

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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559126 (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-SA5E-940-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

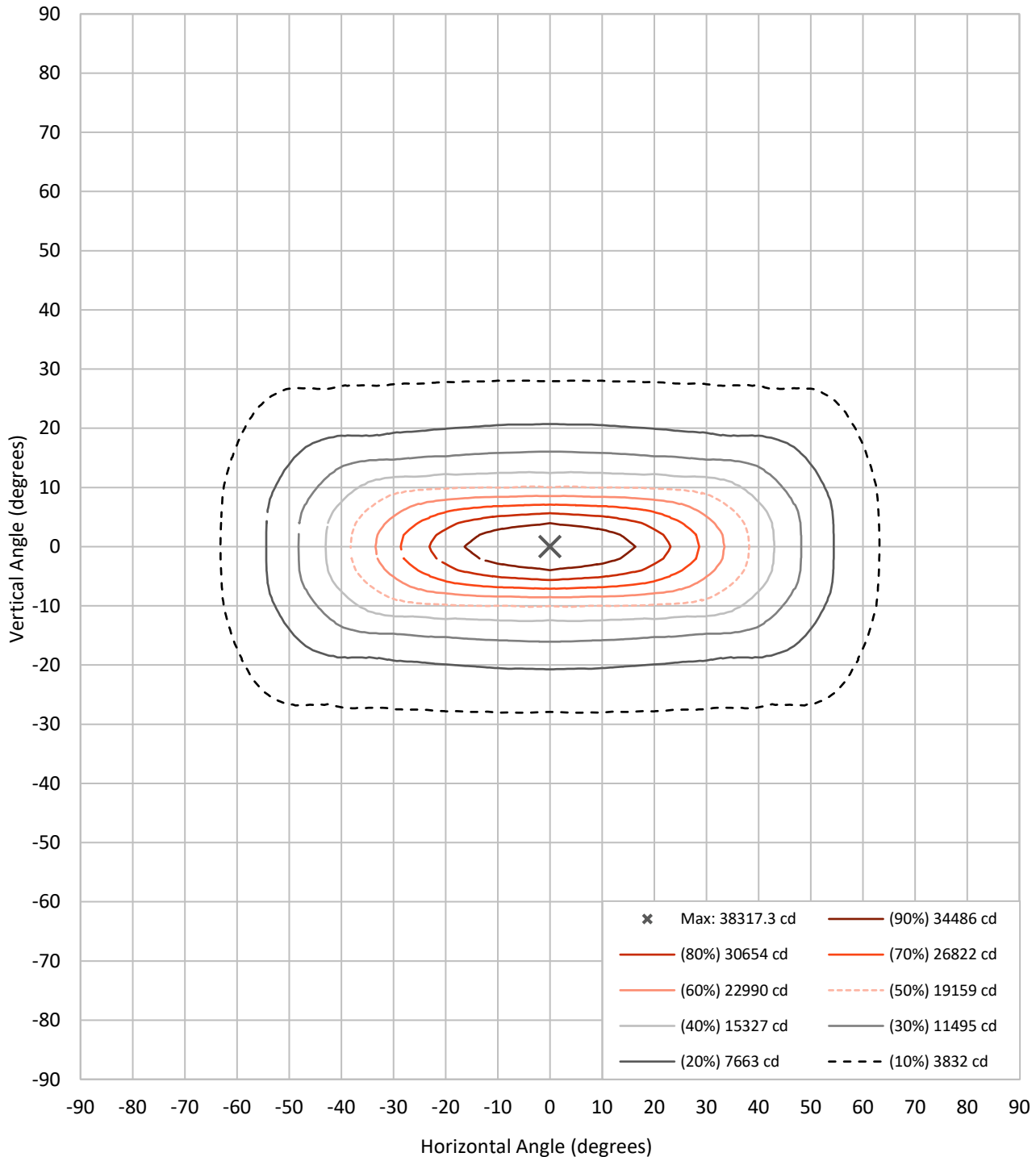
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	27442.1 lumens	Max Intensity:	38317.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	10979.5 lumens	Field Lumens:	22491.7 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 307
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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

