.2
-27.5°	3744.4	3692.4	3620.8	3666.6	3623.8	3525.3	3555.3	3598.8	3560.8	3462.8	3347.3
-30°	3042.7	3060.8	3021.5	3001.7	3038.4	2997.4	2913.0	2998.8	3031.4	2990.8	2888.9
-32.5°	2528.0	2564.6	2560.6	2528.9	2549.8	2561.8	2545.4	2486.6	2561.8	2581.7	2535.7
-35°	2182.8	2176.3	2198.5	2191.5	2157.6	2213.3	2220.7	2185.8	2174.0	2226.2	2223.1
-37.5°	1906.4	1887.8	1911.2	1916.5	1908.0	1918.3	1943.0	1937.9	1905.4	1933.9	1959.2
-40°	1688.0	1678.2	1680.9	1699.2	1702.0	1682.9	1717.5	1725.9	1718.3	1689.3	1730.0
-42.5°	1516.1	1514.5	1502.0	1521.5	1527.8	1524.3	1528.0	1549.5	1549.8	1534.2	1535.3
-45°	1379.2	1380.2	1369.1	1370.9	1381.9	1384.3	1373.0	1393.8	1401.3	1394.3	1372.0
-47.5°	1266.1	1265.9	1255.0	1242.3	1257.9	1260.8	1255.0	1256.0	1267.9	1264.6	1252.2
-50°	1168.9	1166.6	1158.0	1143.6	1147.6	1151.2	1146.5	1132.0	1145.9	1148.9	1138.8
-52.5°	1082.4	1078.3	1070.0	1055.1	1048.2	1052.3	1046.5	1034.9	1036.9	1040.3	1032.6
-55°	1008.5	998.9	989.8	976.2	959.8	961.5	956.5	944.7	934.5	937.6	932.8
-57.5°	936.9	924.0	912.8	898.4	880.6	875.0	868.6	856.5	839.4	841.8	837.8
-60°	861.2	846.5	834.1	819.0	801.3	789.9	783.5	772.0	755.3	751.3	749.5
-62.5°	781.3	764.6	753.3	739.9	723.8	708.9	701.5	690.4	675.8	665.8	664.4
-65°	702.6	688.4	676.6	662.5	646.1	628.2	620.8	610.8	598.2	584.7	582.6
-67.5°	621.7	608.5	596.0	582.6	567.7	551.1	542.7	533.7	523.4	511.0	507.7
-70°	538.5	527.2	515.8	503.8	490.9	477.6	469.6	462.8	453.6	441.3	434.0
-72.5°	455.1	445.8	436.2	427.3	417.6	407.2	398.7	391.2	381.4	369.3	361.2
-75°	371.8	364.8	357.8	351.0	343.4	335.0	326.9	319.6	310.8	300.5	292.4
-77.5°	290.0	285.8	281.0	275.9	269.9	263.1	256.0	249.6	242.8	235.0	228.2
-80°	215.8	213.4	210.4	206.4	201.5	195.6	189.2	184.4	178.9	173.4	169.2
-82.5°	150.6	149.1	147.0	143.1	139.0	134.7	130.4	128.1	125.4	122.3	119.0
-85°	88.3	87.1	85.7	84.4	83.0	81.6	80.1	78.9	77.2	75.1	72.5
-87.5°	34.1	34.1	34.1	35.2	36.1	36.8	37.4	36.3	35.0	33.7	32.3
-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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	31.3	30.2	29.1	27.8	26.4	24.9	23.3	21.6	20.1	18.4	16.6
85°	70.0	67.0	63.5	59.5	55.1	49.7	46.5	43.2	40.1	36.8	33.1
82.5°	115.8	112.1	107.8	102.8	98.5	92.8	85.6	76.9	67.1	56.3	49.7
80°	167.7	164.4	159.0	151.8	144.5	136.1	127.9	117.7	105.3	91.5	76.4
77.5°	225.3	220.5	213.7	206.1	196.7	185.8	173.5	159.4	143.5	126.7	108.3
75°	287.8	282.1	274.4	264.0	250.8	235.7	220.6	203.9	184.7	162.2	140.0
72.5°	356.0	348.0	337.3	323.3	307.9	290.1	269.8	248.7	227.2	201.9	172.8
70°	426.8	416.3	403.7	388.8	368.9	344.7	321.5	297.7	269.9	241.7	209.2
67.5°	500.0	488.2	472.7	456.0	435.0	408.2	375.1	348.3	318.5	281.5	245.5
65°	576.1	562.9	543.7	527.1	503.5	473.6	438.2	402.5	367.4	327.5	281.6
