

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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559174 (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-SA6C-930-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

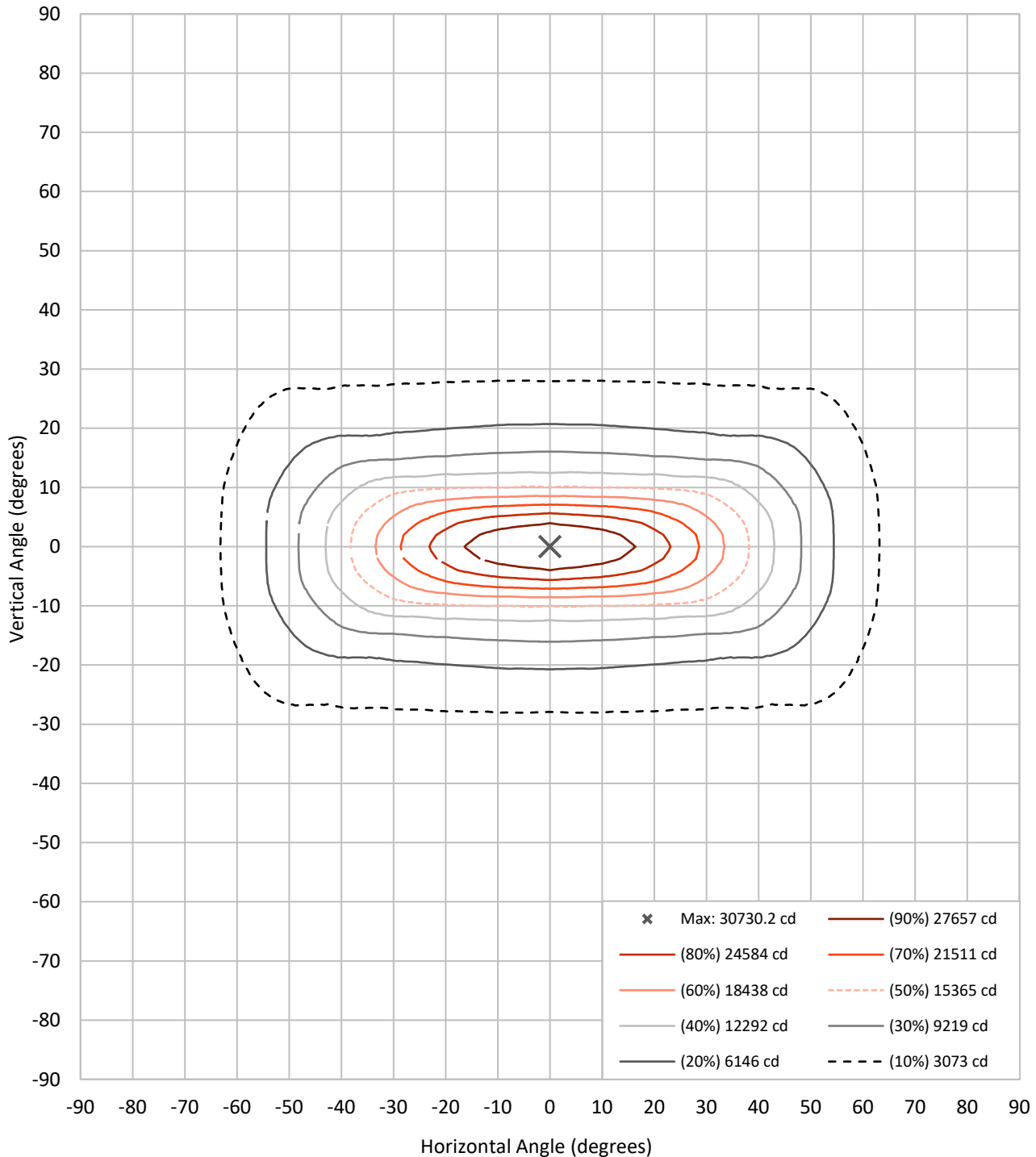
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	22008.4 lumens	Max Intensity:	30730.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	8805.5 lumens	Field Lumens:	18038.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 241
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



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CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

Iso-Candela Plot





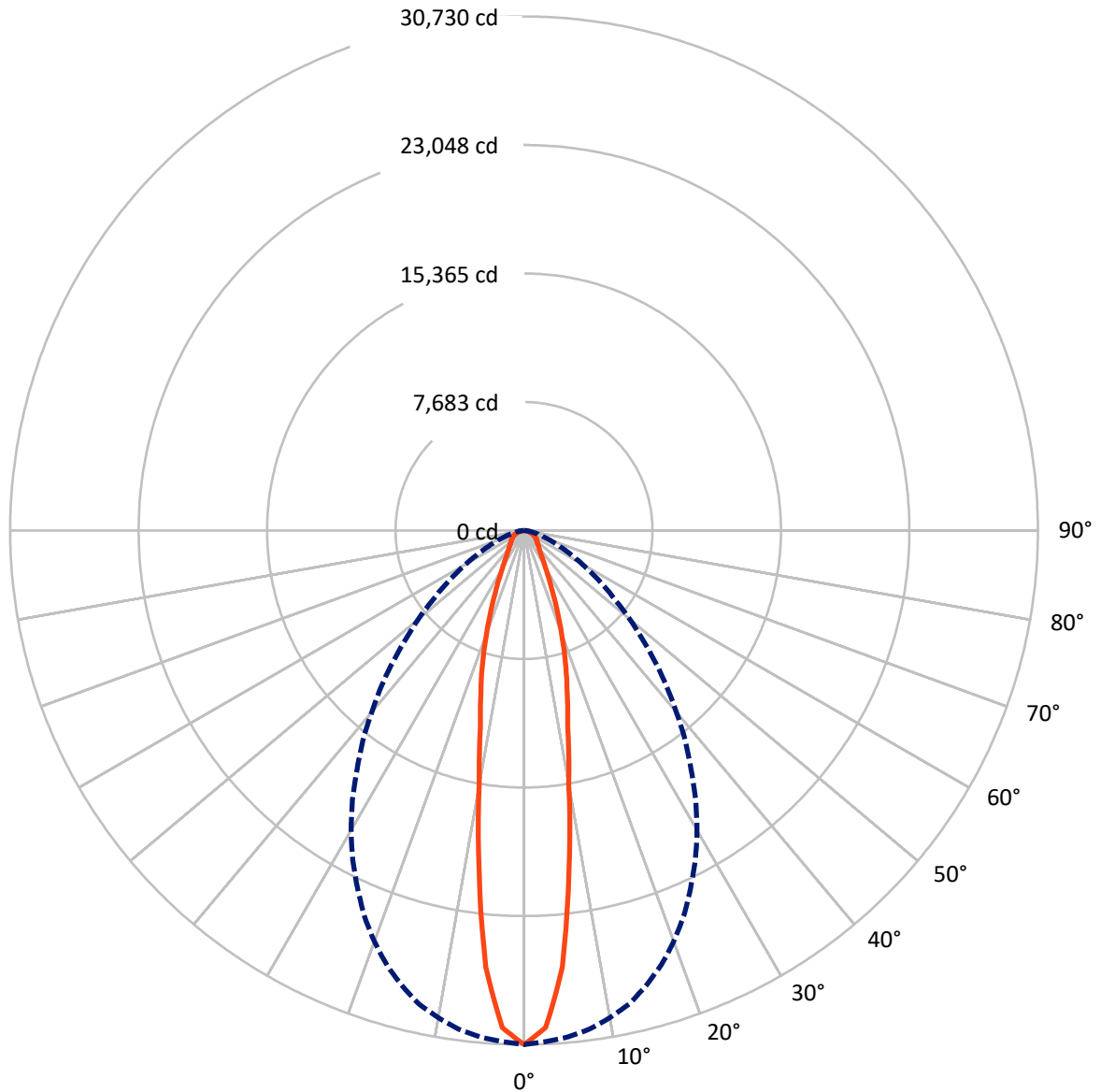
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 CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

Lumen Table

90																			
80	1.1	7.6		15.4		22.3		25.2		22.3		15.4		7.6		1.1			
70	4.7	4.4	7.7	10.6	13.0	15.6	17.8	19.1	19.1	17.8	15.6	13.0	10.6	7.7	4.4	4.7			
60		7.2	12.5	16.8	20.0	22.9	25.5	27.0	27.0	25.5	22.9	20.0	16.8	12.5	7.2				
50	9.4	11.0	19.1	25.3	29.3	32.2	34.6	35.9	35.9	34.6	32.2	29.3	25.3	19.1	11.0	9.4			
40		16.2	30.5	40.4	47.1	52.0	55.5	57.2	57.2	55.5	52.0	47.1	40.4	30.5	16.2				
30	14.5	22.8	52.0	77.5	93.7	108.7	121.0	128.1	128.1	121.0	108.7	93.7	77.5	52.0	22.8	14.5			
20		30.1	80.2	154.4	222.0	264.5	294.5	311.6	311.6	294.5	264.5	222.0	154.4	80.2	30.1				
10	16.6	34.5	103.0	227.4	393.4	558.0	679.1	742.8	742.8	679.1	558.0	393.4	227.4	103.0	34.5	16.6			
0		34.5	103.0	227.4	393.4	558.0	679.1	742.8	742.8	679.1	558.0	393.4	227.4	103.0	34.5				
-10	14.5	30.1	80.2	154.4	222.0	264.5	294.5	311.6	311.6	294.5	264.5	222.0	154.4	80.2	30.1	14.5			
-20		22.8	52.0	77.5	93.7	108.7	121.0	128.1	128.1	121.0	108.7	93.7	77.5	52.0	22.8				
-30	9.4	16.2	30.5	40.4	47.1	52.0	55.5	57.2	57.2	55.5	52.0	47.1	40.4	30.5	16.2	9.4			
-40		11.0	19.1	25.3	29.3	32.2	34.6	35.9	35.9	34.6	32.2	29.3	25.3	19.1	11.0				
-50	4.7	7.2	12.5	16.8	20.0	22.9	25.5	27.0	27.0	25.5	22.9	20.0	16.8	12.5	7.2	4.7			
-60		4.4	7.7	10.6	13.0	15.6	17.8	19.1	19.1	17.8	15.6	13.0	10.6	7.7	4.4				
-70	1.1	7.6		15.4		22.3		25.2		22.3		15.4		7.6		1.1			
-80																			
-90																			