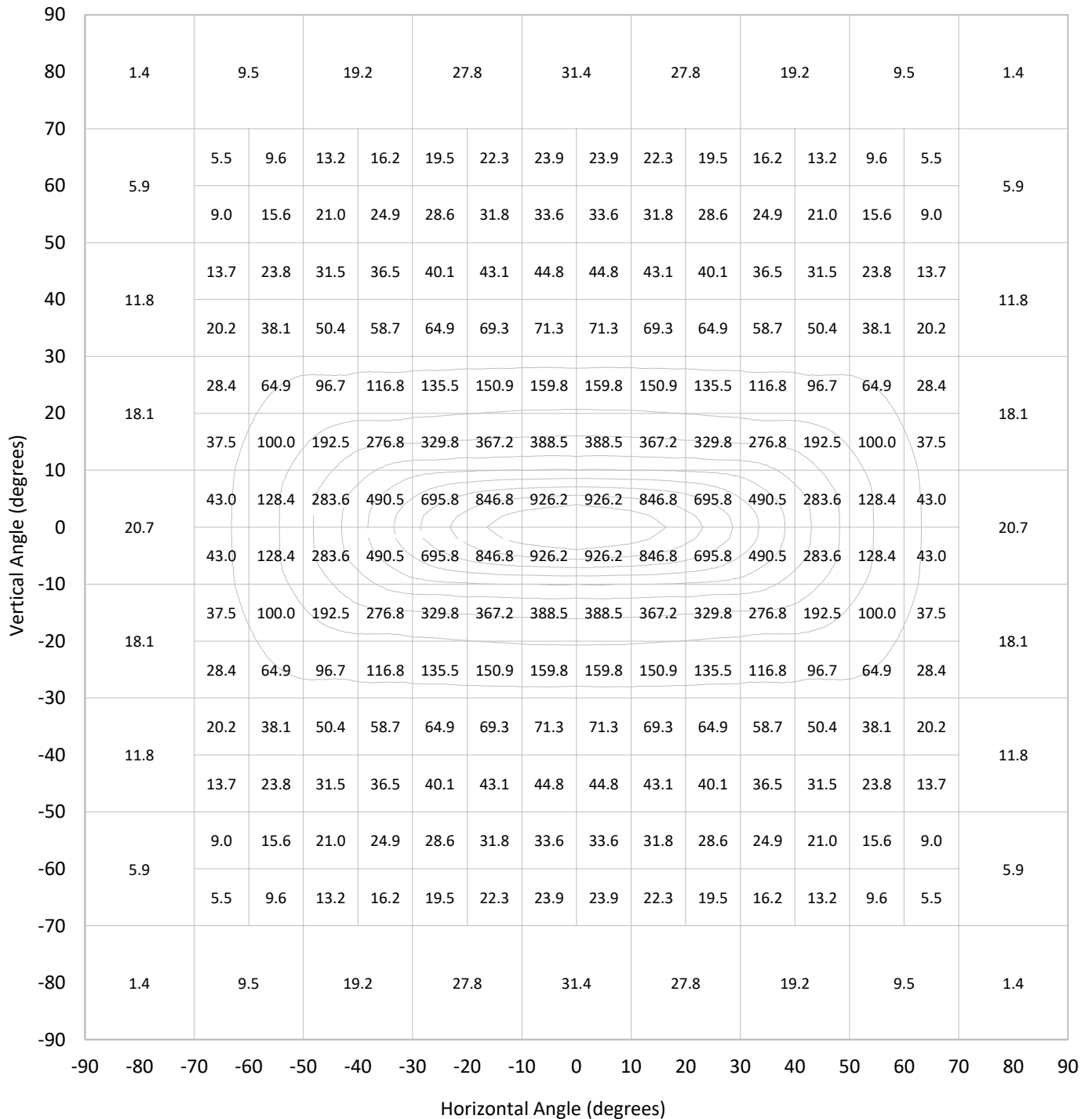
Iso-Candela Plot