62.5°	656.1	641.3	623.1	601.5	574.4	541.7	502.5	464.3	418.6	373.7	322.2
60°	740.7	724.6	706.0	682.8	650.2	611.3	571.1	526.6	476.7	420.1	364.5
57.5°	828.1	810.5	795.0	768.1	731.5	686.0	642.6	593.9	534.9	472.1	406.8
55°	918.8	902.4	888.3	859.4	816.9	765.6	720.5	665.1	595.4	525.3	448.9
52.5°	1015.7	1004.1	987.2	955.0	908.3	853.6	808.6	738.1	663.8	578.3	496.2
50°	1117.8	1117.5	1095.3	1056.4	1003.0	957.8	901.3	824.9	733.4	634.5	544.3
47.5°	1243.8	1242.0	1215.9	1165.3	1104.1	1069.9	1006.2	916.3	804.1	698.5	592.5
45°	1387.0	1377.4	1345.4	1288.7	1234.0	1197.2	1119.5	1010.9	890.3	764.0	640.9
42.5°	1545.9	1528.7	1484.3	1418.3	1396.1	1338.0	1238.8	1118.7	978.6	829.6	694.5
40°	1731.9	1695.6	1634.3	1600.9	1577.8	1490.5	1376.7	1232.1	1068.7	899.6	751.2
37.5°	1937.7	1884.5	1802.7	1827.9	1779.9	1672.0	1524.0	1349.2	1163.0	979.0	807.3
35°	2178.4	2095.1	2097.0	2093.4	2011.5	1866.1	1679.1	1476.0	1267.5	1058.1	862.5
32.5°	2441.8	2420.1	2457.3	2397.2	2264.8	2072.2	1852.6	1615.5	1373.3	1136.6	916.8
30°	2815.6	2905.1	2865.6	2731.3	2544.6	2308.4	2039.0	1758.3	1480.1	1214.2	972.7
27.5°	3460.4	3457.3	3325.4	3117.4	2858.6	2559.0	2227.5	1903.6	1587.3	1295.5	1035.9
25°	4188.1	4083.8	3857.1	3542.3	3191.5	2809.8	2419.0	2051.1	1703.9	1383.1	1097.4
22.5°	5019.2	4766.3	4433.5	3994.8	3520.8	3067.8	2623.0	2212.4	1824.6	1469.1	1156.6
20°	5918.0	5494.2	5036.7	4438.4	3876.2	3348.7	2839.0	2372.2	1943.5	1552.9	1213.5
17.5°	6880.5	6245.3	5611.2	4918.8	4249.2	3632.0	3054.5	2529.5	2059.8	1633.8	1267.5
15°	7813.0	6996.4	6202.6	5402.5	4623.7	3914.7	3267.4	2682.8	2172.4	1711.3	1310.1
12.5°	8732.2	7757.8	6802.2	5884.0	4995.3	4193.5	3475.4	2830.6	2280.3	1766.8	1337.7
10°	9649.7	8518.9	7401.4	6357.1	5359.1	4465.0	3675.9	2946.0	2331.2	1802.4	1360.7
7.5°	10553.4	9268.2	7990.4	6815.4	5672.6	4642.5	3761.6	2998.2	2364.7	1831.0	1378.8
5°	11290.7	9757.3	8258.4	6951.3	5760.7	4712.9	3814.5	3038.7	2387.9	1852.7	1392.0
2.5°	11390.3	9837.6	8298.3	7004.9	5819.5	4761.1	3849.6	3066.8	2400.9	1867.2	1400.4
0°	11428.7	9863.6	8293.2	7021.2	5848.8	4786.6	3866.9	3081.7	2404.1	1874.3	1403.7
-2.5°	11390.3	9837.6	8298.3	7004.9	5819.5	4761.1	3849.6	3066.8	2400.9	1867.2	1400.4
-5°	11290.7	9757.3	8258.4	6951.3	5760.7	4712.9	3814.5	3038.7	2387.9	1852.7	1392.0
-7.5°	10553.4	9268.2	7990.4	6815.4	5672.6	4642.5	3761.6	2998.2	2364.7	1831.0	1378.8
-10°	9649.7	8518.9	7401.4	6357.1	5359.1	4465.0	3675.9	2946.0	2331.2	1802.4	1360.7
-12.5°	8732.2	7757.8	6802.2	5884.0	4995.3	4193.5	3475.4	2830.6	2280.3	1766.8	1337.7
-15°	7813.0	6996.4	6202.6	5402.5	4623.7	3914.7	3267.4	2682.8	2172.4	1711.3	1310.1
-17.5°	6880.5	6245.3	5611.2	4918.8	4249.2	3632.0	3054.5	2529.5	2059.8	1633.8	1267.5
-20°	5918.0	5494.2	5036.7	4438.4	3876.2	3348.7	2839.0	2372.2	1943.5	1552.9	1213.5