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CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

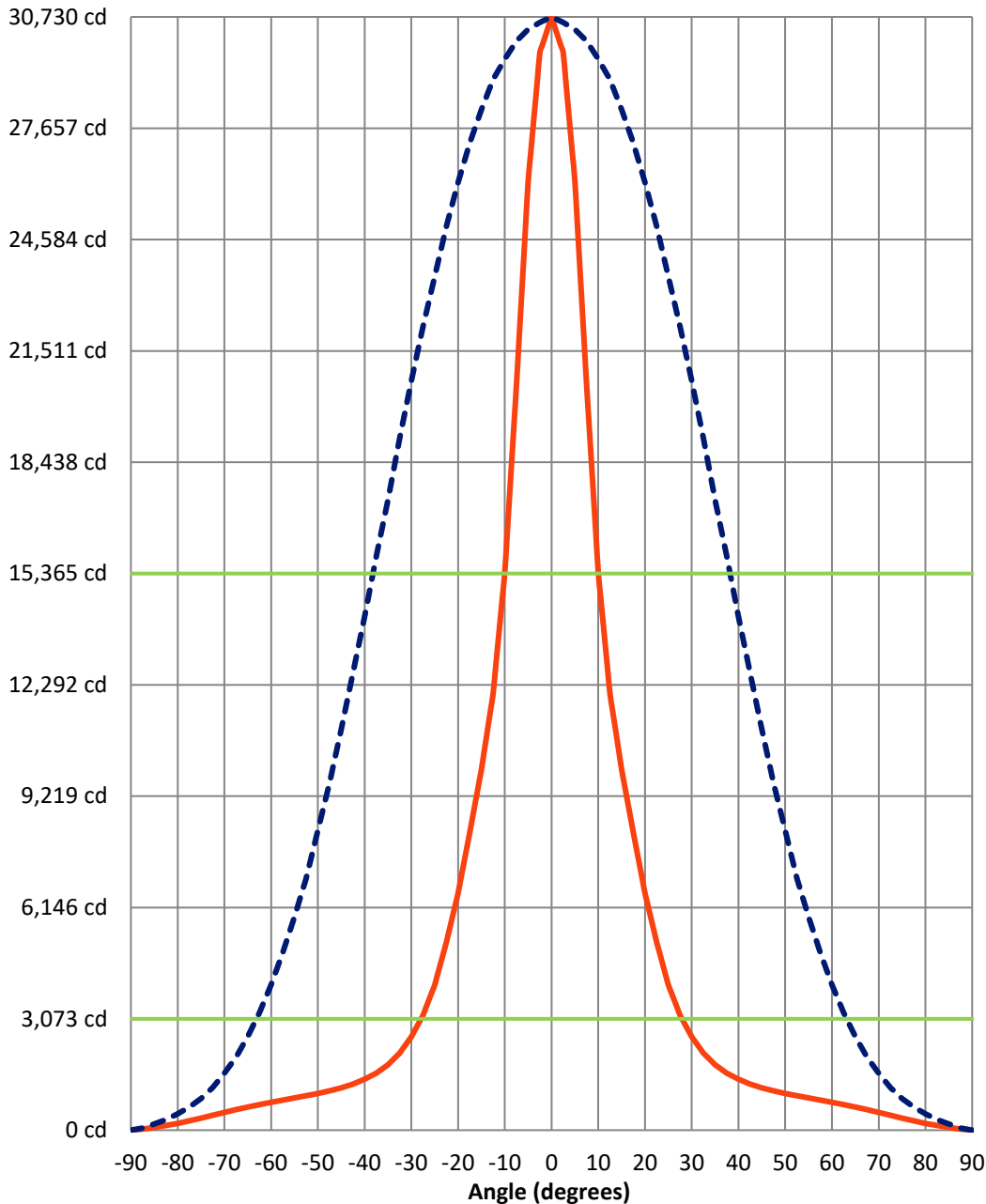
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 8805.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 18038.2
 Efficiency: 82.0%

Spill:
 Lumens: 3970.2
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.6	5.1	7.3	9.2	10.9	12.3	13.9	15.4	16.8	18.1
85°	0.0	5.1	10.2	14.6	18.4	21.7	24.5	27.8	30.8	33.6	36.2
82.5°	0.0	7.6	15.3	21.8	27.6	32.6	36.8	41.7	47.2	56.3	64.5
80°	0.0	10.2	20.3	29.1	36.7	43.4	50.5	64.1	76.8	88.3	98.7
77.5°	0.0	12.7	25.3	36.3	45.9	57.6	74.2	90.8	106.2	120.3	133.7
75°	0.0	15.2	30.3	43.4	56.4	78.1	97.9	117.4	136.0	154.9	171.0
72.5°	0.0	17.6	35.2	50.6	73.2	98.4	121.4	144.9	169.3	190.5	208.5
70°	0.0	20.0	40.0	58.7	89.9	118.6	145.4	175.4	202.6	226.3	249.6
67.5°	0.0	22.4	44.8	71.4	106.4	138.6	172.8	205.8	236.1	267.1	292.0
65°	0.0	24.8	49.5	84.0	122.7	160.4	200.1	236.1	274.6	308.1	337.5
62.5°	0.0	27.1	54.1	96.4	138.8	183.8	227.3	270.1	313.4	351.0	389.3
60°	0.0	29.3	58.5	108.6	154.7	207.1	254.3	305.6	352.3	399.7	441.5
57.5°	0.0	31.5	66.5	120.5	173.4	230.1	284.9	341.1	395.8	448.5	498.0
55°	0.0	33.6	74.3	132.2	192.0	252.8	315.7	376.5	440.4	499.2	557.7
52.5°	0.0	35.7	81.9	143.7	210.3	275.7	346.1	416.0	484.9	556.6	619.0
50°	0.0	37.7	89.2	154.9	228.2	300.9	376.0	456.4	532.0	615.0	691.8
47.5°	0.0	39.6	96.3	166.3	245.7	325.6	406.3	496.8	585.7	674.3	768.4
45°	0.0	41.4	103.2	179.2	262.9	349.6	441.3	537.4	640.6	746.5	847.7
42.5°	0.0	43.2	109.9	191.7	279.6	373.1	476.1	582.3	695.6	820.6	938.1
40°	0.0	44.9	116.2	203.4	296.8	395.9	510.5	629.9	754.3	896.1	1033.1
37.5°	0.0	46.5	122.3	214.2	314.3	418.0	544.5	676.9	820.9	975.2	1131.3
35°	0.0	48.0	128.0	224.4	331.1	443.2	578.0	723.2	887.2	1062.8	1237.6
32.5°	0.0	49.4	133.5	233.8	347.2	469.5	612.3	768.7	953.1	1151.6	1354.7
30°	0.0	50.7	138.6	242.6	362.6	494.9	648.9	815.6	1018.2	1241.1	1474.4
27.5°	0.0	52.0	143.4	250.7	375.4	519.4	684.3	868.7	1086.3	1331.0	1596.2
25°	0.0	53.1	147.9	258.0	387.1	542.9	718.4	920.2	1159.8	1428.8	1719.9
22.5°	0.0	54.1	152.0	264.6	398.1	563.9	751.0	969.9	1231.9	1530.0	1855.2
20°	0.0	55.1	155.7	270.4	408.1	579.8	781.9	1017.6	1302.2	1629.7	1989.2
17.5°	0.0	55.9	159.1	275.5	417.1	593.9	805.2	1062.9	1370.0	1727.2	2121.1
15°	0.0	56.6	162.1	279.9	425.2	606.0	822.6	1098.6	1435.0	1821.7	2249.6
12.5°	0.0	57.2	164.6	283.6	432.3	616.1	837.5	1121.8	1481.6	1912.1	2373.6
10°	0.0	57.7	166.8	286.5	438.3	624.3	849.8	1141.0	1511.4	1954.8	2470.3
7.5°	0.0	58.1	168.6	288.6	443.2	630.6	859.6	1156.2	1535.4	1982.9	2514.1
5°	0.0	58.4	169.9	290.1	447.0	634.9	866.6	1167.3	1553.6	2002.3	2548.1
2.5°	0.0	58.5	170.9	290.9	449.6	637.4	871.0	1174.3	1565.7	2013.3	2571.7
0°	0.0	58.6	171.4	290.9	451.0	638.1	872.7	1177.1	1571.7	2015.9	2584.2
-2.5°	0.0	58.5	170.9	290.9	449.6	637.4	871.0	1174.3	1565.7	2013.3	2571.7
-5°	0.0	58.4	169.9	290.1	447.0	634.9	866.6	1167.3	1553.6	2002.3	2548.1
-7.5°	0.0	58.1	168.6	288.6	443.2	630.6	859.6	1156.2	1535.4	1982.9	2514.1
-10°	0.0	57.7	166.8	286.5	438.3	624.3	849.8	1141.0	1511.4	1954.8	2470.3
-12.5°	0.0	57.2	164.6	283.6	432.3	616.1	837.5	1121.8	1481.6	1912.1	2373.6
-15°	0.0	56.6	162.1	279.9	425.2	606.0	822.6	1098.6	1435.0	1821.7	2249.6
-17.5°	0.0	55.9	159.1	275.5	417.1	593.9	805.2	1062.9	1370.0	1727.2	2121.1
-20°	0.0	55.1	155.7	270.4	408.1	579.8	781.9	1017.6	1302.2	1629.7	1989.2