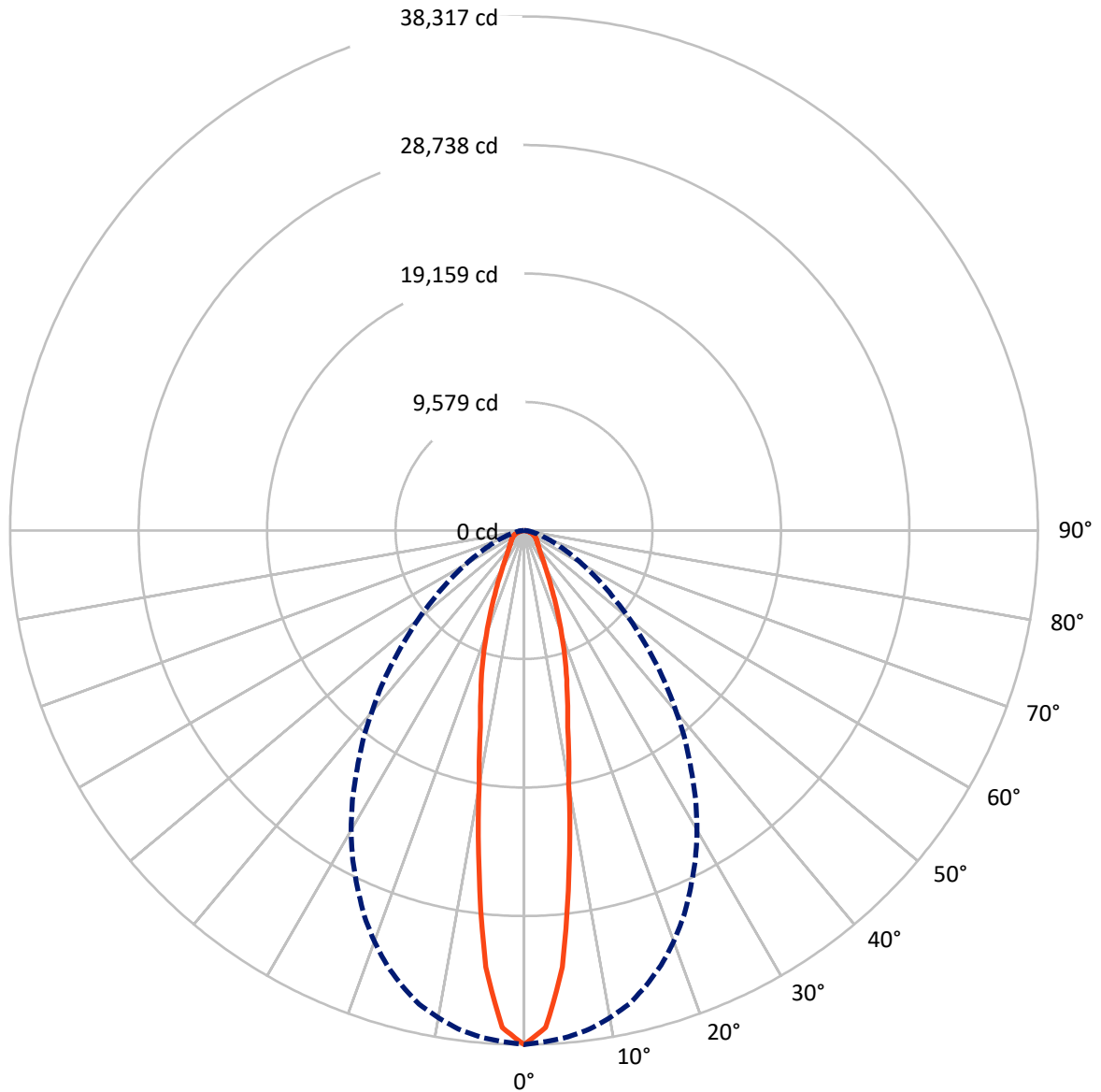
REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