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5019.2	4766.3	4433.5	3994.8	3520.8	3067.8	2623.0	2212.4	1824.6	1469.1	1156.6
-25°	4188.1	4083.8	3857.1	3542.3	3191.5	2809.8	2419.0	2051.1	1703.9	1383.1	1097.4
-27.5°	3460.4	3457.3	3325.4	3117.4	2858.6	2559.0	2227.5	1903.6	1587.3	1295.5	1035.9
-30°	2815.6	2905.1	2865.6	2731.3	2544.6	2308.4	2039.0	1758.3	1480.1	1214.2	972.7
-32.5°	2441.8	2420.1	2457.3	2397.2	2264.8	2072.2	1852.6	1615.5	1373.3	1136.6	916.8
-35°	2178.4	2095.1	2097.0	2093.4	2011.5	1866.1	1679.1	1476.0	1267.5	1058.1	862.5
-37.5°	1937.7	1884.5	1802.7	1827.9	1779.9	1672.0	1524.0	1349.2	1163.0	979.0	807.3
-40°	1731.9	1695.6	1634.3	1600.9	1577.8	1490.5	1376.7	1232.1	1068.7	899.6	751.2
-42.5°	1545.9	1528.7	1484.3	1418.3	1396.1	1338.0	1238.8	1118.7	978.6	829.6	694.5
-45°	1387.0	1377.4	1345.4	1288.7	1234.0	1197.2	1119.5	1010.9	890.3	764.0	640.9
-47.5°	1243.8	1242.0	1215.9	1165.3	1104.1	1069.9	1006.2	916.3	804.1	698.5	592.5
-50°	1117.8	1117.5	1095.3	1056.4	1003.0	957.8	901.3	824.9	733.4	634.5	544.3
-52.5°	1015.7	1004.1	987.2	955.0	908.3	853.6	808.6	738.1	663.8	578.3	496.2
-55°	918.8	902.4	888.3	859.4	816.9	765.6	720.5	665.1	595.4	525.3	448.9
-57.5°	828.1	810.5	795.0	768.1	731.5	686.0	642.6	593.9	534.9	472.1	406.8
-60°	740.7	724.6	706.0	682.8	650.2	611.3	571.1	526.6	476.7	420.1	364.5
-62.5°	656.1	641.3	623.1	601.5	574.4	541.7	502.5	464.3	418.6	373.7	322.2
-65°	576.1	562.9	543.7	527.1	503.5	473.6	438.2	402.5	367.4	327.5	281.6
-67.5°	500.0	488.2	472.7	456.0	435.0	408.2	375.1	348.3	318.5	281.5	245.5
-70°	426.8	416.3	403.7	388.8	368.9	344.7	321.5	297.7	269.9	241.7	209.2
-72.5°	356.0	348.0	337.3	323.3	307.9	290.1	269.8	248.7	227.2	201.9	172.8
-75°	287.8	282.1	274.4	264.0	250.8	235.7	220.6	203.9	184.7	162.2	140.0
-77.5°	225.3	220.5	213.7	206.1	196.7	185.8	173.5	159.4	143.5	126.7	108.3
-80°	167.7	164.4	159.0	151.8	144.5	136.1	127.9	117.7	105.3	91.5	76.4
-82.5°	115.8	112.1	107.8	102.8	98.5	92.8	85.6	76.9	67.1	56.3	49.7
-85°	70.0	67.0	63.5	59.5	55.1	49.7	46.5	43.2	40.1	36.8	33.1
-87.5°	31.3	30.2	29.1	27.8	26.4	24.9	23.3	21.6	20.1	18.4	16.6
-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: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-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°	14.6	13.0	11.0	8.7	6.1	3.0	0.0
85°	29.2	25.9	21.9	17.4	12.2	6.1	0.0
82.5°	43.9	38.8	32.9	26.0	18.2	9.1	0.0
80°	60.1	51.8	43.8	34.7	24.2	12.1	0.0
77.5°	88.5	68.7	54.7	43.2	30.2	15.1	0.0
75°	116.7	93.1	67.3	51.8	36.1	18.1	0.0
72.5°	144.8	117.3	87.3	60.3	42.0	21.0	0.0
70°	173.4	141.4	107.2	70.0	47.8	23.9	0.0
67.5°	206.1	165.3	126.8	85.2	53.4	26.7	0.0
65°	238.6	191.3	146.3	100.2	59.0	29.5	0.0
62.5°	271.0	219.2	165.5	114.9	64.5	32.3	0.0
60°	303.3	246.9	184.5	129.5	69.8	34.9	0.0