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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	54.1	152.0	264.6	398.1	563.9	751.0	969.9	1231.9	1530.0	1855.2
-25°	0.0	53.1	147.9	258.0	387.1	542.9	718.4	920.2	1159.8	1428.8	1719.9
-27.5°	0.0	52.0	143.4	250.7	375.4	519.4	684.3	868.7	1086.3	1331.0	1596.2
-30°	0.0	50.7	138.6	242.6	362.6	494.9	648.9	815.6	1018.2	1241.1	1474.4
-32.5°	0.0	49.4	133.5	233.8	347.2	469.5	612.3	768.7	953.1	1151.6	1354.7
-35°	0.0	48.0	128.0	224.4	331.1	443.2	578.0	723.2	887.2	1062.8	1237.6
-37.5°	0.0	46.5	122.3	214.2	314.3	418.0	544.5	676.9	820.9	975.2	1131.3
-40°	0.0	44.9	116.2	203.4	296.8	395.9	510.5	629.9	754.3	896.1	1033.1
-42.5°	0.0	43.2	109.9	191.7	279.6	373.1	476.1	582.3	695.6	820.6	938.1
-45°	0.0	41.4	103.2	179.2	262.9	349.6	441.3	537.4	640.6	746.5	847.7
-47.5°	0.0	39.6	96.3	166.3	245.7	325.6	406.3	496.8	585.7	674.3	768.4
-50°	0.0	37.7	89.2	154.9	228.2	300.9	376.0	456.4	532.0	615.0	691.8
-52.5°	0.0	35.7	81.9	143.7	210.3	275.7	346.1	416.0	484.9	556.6	619.0
-55°	0.0	33.6	74.3	132.2	192.0	252.8	315.7	376.5	440.4	499.2	557.7
-57.5°	0.0	31.5	66.5	120.5	173.4	230.1	284.9	341.1	395.8	448.5	498.0
-60°	0.0	29.3	58.5	108.6	154.7	207.1	254.3	305.6	352.3	399.7	441.5
-62.5°	0.0	27.1	54.1	96.4	138.8	183.8	227.3	270.1	313.4	351.0	389.3
-65°	0.0	24.8	49.5	84.0	122.7	160.4	200.1	236.1	274.6	308.1	337.5
-67.5°	0.0	22.4	44.8	71.4	106.4	138.6	172.8	205.8	236.1	267.1	292.0
-70°	0.0	20.0	40.0	58.7	89.9	118.6	145.4	175.4	202.6	226.3	249.6
-72.5°	0.0	17.6	35.2	50.6	73.2	98.4	121.4	144.9	169.3	190.5	208.5
-75°	0.0	15.2	30.3	43.4	56.4	78.1	97.9	117.4	136.0	154.9	171.0
-77.5°	0.0	12.7	25.3	36.3	45.9	57.6	74.2	90.8	106.2	120.3	133.7
-80°	0.0	10.2	20.3	29.1	36.7	43.4	50.5	64.1	76.8	88.3	98.7
-82.5°	0.0	7.6	15.3	21.8	27.6	32.6	36.8	41.7	47.2	56.3	64.5
-85°	0.0	5.1	10.2	14.6	18.4	21.7	24.5	27.8	30.8	33.6	36.2
-87.5°	0.0	2.6	5.1	7.3	9.2	10.9	12.3	13.9	15.4	16.8	18.1
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	19.5	20.8	22.1	23.3	24.4	25.4	26.3	27.1	28.2	29.3	30.4
85°	39.0	41.7	46.2	49.9	53.3	56.2	58.7	60.8	62.9	64.7	66.1
82.5°	71.7	77.8	82.6	86.2	90.4	94.0	97.1	99.8	102.6	105.2	107.4
80°	107.2	114.1	121.1	127.2	133.3	137.8	140.7	141.8	145.4	150.0	154.7
77.5°	145.4	155.8	164.9	172.8	179.2	184.9	188.9	191.3	197.0	203.6	209.4
75°	185.0	197.6	210.2	221.3	230.1	236.6	241.3	245.2	252.0	260.7	268.0
72.5°	226.2	243.2	258.2	271.1	282.8	291.8	298.5	302.9	309.8	319.9	328.1
70°	269.6	289.1	309.3	326.0	338.5	349.1	357.9	364.0	370.1	380.4	388.1
67.5°	314.5	342.3	364.8	382.4	396.4	409.4	419.3	425.8	428.5	438.9	447.5
65°	367.4	397.1	422.2	442.0	456.0	472.0	483.1	488.5	490.3	501.6	512.2
62.5°	421.3	454.3	481.7	504.4	522.5	537.7	550.2	557.2	558.4	566.7	578.9
60°	478.9	512.6	545.3	572.5	591.9	607.6	621.1	628.5	630.0	633.4	647.4
57.5°	538.9	575.3	613.4	644.0	666.7	679.6	694.4	702.5	705.8	703.8	718.2
55°	604.2	642.0	685.0	720.7	744.9	756.7	770.4	782.2	786.2	783.6	792.2
52.5°	678.1	715.7	761.7	800.8	827.9	842.0	851.7	865.9	872.4	869.4	867.8
50°	755.8	803.1	841.1	885.9	918.5	937.1	937.4	955.0	963.4	960.8	949.2
47.5°	843.8	897.1	925.9	977.2	1019.6	1041.6	1043.0	1050.0	1060.5	1063.2	1053.3
45°	938.8	1003.9	1034.8	1080.7	1128.2	1155.0	1163.1	1150.5	1169.2	1175.0	1168.8
42.5°	1038.8	1122.0	1170.7	1189.3	1244.6	1281.9	1296.3	1287.4	1286.5	1299.6	1299.3
40°	1154.4	1249.9	1323.1	1342.5	1370.4	1421.9	1452.3	1450.6	1416.5	1440.8	1447.2
37.5°	1278.0	1402.1	1492.6	1532.8	1511.6	1580.2	1624.8	1642.9	1621.7	1597.7	1625.0
35°	1408.0	1564.8	1686.8	1755.4	1758.5	1756.8	1826.7	1864.2	1866.7	1823.0	1832.9
32.5°	1553.5	1737.6	1899.2	2010.2	2060.5	2029.4	2047.6	2126.3	2164.9	2148.2	2085.1
30°	1709.8	1935.7	2133.8	2290.3	2402.9	2436.1	2361.1	2422.5	2507.9	2542.0	2514.7
27.5°	1867.9	2145.8	2397.0	2614.1	2788.5	2899.1	2901.7	2806.8	2903.7	2986.0	3017.8
25°	2028.4	2356.1	2676.2	2970.4	3234.3	3424.5	3511.9	3522.0	3386.6	3509.8	3624.5
22.5°	2199.5	2572.5	2952.4	3349.8	3717.7	3996.8	4208.8	4336.6	4332.4	4203.2	4304.1
20°	2380.6	2808.0	3250.4	3721.8	4223.6	4607.1	4962.5	5234.3	5397.9	5452.3	5346.4
17.5°	2561.3	3045.6	3563.2	4124.6	4705.2	5237.0	5769.5	6203.3	6546.9	6829.0	6929.9
15°	2739.8	3282.7	3877.2	4530.3	5201.1	5866.8	6551.5	7215.7	7800.4	8316.6	8622.7
12.5°	2914.2	3516.5	4188.7	4934.0	5704.0	6505.2	7322.3	8131.5	8973.8	9809.9	10445.4
10°	3082.3	3744.1	4493.8	5330.7	6206.3	7143.5	8091.7	9052.0	10075.3	11061.4	12010.7
7.5°	3154.2	3892.9	4756.7	5715.0	6700.2	7771.8	8849.4	9964.3	11160.0	12310.6	13469.8
5°	3198.6	3952.0	4830.6	5828.9	6925.0	8181.9	9467.7	10848.7	12213.1	13537.9	14903.8
2.5°	3228.1	3992.4	4879.9	5873.9	6958.5	8249.3	9551.2	10985.2	12516.0	14047.7	15673.9
0°	3242.6	4013.8	4904.5	5887.6	6954.2	8271.1	9583.5	11062.7	12614.1	14172.3	15836.4
-2.5°	3228.1	3992.4	4879.9	5873.9	6958.5	8249.3	9551.2	10985.2	12516.0	14047.7	15673.9
-5°	3198.6	3952.0	4830.6	5828.9	6925.0	8181.9	9467.7	10848.7	12213.1	13537.9	14903.8
-7.5°	3154.2	3892.9	4756.7	5715.0	6700.2	7771.8	8849.4	9964.3	11160.0	12310.6	13469.8
-10°	3082.3	3744.1	4493.8	5330.7	6206.3	7143.5	8091.7	9052.0	10075.3	11061.4	12010.7
-12.5°	2914.2	3516.5	4188.7	4934.0	5704.0	6505.2	7322.3	8131.5	8973.8	9809.9	10445.4
-15°	2739.8	3282.7	3877.2	4530.3	5201.1	5866.8	6551.5	7215.7	7800.4	8316.6	8622.7
-17.5°	2561.3	3045.6	3563.2	4124.6	4705.2	5237.0	5769.5	6203.3	6546.9	6829.0	6929.9
-20°	2380.6	2808.0	3250.4	3721.8	4223.6	4607.1	4962.5	5234.3	5397.9	5452.3	5346.4