Lumen Table



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

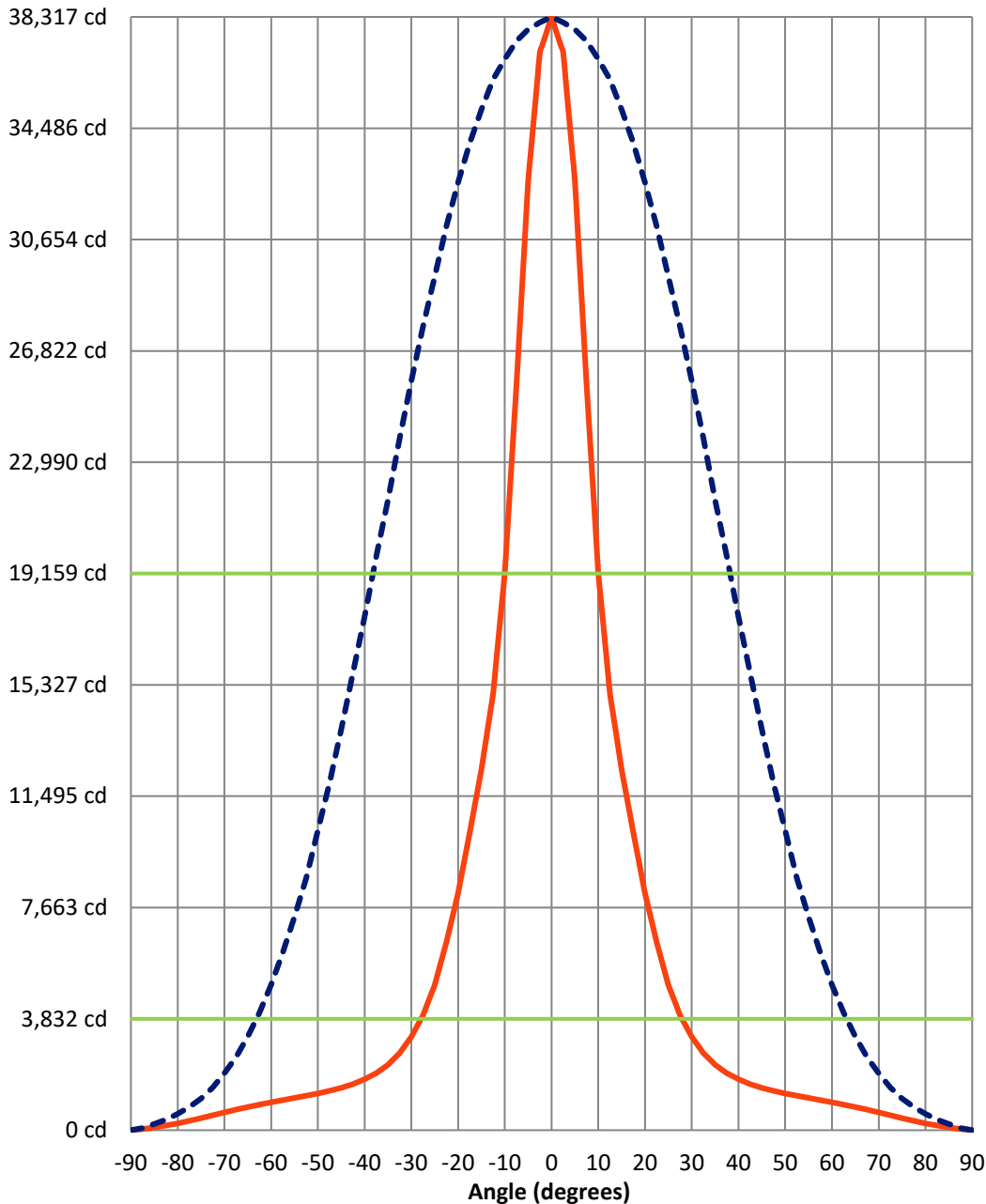
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 10979.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 22491.7
 Efficiency: 82.0%