57.5°	339.8	274.4	206.8	143.7	79.3	37.5	0.0
55°	376.5	301.5	229.0	157.7	88.6	40.1	0.0
52.5°	412.8	328.9	250.8	171.4	97.6	42.5	0.0
50°	448.4	358.9	272.1	184.7	106.4	44.9	0.0
47.5°	484.5	388.3	293.1	198.3	114.9	47.2	0.0
45°	526.3	417.0	313.5	213.7	123.1	49.4	0.0
42.5°	567.8	445.0	333.4	228.6	131.0	51.5	0.0
40°	608.8	472.2	353.9	242.5	138.6	53.5	0.0
37.5°	649.3	498.5	374.8	255.4	145.8	55.4	0.0
35°	689.3	528.5	394.9	267.6	152.7	57.3	0.0
32.5°	730.2	559.8	414.1	278.9	159.2	58.9	0.0
30°	773.9	590.2	432.4	289.3	165.3	60.5	0.0
27.5°	816.1	619.4	447.7	298.9	171.0	62.0	0.0
25°	856.8	647.4	461.7	307.7	176.4	63.3	0.0
22.5°	895.6	672.4	474.7	315.5	181.2	64.6	0.0
20°	932.5	691.5	486.6	322.5	185.7	65.7	0.0
17.5°	960.3	708.2	497.5	328.6	189.7	66.7	0.0
15°	981.0	722.6	507.1	333.8	193.3	67.5	0.0
12.5°	998.7	734.7	515.5	338.2	196.3	68.2	0.0
10°	1013.4	744.5	522.7	341.6	198.9	68.8	0.0
7.5°	1025.0	752.0	528.5	344.2	201.1	69.3	0.0
5°	1033.5	757.2	533.0	346.0	202.7	69.6	0.0
2.5°	1038.7	760.2	536.1	346.8	203.8	69.8	0.0
0°	1040.7	761.0	537.8	346.9	204.4	69.9	0.0
-2.5°	1038.7	760.2	536.1	346.8	203.8	69.8	0.0
-5°	1033.5	757.2	533.0	346.0	202.7	69.6	0.0
-7.5°	1025.0	752.0	528.5	344.2	201.1	69.3	0.0
-10°	1013.4	744.5	522.7	341.6	198.9	68.8	0.0
-12.5°	998.7	734.7	515.5	338.2	196.3	68.2	0.0
-15°	981.0	722.6	507.1	333.8	193.3	67.5	0.0
-17.5°	960.3	708.2	497.5	328.6	189.7	66.7	0.0
-20°	932.5	691.5	486.6	322.5	185.7	65.7	0.0



REPORT NUMBER: P559198 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	895.6	672.4	474.7	315.5	181.2	64.6	0.0
-25°	856.8	647.4	461.7	307.7	176.4	63.3	0.0
-27.5°	816.1	619.4	447.7	298.9	171.0	62.0	0.0
-30°	773.9	590.2	432.4	289.3	165.3	60.5	0.0
-32.5°	730.2	559.8	414.1	278.9	159.2	58.9	0.0
-35°	689.3	528.5	394.9	267.6	152.7	57.3	0.0
-37.5°	649.3	498.5	374.8	255.4	145.8	55.4	0.0
-40°	608.8	472.2	353.9	242.5	138.6	53.5	0.0
-42.5°	567.8	445.0	333.4	228.6	131.0	51.5	0.0
-45°	526.3	417.0	313.5	213.7	123.1	49.4	0.0
-47.5°	484.5	388.3	293.1	198.3	114.9	47.2	0.0
-50°	448.4	358.9	272.1	184.7	106.4	44.9	0.0
-52.5°	412.8	328.9	250.8	171.4	97.6	42.5	0.0
-55°	376.5	301.5	229.0	157.7	88.6	40.1	0.0
-57.5°	339.8	274.4	206.8	143.7	79.3	37.5	0.0
-60°	303.3	246.9	184.5	129.5	69.8	34.9	0.0
-62.5°	271.0	219.2	165.5	114.9	64.5	32.3	0.0
-65°	238.6	191.3	146.3	100.2	59.0	29.5	0.0
-67.5°	206.1	165.3	126.8	85.2	53.4	26.7	0.0
-70°	173.4	141.4	107.2	70.0	47.8	23.9	0.0
-72.5°	144.8	117.3	87.3	60.3	42.0	21.0	0.0
-75°	116.7	93.1	67.3	51.8	36.1	18.1	0.0
-77.5°	88.5	68.7	54.7	43.2	30.2	15.1	0.0
-80°	60.1	51.8	43.8	34.7	24.2	12.1	0.0
-82.5°	43.9	38.8	32.9	26.0	18.2	9.1	0.0
-85°	29.2	25.9	21.9	17.4	12.2	6.1	0.0
-87.5°	14.6	13.0	11.0	8.7	6.1	3.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)