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	2199.5	2572.5	2952.4	3349.8	3717.7	3996.8	4208.8	4336.6	4332.4	4203.2	4304.1
-25°	2028.4	2356.1	2676.2	2970.4	3234.3	3424.5	3511.9	3522.0	3386.6	3509.8	3624.5
-27.5°	1867.9	2145.8	2397.0	2614.1	2788.5	2899.1	2901.7	2806.8	2903.7	2986.0	3017.8
-30°	1709.8	1935.7	2133.8	2290.3	2402.9	2436.1	2361.1	2422.5	2507.9	2542.0	2514.7
-32.5°	1553.5	1737.6	1899.2	2010.2	2060.5	2029.4	2047.6	2126.3	2164.9	2148.2	2085.1
-35°	1408.0	1564.8	1686.8	1755.4	1758.5	1756.8	1826.7	1864.2	1866.7	1823.0	1832.9
-37.5°	1278.0	1402.1	1492.6	1532.8	1511.6	1580.2	1624.8	1642.9	1621.7	1597.7	1625.0
-40°	1154.4	1249.9	1323.1	1342.5	1370.4	1421.9	1452.3	1450.6	1416.5	1440.8	1447.2
-42.5°	1038.8	1122.0	1170.7	1189.3	1244.6	1281.9	1296.3	1287.4	1286.5	1299.6	1299.3
-45°	938.8	1003.9	1034.8	1080.7	1128.2	1155.0	1163.1	1150.5	1169.2	1175.0	1168.8
-47.5°	843.8	897.1	925.9	977.2	1019.6	1041.6	1043.0	1050.0	1060.5	1063.2	1053.3
-50°	755.8	803.1	841.1	885.9	918.5	937.1	937.4	955.0	963.4	960.8	949.2
-52.5°	678.1	715.7	761.7	800.8	827.9	842.0	851.7	865.9	872.4	869.4	867.8
-55°	604.2	642.0	685.0	720.7	744.9	756.7	770.4	782.2	786.2	783.6	792.2
-57.5°	538.9	575.3	613.4	644.0	666.7	679.6	694.4	702.5	705.8	703.8	718.2
-60°	478.9	512.6	545.3	572.5	591.9	607.6	621.1	628.5	630.0	633.4	647.4
-62.5°	421.3	454.3	481.7	504.4	522.5	537.7	550.2	557.2	558.4	566.7	578.9
-65°	367.4	397.1	422.2	442.0	456.0	472.0	483.1	488.5	490.3	501.6	512.2
-67.5°	314.5	342.3	364.8	382.4	396.4	409.4	419.3	425.8	428.5	438.9	447.5
-70°	269.6	289.1	309.3	326.0	338.5	349.1	357.9	364.0	370.1	380.4	388.1
-72.5°	226.2	243.2	258.2	271.1	282.8	291.8	298.5	302.9	309.8	319.9	328.1
-75°	185.0	197.6	210.2	221.3	230.1	236.6	241.3	245.2	252.0	260.7	268.0
-77.5°	145.4	155.8	164.9	172.8	179.2	184.9	188.9	191.3	197.0	203.6	209.4
-80°	107.2	114.1	121.1	127.2	133.3	137.8	140.7	141.8	145.4	150.0	154.7
-82.5°	71.7	77.8	82.6	86.2	90.4	94.0	97.1	99.8	102.6	105.2	107.4
-85°	39.0	41.7	46.2	49.9	53.3	56.2	58.7	60.8	62.9	64.7	66.1
-87.5°	19.5	20.8	22.1	23.3	24.4	25.4	26.3	27.1	28.2	29.3	30.4
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	31.4	30.9	30.3	29.5	28.7	28.7	28.6	28.5	28.3	28.1	27.8
85°	67.1	68.4	69.6	70.8	71.9	73.1	74.1	74.9	75.5	75.5	75.2
82.5°	109.3	112.9	116.6	120.0	123.3	125.0	126.2	127.1	127.5	128.6	129.4
80°	158.7	164.0	169.0	173.1	176.4	178.9	181.0	182.6	183.8	185.1	186.0
77.5°	214.7	220.6	226.4	231.4	235.6	239.7	243.1	245.9	247.9	251.0	253.9
75°	274.2	280.9	288.0	294.4	300.0	305.9	311.7	317.1	321.9	325.9	328.9
72.5°	334.4	341.5	350.2	358.3	365.8	373.8	381.6	388.6	394.5	400.2	405.2
70°	393.8	400.5	411.6	422.4	432.5	442.1	451.6	460.1	467.6	474.9	481.4
67.5°	455.1	462.1	476.0	488.5	499.7	510.3	521.3	531.1	539.7	547.4	554.1
65°	520.5	526.7	541.8	555.5	567.3	577.2	589.1	599.9	609.5	617.9	625.1
62.5°	588.3	594.5	606.9	620.4	631.7	641.2	655.2	667.3	677.6	686.2	693.3
60°	657.0	662.3	671.9	686.8	699.4	709.7	722.1	733.9	743.9	752.3	759.8
57.5°	728.4	733.8	738.4	753.3	765.5	774.9	785.7	797.2	806.9	814.8	822.6
55°	802.1	806.3	804.8	818.6	830.0	837.6	845.7	857.9	867.5	874.6	881.7
52.5°	877.5	882.4	879.0	884.8	897.2	904.2	907.6	920.9	930.7	937.1	943.6
50°	961.4	965.4	962.3	959.0	971.1	978.3	980.2	990.9	999.8	1004.7	1009.3
47.5°	1052.4	1057.3	1054.9	1041.7	1052.4	1061.5	1061.7	1066.3	1075.6	1079.3	1082.1
45°	1151.4	1160.8	1158.8	1149.6	1148.1	1157.4	1156.5	1152.9	1163.5	1168.3	1169.8
42.5°	1281.3	1278.2	1281.1	1275.8	1259.5	1270.0	1271.3	1258.0	1271.4	1277.1	1273.8
40°	1440.2	1411.2	1427.2	1424.8	1409.5	1407.2	1415.5	1404.6	1406.6	1414.9	1408.6
37.5°	1629.3	1608.6	1599.9	1607.1	1602.6	1583.0	1598.6	1594.8	1582.5	1596.4	1590.3
35°	1862.2	1856.0	1809.3	1837.7	1843.6	1825.0	1830.4	1838.4	1811.7	1832.7	1830.4
32.5°	2134.4	2148.2	2138.1	2120.7	2147.2	2150.6	2119.8	2156.8	2141.9	2147.1	2161.7
30°	2442.7	2513.4	2547.9	2517.1	2533.6	2566.6	2551.5	2577.2	2589.4	2570.2	2606.5
27.5°	2981.3	2956.2	3038.7	3074.6	3036.1	3096.2	3139.9	3120.5	3184.3	3146.5	3200.5
25°	3665.8	3629.0	3651.0	3769.6	3796.0	3765.5	3888.4	3902.9	3953.5	3959.7	3997.3
22.5°	4470.0	4559.0	4548.6	4584.7	4733.8	4783.6	4829.0	4947.2	4920.3	5027.5	5046.1
20°	5369.2	5592.9	5747.0	5779.4	5843.1	6014.5	6093.1	6186.3	6249.0	6350.4	6436.2
17.5°	6890.3	6775.6	7078.0	7267.8	7367.7	7403.4	7609.8	7677.0	7832.1	7920.7	8008.6
15°	8843.3	8910.2	8773.7	8954.7	9260.5	9363.8	9245.1	9522.2	9600.2	9749.4	9775.8
12.5°	10930.8	11268.8	11434.4	11479.5	11319.7	11754.7	11928.9	11710.1	11958.3	11913.6	12117.7
10°	12922.7	13743.8	14235.2	14581.0	14791.1	14917.7	15043.5	15269.5	15273.5	15441.0	15343.2
7.5°	14558.0	15599.0	16593.5	17558.2	18329.9	18762.5	19102.1	19427.9	19862.7	20070.8	20206.1
5°	16157.8	17358.9	18548.8	19718.2	20777.2	21796.0	22794.5	23660.7	24119.7	24656.1	25134.3
2.5°	17192.6	18711.8	20231.4	21736.6	22960.3	24083.0	25122.3	26087.6	26934.4	27717.7	28379.2
0°	17394.6	19094.8	20680.0	22181.8	23559.6	24946.3	26157.2	27248.6	28170.9	29003.0	29564.4
-2.5°	17192.6	18711.8	20231.4	21736.6	22960.3	24083.0	25122.3	26087.6	26934.4	27717.7	28379.2
-5°	16157.8	17358.9	18548.8	19718.2	20777.2	21796.0	22794.5	23660.7	24119.7	24656.1	25134.3
-7.5°	14558.0	15599.0	16593.5	17558.2	18329.9	18762.5	19102.1	19427.9	19862.7	20070.8	20206.1
-10°	12922.7	13743.8	14235.2	14581.0	14791.1	14917.7	15043.5	15269.5	15273.5	15441.0	15343.2
-12.5°	10930.8	11268.8	11434.4	11479.5	11319.7	11754.7	11928.9	11710.1	11958.3	11913.6	12117.7
-15°	8843.3	8910.2	8773.7	8954.7	9260.5	9363.8	9245.1	9522.2	9600.2	9749.4	9775.8
-17.5°	6890.3	6775.6	7078.0	7267.8	7367.7	7403.4	7609.8	7677.0	7832.1	7920.7	8008.6
-20°	5369.2	5592.9	5747.0	5779.4	5843.1	6014.5	6093.1	6186.3	6249.0	6350.4	6436.2