Spill:
 Lumens: 4950.4
 Efficiency: 18.0%

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



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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	3.2	6.4	9.1	11.5	13.5	15.3	17.3	19.2	21.0	22.6
85°	0.0	6.4	12.7	18.2	22.9	27.1	30.5	34.6	38.4	41.9	45.1
82.5°	0.0	9.5	19.1	27.2	34.4	40.6	45.8	51.9	58.8	70.1	80.4
80°	0.0	12.7	25.4	36.2	45.8	54.1	62.8	79.9	95.7	110.1	123.1
77.5°	0.0	15.8	31.6	45.2	57.2	71.8	92.4	113.2	132.4	150.0	166.7
75°	0.0	18.9	37.8	54.2	70.3	97.3	122.0	146.3	169.6	193.1	213.2
72.5°	0.0	22.0	43.9	63.0	91.3	122.7	151.4	180.7	211.1	237.5	260.0
70°	0.0	25.0	49.9	73.2	112.0	147.9	181.3	218.7	252.7	282.2	311.2
67.5°	0.0	28.0	55.9	89.1	132.6	172.9	215.5	256.7	294.4	333.0	364.1
65°	0.0	30.9	61.7	104.8	153.0	200.0	249.5	294.5	342.5	384.2	420.8
62.5°	0.0	33.7	67.4	120.2	173.1	229.2	283.4	336.9	390.7	437.6	485.5
60°	0.0	36.5	73.0	135.4	192.9	258.2	317.1	381.1	439.2	498.4	550.6
57.5°	0.0	39.3	82.9	150.3	216.3	286.9	355.3	425.3	493.5	559.3	621.0
55°	0.0	41.9	92.6	164.9	239.4	315.2	393.7	469.3	549.2	622.5	695.4
52.5°	0.0	44.5	102.1	179.2	262.2	343.8	431.5	518.7	604.7	694.0	771.8
50°	0.0	47.0	111.3	193.1	284.5	375.2	468.8	569.0	663.3	766.8	862.5
47.5°	0.0	49.4	120.2	207.4	306.4	405.9	506.5	619.5	730.3	840.7	958.0
45°	0.0	51.7	128.8	223.5	327.8	435.9	550.2	670.1	798.8	930.8	1056.9
42.5°	0.0	53.9	137.0	239.1	348.6	465.2	593.6	726.1	867.3	1023.2	1169.6
40°	0.0	56.0	144.9	253.6	370.0	493.6	636.5	785.4	940.5	1117.3	1288.2
37.5°	0.0	58.0	152.5	267.1	391.8	521.2	678.9	844.1	1023.6	1216.0	1410.6
35°	0.0	59.9	159.7	279.8	412.8	552.5	720.7	901.8	1106.2	1325.2	1543.2
32.5°	0.0	61.6	166.5	291.6	432.9	585.3	763.4	958.5	1188.3	1435.9	1689.2
30°	0.0	63.3	172.9	302.5	452.1	617.1	809.1	1017.0	1269.6	1547.5	1838.5
27.5°	0.0	64.8	178.9	312.5	468.0	647.6	853.3	1083.1	1354.5	1659.6	1990.4
25°	0.0	66.2	184.4	321.7	482.7	676.9	895.8	1147.4	1446.2	1781.6	2144.6
22.5°	0.0	67.5	189.5	329.9	496.3	703.1	936.4	1209.4	1536.1	1907.7	2313.2
20°	0.0	68.7	194.2	337.2	508.8	723.0	975.0	1268.8	1623.6	2032.1	2480.4
17.5°	0.0	69.7	198.4	343.6	520.1	740.5	1004.0	1325.3	1708.3	2153.6	2644.8
15°	0.0	70.6	202.1	349.0	530.2	755.6	1025.7	1369.8	1789.3	2271.4	2805.0
12.5°	0.0	71.4	205.3	353.5	539.0	768.2	1044.3	1398.8	1847.3	2384.2	2959.6
10°	0.0	72.0	208.0	357.2	546.5	778.4	1059.6	1422.7	1884.5	2437.5	3080.2
7.5°	0.0	72.5	210.2	359.9	552.6	786.3	1071.7	1441.7	1914.4	2472.5	3134.8
5°	0.0	72.8	211.9	361.7	557.3	791.7	1080.6	1455.5	1937.1	2496.7	3177.2
2.5°	0.0	73.0	213.1	362.6	560.6	794.9	1086.0	1464.2	1952.2	2510.3	3206.6
0°	0.0	73.1	213.7	362.7	562.3	795.7	1088.1	1467.7	1959.7	2513.6	3222.2
-2.5°	0.0	73.0	213.1	362.6	560.6	794.9	1086.0	1464.2	1952.2	2510.3	3206.6
-5°	0.0	72.8	211.9	361.7	557.3	791.7	1080.6	1455.5	1937.1	2496.7	3177.2
-7.5°	0.0	72.5	210.2	359.9	552.6	786.3	1071.7	1441.7	1914.4	2472.5	3134.8
-10°	0.0	72.0	208.0	357.2	546.5	778.4	1059.6	1422.7	1884.5	2437.5	3080.2
-12.5°	0.0	71.4	205.3	353.5	539.0	768.2	1044.3	1398.8	1847.3	2384.2	2959.6
-15°	0.0	70.6	202.1	349.0	530.2	755.6	1025.7	1369.8	1789.3	2271.4	2805.0
-17.5°	0.0	69.7	198.4	343.6	520.1	740.5	1004.0	1325.3	1708.3	2153.6	2644.8
-20°	0.0	68.7	194.2	337.2	508.8	723.0	975.0	1268.8	1623.6	2032.1	2480.4