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4470.0	4559.0	4548.6	4584.7	4733.8	4783.6	4829.0	4947.2	4920.3	5027.5	5046.1
-25°	3665.8	3629.0	3651.0	3769.6	3796.0	3765.5	3888.4	3902.9	3953.5	3959.7	3997.3
-27.5°	2981.3	2956.2	3038.7	3074.6	3036.1	3096.2	3139.9	3120.5	3184.3	3146.5	3200.5
-30°	2442.7	2513.4	2547.9	2517.1	2533.6	2566.6	2551.5	2577.2	2589.4	2570.2	2606.5
-32.5°	2134.4	2148.2	2138.1	2120.7	2147.2	2150.6	2119.8	2156.8	2141.9	2147.1	2161.7
-35°	1862.2	1856.0	1809.3	1837.7	1843.6	1825.0	1830.4	1838.4	1811.7	1832.7	1830.4
-37.5°	1629.3	1608.6	1599.9	1607.1	1602.6	1583.0	1598.6	1594.8	1582.5	1596.4	1590.3
-40°	1440.2	1411.2	1427.2	1424.8	1409.5	1407.2	1415.5	1404.6	1406.6	1414.9	1408.6
-42.5°	1281.3	1278.2	1281.1	1275.8	1259.5	1270.0	1271.3	1258.0	1271.4	1277.1	1273.8
-45°	1151.4	1160.8	1158.8	1149.6	1148.1	1157.4	1156.5	1152.9	1163.5	1168.3	1169.8
-47.5°	1052.4	1057.3	1054.9	1041.7	1052.4	1061.5	1061.7	1066.3	1075.6	1079.3	1082.1
-50°	961.4	965.4	962.3	959.0	971.1	978.3	980.2	990.9	999.8	1004.7	1009.3
-52.5°	877.5	882.4	879.0	884.8	897.2	904.2	907.6	920.9	930.7	937.1	943.6
-55°	802.1	806.3	804.8	818.6	830.0	837.6	845.7	857.9	867.5	874.6	881.7
-57.5°	728.4	733.8	738.4	753.3	765.5	774.9	785.7	797.2	806.9	814.8	822.6
-60°	657.0	662.3	671.9	686.8	699.4	709.7	722.1	733.9	743.9	752.3	759.8
-62.5°	588.3	594.5	606.9	620.4	631.7	641.2	655.2	667.3	677.6	686.2	693.3
-65°	520.5	526.7	541.8	555.5	567.3	577.2	589.1	599.9	609.5	617.9	625.1
-67.5°	455.1	462.1	476.0	488.5	499.7	510.3	521.3	531.1	539.7	547.4	554.1
-70°	393.8	400.5	411.6	422.4	432.5	442.1	451.6	460.1	467.6	474.9	481.4
-72.5°	334.4	341.5	350.2	358.3	365.8	373.8	381.6	388.6	394.5	400.2	405.2
-75°	274.2	280.9	288.0	294.4	300.0	305.9	311.7	317.1	321.9	325.9	328.9
-77.5°	214.7	220.6	226.4	231.4	235.6	239.7	243.1	245.9	247.9	251.0	253.9
-80°	158.7	164.0	169.0	173.1	176.4	178.9	181.0	182.6	183.8	185.1	186.0
-82.5°	109.3	112.9	116.6	120.0	123.3	125.0	126.2	127.1	127.5	128.6	129.4
-85°	67.1	68.4	69.6	70.8	71.9	73.1	74.1	74.9	75.5	75.5	75.2
-87.5°	31.4	30.9	30.3	29.5	28.7	28.7	28.6	28.5	28.3	28.1	27.8
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	27.4	27.0	28.2	29.3	28.2	27.0	27.4	27.8	28.1	28.3	28.5
85°	74.7	74.0	75.5	76.7	75.5	74.0	74.7	75.2	75.5	75.5	74.9
82.5°	129.9	130.2	130.6	130.8	130.6	130.2	129.9	129.4	128.6	127.5	127.1
80°	186.4	186.4	185.9	184.9	185.9	186.4	186.4	186.0	185.1	183.8	182.6
77.5°	256.2	257.9	258.9	259.3	258.9	257.9	256.2	253.9	251.0	247.9	245.9
75°	331.0	332.0	332.2	331.5	332.2	332.0	331.0	328.9	325.9	321.9	317.1
72.5°	409.4	412.6	413.3	412.7	413.3	412.6	409.4	405.2	400.2	394.5	388.6
70°	486.9	491.2	491.1	489.3	491.1	491.2	486.9	481.4	474.9	467.6	460.1
67.5°	559.4	563.3	566.3	568.2	566.3	563.3	559.4	554.1	547.4	539.7	531.1
65°	630.8	635.1	637.4	638.1	637.4	635.1	630.8	625.1	617.9	609.5	599.9
62.5°	698.8	702.7	705.0	705.8	705.0	702.7	698.8	693.3	686.2	677.6	667.3
60°	765.8	770.0	770.7	768.9	770.7	770.0	765.8	759.8	752.3	743.9	733.9
57.5°	828.7	833.1	833.0	829.8	833.0	833.1	828.7	822.6	814.8	806.9	797.2
55°	886.9	890.0	891.2	890.7	891.2	890.0	886.9	881.7	874.6	867.5	857.9
52.5°	948.4	950.9	952.0	951.6	952.0	950.9	948.4	943.6	937.1	930.7	920.9
50°	1012.6	1012.9	1012.8	1012.5	1012.8	1012.9	1012.6	1009.3	1004.7	999.8	990.9
47.5°	1086.0	1086.7	1086.9	1086.9	1086.9	1086.7	1086.0	1082.1	1079.3	1075.6	1066.3
45°	1172.8	1170.4	1167.9	1168.1	1167.9	1170.4	1172.8	1169.8	1168.3	1163.5	1152.9
42.5°	1276.9	1274.2	1271.0	1271.8	1271.0	1274.2	1276.9	1273.8	1277.1	1271.4	1258.0
40°	1414.1	1413.3	1408.7	1407.1	1408.7	1413.3	1414.1	1408.6	1414.9	1406.6	1404.6
37.5°	1591.2	1588.6	1578.3	1573.9	1578.3	1588.6	1591.2	1590.3	1596.4	1582.5	1594.8
35°	1824.2	1820.7	1805.0	1806.2	1805.0	1820.7	1824.2	1830.4	1832.7	1811.7	1838.4
32.5°	2154.4	2155.6	2131.8	2126.4	2131.8	2155.6	2154.4	2161.7	2147.1	2141.9	2156.8
30°	2583.9	2593.4	2565.4	2577.4	2565.4	2593.4	2583.9	2606.5	2570.2	2589.4	2577.2
27.5°	3199.5	3217.4	3192.7	3172.7	3192.7	3217.4	3199.5	3200.5	3146.5	3184.3	3120.5
25°	4046.7	4060.1	4031.8	4007.0	4031.8	4060.1	4046.7	3997.3	3959.7	3953.5	3902.9
22.5°	5149.5	5148.6	5147.2	5186.3	5147.2	5148.6	5149.5	5046.1	5027.5	4920.3	4947.2
20°	6491.6	6459.1	6507.7	6539.3	6507.7	6459.1	6491.6	6436.2	6350.4	6249.0	6186.3
17.5°	8029.0	8089.9	8136.7	8214.7	8136.7	8089.9	8029.0	8008.6	7920.7	7832.1	7677.0
15°	9841.9	9933.9	9980.6	9955.5	9980.6	9933.9	9841.9	9775.8	9749.4	9600.2	9522.2
12.5°	12124.9	12234.6	12153.6	12052.6	12153.6	12234.6	12124.9	12117.7	11913.6	11958.3	11710.1
10°	15344.6	15581.0	15594.2	15396.7	15594.2	15581.0	15344.6	15343.2	15441.0	15273.5	15269.5
7.5°	20284.7	20399.7	20574.2	20583.0	20574.2	20399.7	20284.7	20206.1	20070.8	19862.7	19427.9
5°	25351.1	25657.2	25854.5	26195.6	25854.5	25657.2	25351.1	25134.3	24656.1	24119.7	23660.7
2.5°	28806.4	29202.0	29353.8	29740.3	29353.8	29202.0	28806.4	28379.2	27717.7	26934.4	26087.6
0°	30065.0	30385.2	30576.9	30730.2	30576.9	30385.2	30065.0	29564.4	29003.0	28170.9	27248.6
-2.5°	28806.4	29202.0	29353.8	29740.3	29353.8	29202.0	28806.4	28379.2	27717.7	26934.4	26087.6
-5°	25351.1	25657.2	25854.5	26195.6	25854.5	25657.2	25351.1	25134.3	24656.1	24119.7	23660.7
-7.5°	20284.7	20399.7	20574.2	20583.0	20574.2	20399.7	20284.7	20206.1	20070.8	19862.7	19427.9
-10°	15344.6	15581.0	15594.2	15396.7	15594.2	15581.0	15344.6	15343.2	15441.0	15273.5	15269.5
-12.5°	12124.9	12234.6	12153.6	12052.6	12153.6	12234.6	12124.9	12117.7	11913.6	11958.3	11710.1
-15°	9841.9	9933.9	9980.6	9955.5	9980.6	9933.9	9841.9	9775.8	9749.4	9600.2	9522.2
-17.5°	8029.0	8089.9	8136.7	8214.7	8136.7	8089.9	8029.0	8008.6	7920.7	7832.1	7677.0
-20°	6491.6	6459.1	6507.7	6539.3	6507.7	6459.1	6491.6	6436.2	6350.4	6249.0	6186.3



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	5149.5	5148.6	5147.2	5186.3	5147.2	5148.6	5149.5	5046.1	5027.5	4920.3	4947.2
-25°	4046.7	4060.1	4031.8	4007.0	4031.8	4060.1	4046.7	3997.3	3959.7	3953.5	3902.9
-27.5°	3199.5	3217.4	3192.7	3172.7	3192.7	3217.4	3199.5	3200.5	3146.5	3184.3	3120.5
-30°	2583.9	2593.4	2565.4	2577.4	2565.4	2593.4	2583.9	2606.5	2570.2	2589.4	2577.2
-32.5°	2154.4	2155.6	2131.8	2126.4	2131.8	2155.6	2154.4	2161.7	2147.1	2141.9	2156.8
-35°	1824.2	1820.7	1805.0	1806.2	1805.0	1820.7	1824.2	1830.4	1832.7	1811.7	1838.4
-37.5°	1591.2	1588.6	1578.3	1573.9	1578.3	1588.6	1591.2	1590.3	1596.4	1582.5	1594.8
-40°	1414.1	1413.3	1408.7	1407.1	1408.7	1413.3	1414.1	1408.6	1414.9	1406.6	1404.6
-42.5°	1276.9	1274.2	1271.0	1271.8	1271.0	1274.2	1276.9	1273.8	1277.1	1271.4	1258.0
-45°	1172.8	1170.4	1167.9	1168.1	1167.9	1170.4	1172.8	1169.8	1168.3	1163.5	1152.9
-47.5°	1086.0	1086.7	1086.9	1086.9	1086.9	1086.7	1086.0	1082.1	1079.3	1075.6	1066.3
-50°	1012.6	1012.9	1012.8	1012.5	1012.8	1012.9	1012.6	1009.3	1004.7	999.8	990.9
-52.5°	948.4	950.9	952.0	951.6	952.0	950.9	948.4	943.6	937.1	930.7	920.9
-55°	886.9	890.0	891.2	890.7	891.2	890.0	886.9	881.7	874.6	867.5	857.9
-57.5°	828.7	833.1	833.0	829.8	833.0	833.1	828.7	822.6	814.8	806.9	797.2
-60°	765.8	770.0	770.7	768.9	770.7	770.0	765.8	759.8	752.3	743.9	733.9
-62.5°	698.8	702.7	705.0	705.8	705.0	702.7	698.8	693.3	686.2	677.6	667.3
-65°	630.8	635.1	637.4	638.1	637.4	635.1	630.8	625.1	617.9	609.5	599.9
-67.5°	559.4	563.3	566.3	568.2	566.3	563.3	559.4	554.1	547.4	539.7	531.1
-70°	486.9	491.2	491.1	489.3	491.1	491.2	486.9	481.4	474.9	467.6	460.1
-72.5°	409.4	412.6	413.3	412.7	413.3	412.6	409.4	405.2	400.2	394.5	388.6
-75°	331.0	332.0	332.2	331.5	332.2	332.0	331.0	328.9	325.9	321.9	317.1
-77.5°	256.2	257.9	258.9	259.3	258.9	257.9	256.2	253.9	251.0	247.9	245.9
-80°	186.4	186.4	185.9	184.9	185.9	186.4	186.4	186.0	185.1	183.8	182.6
-82.5°	129.9	130.2	130.6	130.8	130.6	130.2	129.9	129.4	128.6	127.5	127.1
-85°	74.7	74.0	75.5	76.7	75.5	74.0	74.7	75.2	75.5	75.5	74.9
-87.5°	27.4	27.0	28.2	29.3	28.2	27.0	27.4	27.8	28.1	28.3	28.5
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	28.6	28.7	28.7	29.5	30.3	30.9	31.4	30.4	29.3	28.2	27.1
85°	74.1	73.1	71.9	70.8	69.6	68.4	67.1	66.1	64.7	62.9	60.8
82.5°	126.2	125.0	123.3	120.0	116.6	112.9	109.3	107.4	105.2	102.6	99.8
80°	181.0	178.9	176.4	173.1	169.0	164.0	158.7	154.7	150.0	145.4	141.8
77.5°	243.1	239.7	235.6	231.4	226.4	220.6	214.7	209.4	203.6	197.0	191.3
75°	311.7	305.9	300.0	294.4	288.0	280.9	274.2	268.0	260.7	252.0	245.2
72.5°	381.6	373.8	365.8	358.3	350.2	341.5	334.4	328.1	319.9	309.8	302.9
70°	451.6	442.1	432.5	422.4	411.6	400.5	393.8	388.1	380.4	370.1	364.0
67.5°	521.3	510.3	499.7	488.5	476.0	462.1	455.1	447.5	438.9	428.5	425.8
65°	589.1	577.2	567.3	555.5	541.8	526.7	520.5	512.2	501.6	490.3	488.5
62.5°	655.2	641.2	631.7	620.4	606.9	594.5	588.3	578.9	566.7	558.4	557.2
60°	722.1	709.7	699.4	686.8	671.9	662.3	657.0	647.4	633.4	630.0	628.5
57.5°	785.7	774.9	765.5	753.3	738.4	733.8	728.4	718.2	703.8	705.8	702.5
55°	845.7	837.6	830.0	818.6	804.8	806.3	802.1	792.2	783.6	786.2	782.2
52.5°	907.6	904.2	897.2	884.8	879.0	882.4	877.5	867.8	869.4	872.4	865.9
50°	980.2	978.3	971.1	959.0	962.3	965.4	961.4	949.2	960.8	963.4	955.0
47.5°	1061.7	1061.5	1052.4	1041.7	1054.9	1057.3	1052.4	1053.3	1063.2	1060.5	1050.0
45°	1156.5	1157.4	1148.1	1149.6	1158.8	1160.8	1151.4	1168.8	1175.0	1169.2	1150.5
42.5°	1271.3	1270.0	1259.5	1275.8	1281.1	1278.2	1281.3	1299.3	1299.6	1286.5	1287.4
40°	1415.5	1407.2	1409.5	1424.8	1427.2	1411.2	1440.2	1447.2	1440.8	1416.5	1450.6
37.5°	1598.6	1583.0	1602.6	1607.1	1599.9	1608.6	1629.3	1625.0	1597.7	1621.7	1642.9
35°	1830.4	1825.0	1843.6	1837.7	1809.3	1856.0	1862.2	1832.9	1823.0	1866.7	1864.2
32.5°	2119.8	2150.6	2147.2	2120.7	2138.1	2148.2	2134.4	2085.1	2148.2	2164.9	2126.3
30°	2551.5	2566.6	2533.6	2517.1	2547.9	2513.4	2442.7	2514.7	2542.0	2507.9	2422.5
27.5°	3139.9	3096.2	3036.1	3074.6	3038.7	2956.2	2981.3	3017.8	2986.0	2903.7	2806.8
25°	3888.4	3765.5	3796.0	3769.6	3651.0	3629.0	3665.8	3624.5	3509.8	3386.6	3522.0
22.5°	4829.0	4783.6	4733.8	4584.7	4548.6	4559.0	4470.0	4304.1	4203.2	4332.4	4336.6
20°	6093.1	6014.5	5843.1	5779.4	5747.0	5592.9	5369.2	5346.4	5452.3	5397.9	5234.3
17.5°	7609.8	7403.4	7367.7	7267.8	7078.0	6775.6	6890.3	6929.9	6829.0	6546.9	6203.3
15°	9245.1	9363.8	9260.5	8954.7	8773.7	8910.2	8843.3	8622.7	8316.6	7800.4	7215.7
12.5°	11928.9	11754.7	11319.7	11479.5	11434.4	11268.8	10930.8	10445.4	9809.9	8973.8	8131.5
10°	15043.5	14917.7	14791.1	14581.0	14235.2	13743.8	12922.7	12010.7	11061.4	10075.3	9052.0
7.5°	19102.1	18762.5	18329.9	17558.2	16593.5	15599.0	14558.0	13469.8	12310.6	11160.0	9964.3
5°	22794.5	21796.0	20777.2	19718.2	18548.8	17358.9	16157.8	14903.8	13537.9	12213.1	10848.7
2.5°	25122.3	24083.0	22960.3	21736.6	20231.4	18711.8	17192.6	15673.9	14047.7	12516.0	10985.2
0°	26157.2	24946.3	23559.6	22181.8	20680.0	19094.8	17394.6	15836.4	14172.3	12614.1	11062.7
-2.5°	25122.3	24083.0	22960.3	21736.6	20231.4	18711.8	17192.6	15673.9	14047.7	12516.0	10985.2
-5°	22794.5	21796.0	20777.2	19718.2	18548.8	17358.9	16157.8	14903.8	13537.9	12213.1	10848.7
-7.5°	19102.1	18762.5	18329.9	17558.2	16593.5	15599.0	14558.0	13469.8	12310.6	11160.0	9964.3
-10°	15043.5	14917.7	14791.1	14581.0	14235.2	13743.8	12922.7	12010.7	11061.4	10075.3	9052.0
-12.5°	11928.9	11754.7	11319.7	11479.5	11434.4	11268.8	10930.8	10445.4	9809.9	8973.8	8131.5
-15°	9245.1	9363.8	9260.5	8954.7	8773.7	8910.2	8843.3	8622.7	8316.6	7800.4	7215.7
-17.5°	7609.8	7403.4	7367.7	7267.8	7078.0	6775.6	6890.3	6929.9	6829.0	6546.9	6203.3
-20°	6093.1	6014.5	5843.1	5779.4	5747.0	5592.9	5369.2	5346.4	5452.3	5397.9	5234.3



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4829.0	4783.6	4733.8	4584.7	4548.6	4559.0	4470.0	4304.1	4203.2	4332.4	4336.6
-25°	3888.4	3765.5	3796.0	3769.6	3651.0	3629.0	3665.8	3624.5	3509.8	3386.6	3522.0
-27.5°	3139.9	3096.2	3036.1	3074.6	3038.7	2956.2	2981.3	3017.8	2986.0	2903.7	2806.8
-30°	2551.5	2566.6	2533.6	2517.1	2547.9	2513.4	2442.7	2514.7	2542.0	2507.9	2422.5
-32.5°	2119.8	2150.6	2147.2	2120.7	2138.1	2148.2	2134.4	2085.1	2148.2	2164.9	2126.3
-35°	1830.4	1825.0	1843.6	1837.7	1809.3	1856.0	1862.2	1832.9	1823.0	1866.7	1864.2
-37.5°	1598.6	1583.0	1602.6	1607.1	1599.9	1608.6	1629.3	1625.0	1597.7	1621.7	1642.9
-40°	1415.5	1407.2	1409.5	1424.8	1427.2	1411.2	1440.2	1447.2	1440.8	1416.5	1450.6
-42.5°	1271.3	1270.0	1259.5	1275.8	1281.1	1278.2	1281.3	1299.3	1299.6	1286.5	1287.4
-45°	1156.5	1157.4	1148.1	1149.6	1158.8	1160.8	1151.4	1168.8	1175.0	1169.2	1150.5
-47.5°	1061.7	1061.5	1052.4	1041.7	1054.9	1057.3	1052.4	1053.3	1063.2	1060.5	1050.0
-50°	980.2	978.3	971.1	959.0	962.3	965.4	961.4	949.2	960.8	963.4	955.0
-52.5°	907.6	904.2	897.2	884.8	879.0	882.4	877.5	867.8	869.4	872.4	865.9
-55°	845.7	837.6	830.0	818.6	804.8	806.3	802.1	792.2	783.6	786.2	782.2
-57.5°	785.7	774.9	765.5	753.3	738.4	733.8	728.4	718.2	703.8	705.8	702.5
-60°	722.1	709.7	699.4	686.8	671.9	662.3	657.0	647.4	633.4	630.0	628.5
-62.5°	655.2	641.2	631.7	620.4	606.9	594.5	588.3	578.9	566.7	558.4	557.2
-65°	589.1	577.2	567.3	555.5	541.8	526.7	520.5	512.2	501.6	490.3	488.5
-67.5°	521.3	510.3	499.7	488.5	476.0	462.1	455.1	447.5	438.9	428.5	425.8
-70°	451.6	442.1	432.5	422.4	411.6	400.5	393.8	388.1	380.4	370.1	364.0
-72.5°	381.6	373.8	365.8	358.3	350.2	341.5	334.4	328.1	319.9	309.8	302.9
-75°	311.7	305.9	300.0	294.4	288.0	280.9	274.2	268.0	260.7	252.0	245.2
-77.5°	243.1	239.7	235.6	231.4	226.4	220.6	214.7	209.4	203.6	197.0	191.3
-80°	181.0	178.9	176.4	173.1	169.0	164.0	158.7	154.7	150.0	145.4	141.8
-82.5°	126.2	125.0	123.3	120.0	116.6	112.9	109.3	107.4	105.2	102.6	99.8
-85°	74.1	73.1	71.9	70.8	69.6	68.4	67.1	66.1	64.7	62.9	60.8
-87.5°	28.6	28.7	28.7	29.5	30.3	30.9	31.4	30.4	29.3	28.2	27.1
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	26.3	25.4	24.4	23.3	22.1	20.8	19.5	18.1	16.8	15.4	13.9
85°	58.7	56.2	53.3	49.9	46.2	41.7	39.0	36.2	33.6	30.8	27.8
82.5°	97.1	94.0	90.4	86.2	82.6	77.8	71.7	64.5	56.3	47.2	41.7
80°	140.7	137.8	133.3	127.2	121.1	114.1	107.2	98.7	88.3	76.8	64.1
77.5°	188.9	184.9	179.2	172.8	164.9	155.8	145.4	133.7	120.3	106.2	90.8
75°	241.3	236.6	230.1	221.3	210.2	197.6	185.0	171.0	154.9	136.0	117.4
72.5°	298.5	291.8	282.8	271.1	258.2	243.2	226.2	208.5	190.5	169.3	144.9
70°	357.9	349.1	338.5	326.0	309.3	289.1	269.6	249.6	226.3	202.6	175.4
67.5°	419.3	409.4	396.4	382.4	364.8	342.3	314.5	292.0	267.1	236.1	205.8
65°	483.1	472.0	456.0	442.0	422.2	397.1	367.4	337.5	308.1	274.6	236.1
62.5°	550.2	537.7	522.5	504.4	481.7	454.3	421.3	389.3	351.0	313.4	270.1
60°	621.1	607.6	591.9	572.5	545.3	512.6	478.9	441.5	399.7	352.3	305.6
57.5°	694.4	679.6	666.7	644.0	613.4	575.3	538.9	498.0	448.5	395.8	341.1
55°	770.4	756.7	744.9	720.7	685.0	642.0	604.2	557.7	499.2	440.4	376.5
52.5°	851.7	842.0	827.9	800.8	761.7	715.7	678.1	619.0	556.6	484.9	416.0
50°	937.4	937.1	918.5	885.9	841.1	803.1	755.8	691.8	615.0	532.0	456.4
47.5°	1043.0	1041.6	1019.6	977.2	925.9	897.1	843.8	768.4	674.3	585.7	496.8
45°	1163.1	1155.0	1128.2	1080.7	1034.8	1003.9	938.8	847.7	746.5	640.6	537.4
42.5°	1296.3	1281.9	1244.6	1189.3	1170.7	1122.0	1038.8	938.1	820.6	695.6	582.3
40°	1452.3	1421.9	1370.4	1342.5	1323.1	1249.9	1154.4	1033.1	896.1	754.3	629.9
37.5°	1624.8	1580.2	1511.6	1532.8	1492.6	1402.1	1278.0	1131.3	975.2	820.9	676.9
35°	1826.7	1756.8	1758.5	1755.4	1686.8	1564.8	1408.0	1237.6	1062.8	887.2	723.2
32.5°	2047.6	2029.4	2060.5	2010.2	1899.2	1737.6	1553.5	1354.7	1151.6	953.1	768.7
30°	2361.1	2436.1	2402.9	2290.3	2133.8	1935.7	1709.8	1474.4	1241.1	1018.2	815.6
27.5°	2901.7	2899.1	2788.5	2614.1	2397.0	2145.8	1867.9	1596.2	1331.0	1086.3	868.7
25°	3511.9	3424.5	3234.3	2970.4	2676.2	2356.1	2028.4	1719.9	1428.8	1159.8	920.2
22.5°	4208.8	3996.8	3717.7	3349.8	2952.4	2572.5	2199.5	1855.2	1530.0	1231.9	969.9
20°	4962.5	4607.1	4223.6	3721.8	3250.4	2808.0	2380.6	1989.2	1629.7	1302.2	1017.6
17.5°	5769.5	5237.0	4705.2	4124.6	3563.2	3045.6	2561.3	2121.1	1727.2	1370.0	1062.9
15°	6551.5	5866.8	5201.1	4530.3	3877.2	3282.7	2739.8	2249.6	1821.7	1435.0	1098.6
12.5°	7322.3	6505.2	5704.0	4934.0	4188.7	3516.5	2914.2	2373.6	1912.1	1481.6	1121.8
10°	8091.7	7143.5	6206.3	5330.7	4493.8	3744.1	3082.3	2470.3	1954.8	1511.4	1141.0
7.5°	8849.4	7771.8	6700.2	5715.0	4756.7	3892.9	3154.2	2514.1	1982.9	1535.4	1156.2
5°	9467.7	8181.9	6925.0	5828.9	4830.6	3952.0	3198.6	2548.1	2002.3	1553.6	1167.3
2.5°	9551.2	8249.3	6958.5	5873.9	4879.9	3992.4	3228.1	2571.7	2013.3	1565.7	1174.3
0°	9583.5	8271.1	6954.2	5887.6	4904.5	4013.8	3242.6	2584.2	2015.9	1571.7	1177.1
-2.5°	9551.2	8249.3	6958.5	5873.9	4879.9	3992.4	3228.1	2571.7	2013.3	1565.7	1174.3
-5°	9467.7	8181.9	6925.0	5828.9	4830.6	3952.0	3198.6	2548.1	2002.3	1553.6	1167.3
-7.5°	8849.4	7771.8	6700.2	5715.0	4756.7	3892.9	3154.2	2514.1	1982.9	1535.4	1156.2
-10°	8091.7	7143.5	6206.3	5330.7	4493.8	3744.1	3082.3	2470.3	1954.8	1511.4	1141.0
-12.5°	7322.3	6505.2	5704.0	4934.0	4188.7	3516.5	2914.2	2373.6	1912.1	1481.6	1121.8
-15°	6551.5	5866.8	5201.1	4530.3	3877.2	3282.7	2739.8	2249.6	1821.7	1435.0	1098.6
-17.5°	5769.5	5237.0	4705.2	4124.6	3563.2	3045.6	2561.3	2121.1	1727.2	1370.0	1062.9
-20°	4962.5	4607.1	4223.6	3721.8	3250.4	2808.0	2380.6	1989.2	1629.7	1302.2	1017.6



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	4208.8	3996.8	3717.7	3349.8	2952.4	2572.5	2199.5	1855.2	1530.0	1231.9	969.9
-25°	3511.9	3424.5	3234.3	2970.4	2676.2	2356.1	2028.4	1719.9	1428.8	1159.8	920.2
-27.5°	2901.7	2899.1	2788.5	2614.1	2397.0	2145.8	1867.9	1596.2	1331.0	1086.3	868.7
-30°	2361.1	2436.1	2402.9	2290.3	2133.8	1935.7	1709.8	1474.4	1241.1	1018.2	815.6
-32.5°	2047.6	2029.4	2060.5	2010.2	1899.2	1737.6	1553.5	1354.7	1151.6	953.1	768.7
-35°	1826.7	1756.8	1758.5	1755.4	1686.8	1564.8	1408.0	1237.6	1062.8	887.2	723.2
-37.5°	1624.8	1580.2	1511.6	1532.8	1492.6	1402.1	1278.0	1131.3	975.2	820.9	676.9
-40°	1452.3	1421.9	1370.4	1342.5	1323.1	1249.9	1154.4	1033.1	896.1	754.3	629.9
-42.5°	1296.3	1281.9	1244.6	1189.3	1170.7	1122.0	1038.8	938.1	820.6	695.6	582.3
-45°	1163.1	1155.0	1128.2	1080.7	1034.8	1003.9	938.8	847.7	746.5	640.6	537.4
-47.5°	1043.0	1041.6	1019.6	977.2	925.9	897.1	843.8	768.4	674.3	585.7	496.8
-50°	937.4	937.1	918.5	885.9	841.1	803.1	755.8	691.8	615.0	532.0	456.4
-52.5°	851.7	842.0	827.9	800.8	761.7	715.7	678.1	619.0	556.6	484.9	416.0
-55°	770.4	756.7	744.9	720.7	685.0	642.0	604.2	557.7	499.2	440.4	376.5
-57.5°	694.4	679.6	666.7	644.0	613.4	575.3	538.9	498.0	448.5	395.8	341.1
-60°	621.1	607.6	591.9	572.5	545.3	512.6	478.9	441.5	399.7	352.3	305.6
-62.5°	550.2	537.7	522.5	504.4	481.7	454.3	421.3	389.3	351.0	313.4	270.1
-65°	483.1	472.0	456.0	442.0	422.2	397.1	367.4	337.5	308.1	274.6	236.1
-67.5°	419.3	409.4	396.4	382.4	364.8	342.3	314.5	292.0	267.1	236.1	205.8
-70°	357.9	349.1	338.5	326.0	309.3	289.1	269.6	249.6	226.3	202.6	175.4
-72.5°	298.5	291.8	282.8	271.1	258.2	243.2	226.2	208.5	190.5	169.3	144.9
-75°	241.3	236.6	230.1	221.3	210.2	197.6	185.0	171.0	154.9	136.0	117.4
-77.5°	188.9	184.9	179.2	172.8	164.9	155.8	145.4	133.7	120.3	106.2	90.8
-80°	140.7	137.8	133.3	127.2	121.1	114.1	107.2	98.7	88.3	76.8	64.1
-82.5°	97.1	94.0	90.4	86.2	82.6	77.8	71.7	64.5	56.3	47.2	41.7
-85°	58.7	56.2	53.3	49.9	46.2	41.7	39.0	36.2	33.6	30.8	27.8
-87.5°	26.3	25.4	24.4	23.3	22.1	20.8	19.5	18.1	16.8	15.4	13.9
-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: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-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°	12.3	10.9	9.2	7.3	5.1	2.6	0.0
85°	24.5	21.7	18.4	14.6	10.2	5.1	0.0
82.5°	36.8	32.6	27.6	21.8	15.3	7.6	0.0
80°	50.5	43.4	36.7	29.1	20.3	10.2	0.0
77.5°	74.2	57.6	45.9	36.3	25.3	12.7	0.0
75°	97.9	78.1	56.4	43.4	30.3	15.2	0.0
72.5°	121.4	98.4	73.2	50.6	35.2	17.6	0.0
70°	145.4	118.6	89.9	58.7	40.0	20.0	0.0
67.5°	172.8	138.6	106.4	71.4	44.8	22.4	0.0
65°	200.1	160.4	122.7	84.0	49.5	24.8	0.0
62.5°	227.3	183.8	138.8	96.4	54.1	27.1	0.0
60°	254.3	207.1	154.7	108.6	58.5	29.3	0.0
57.5°	284.9	230.1	173.4	120.5	66.5	31.5	0.0
55°	315.7	252.8	192.0	132.2	74.3	33.6	0.0
52.5°	346.1	275.7	210.3	143.7	81.9	35.7	0.0
50°	376.0	300.9	228.2	154.9	89.2	37.7	0.0
47.5°	406.3	325.6	245.7	166.3	96.3	39.6	0.0
45°	441.3	349.6	262.9	179.2	103.2	41.4	0.0
42.5°	476.1	373.1	279.6	191.7	109.9	43.2	0.0
40°	510.5	395.9	296.8	203.4	116.2	44.9	0.0
37.5°	544.5	418.0	314.3	214.2	122.3	46.5	0.0
35°	578.0	443.2	331.1	224.4	128.0	48.0	0.0
32.5°	612.3	469.5	347.2	233.8	133.5	49.4	0.0
30°	648.9	494.9	362.6	242.6	138.6	50.7	0.0
27.5°	684.3	519.4	375.4	250.7	143.4	52.0	0.0
25°	718.4	542.9	387.1	258.0	147.9	53.1	0.0
22.5°	751.0	563.9	398.1	264.6	152.0	54.1	0.0
20°	781.9	579.8	408.1	270.4	155.7	55.1	0.0
17.5°	805.2	593.9	417.1	275.5	159.1	55.9	0.0
15°	822.6	606.0	425.2	279.9	162.1	56.6	0.0
12.5°	837.5	616.1	432.3	283.6	164.6	57.2	0.0
10°	849.8	624.3	438.3	286.5	166.8	57.7	0.0
7.5°	859.6	630.6	443.2	288.6	168.6	58.1	0.0
5°	866.6	634.9	447.0	290.1	169.9	58.4	0.0
2.5°	871.0	637.4	449.6	290.9	170.9	58.5	0.0
0°	872.7	638.1	451.0	290.9	171.4	58.6	0.0
-2.5°	871.0	637.4	449.6	290.9	170.9	58.5	0.0
-5°	866.6	634.9	447.0	290.1	169.9	58.4	0.0
-7.5°	859.6	630.6	443.2	288.6	168.6	58.1	0.0
-10°	849.8	624.3	438.3	286.5	166.8	57.7	0.0
-12.5°	837.5	616.1	432.3	283.6	164.6	57.2	0.0
-15°	822.6	606.0	425.2	279.9	162.1	56.6	0.0
-17.5°	805.2	593.9	417.1	275.5	159.1	55.9	0.0
-20°	781.9	579.8	408.1	270.4	155.7	55.1	0.0



REPORT NUMBER: P559174 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	751.0	563.9	398.1	264.6	152.0	54.1	0.0
-25°	718.4	542.9	387.1	258.0	147.9	53.1	0.0
-27.5°	684.3	519.4	375.4	250.7	143.4	52.0	0.0
-30°	648.9	494.9	362.6	242.6	138.6	50.7	0.0
-32.5°	612.3	469.5	347.2	233.8	133.5	49.4	0.0
-35°	578.0	443.2	331.1	224.4	128.0	48.0	0.0
-37.5°	544.5	418.0	314.3	214.2	122.3	46.5	0.0
-40°	510.5	395.9	296.8	203.4	116.2	44.9	0.0
-42.5°	476.1	373.1	279.6	191.7	109.9	43.2	0.0
-45°	441.3	349.6	262.9	179.2	103.2	41.4	0.0
-47.5°	406.3	325.6	245.7	166.3	96.3	39.6	0.0
-50°	376.0	300.9	228.2	154.9	89.2	37.7	0.0
-52.5°	346.1	275.7	210.3	143.7	81.9	35.7	0.0
-55°	315.7	252.8	192.0	132.2	74.3	33.6	0.0
-57.5°	284.9	230.1	173.4	120.5	66.5	31.5	0.0
-60°	254.3	207.1	154.7	108.6	58.5	29.3	0.0
-62.5°	227.3	183.8	138.8	96.4	54.1	27.1	0.0
-65°	200.1	160.4	122.7	84.0	49.5	24.8	0.0
-67.5°	172.8	138.6	106.4	71.4	44.8	22.4	0.0
-70°	145.4	118.6	89.9	58.7	40.0	20.0	0.0
-72.5°	121.4	98.4	73.2	50.6	35.2	17.6	0.0
-75°	97.9	78.1	56.4	43.4	30.3	15.2	0.0
-77.5°	74.2	57.6	45.9	36.3	25.3	12.7	0.0
-80°	50.5	43.4	36.7	29.1	20.3	10.2	0.0
-82.5°	36.8	32.6	27.6	21.8	15.3	7.6	0.0
-85°	24.5	21.7	18.4	14.6	10.2	5.1	0.0
-87.5°	12.3	10.9	9.2	7.3	5.1	2.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)