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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	67.5	189.5	329.9	496.3	703.1	936.4	1209.4	1536.1	1907.7	2313.2
-25°	0.0	66.2	184.4	321.7	482.7	676.9	895.8	1147.4	1446.2	1781.6	2144.6
-27.5°	0.0	64.8	178.9	312.5	468.0	647.6	853.3	1083.1	1354.5	1659.6	1990.4
-30°	0.0	63.3	172.9	302.5	452.1	617.1	809.1	1017.0	1269.6	1547.5	1838.5
-32.5°	0.0	61.6	166.5	291.6	432.9	585.3	763.4	958.5	1188.3	1435.9	1689.2
-35°	0.0	59.9	159.7	279.8	412.8	552.5	720.7	901.8	1106.2	1325.2	1543.2
-37.5°	0.0	58.0	152.5	267.1	391.8	521.2	678.9	844.1	1023.6	1216.0	1410.6
-40°	0.0	56.0	144.9	253.6	370.0	493.6	636.5	785.4	940.5	1117.3	1288.2
-42.5°	0.0	53.9	137.0	239.1	348.6	465.2	593.6	726.1	867.3	1023.2	1169.6
-45°	0.0	51.7	128.8	223.5	327.8	435.9	550.2	670.1	798.8	930.8	1056.9
-47.5°	0.0	49.4	120.2	207.4	306.4	405.9	506.5	619.5	730.3	840.7	958.0
-50°	0.0	47.0	111.3	193.1	284.5	375.2	468.8	569.0	663.3	766.8	862.5
-52.5°	0.0	44.5	102.1	179.2	262.2	343.8	431.5	518.7	604.7	694.0	771.8
-55°	0.0	41.9	92.6	164.9	239.4	315.2	393.7	469.3	549.2	622.5	695.4
-57.5°	0.0	39.3	82.9	150.3	216.3	286.9	355.3	425.3	493.5	559.3	621.0
-60°	0.0	36.5	73.0	135.4	192.9	258.2	317.1	381.1	439.2	498.4	550.6
-62.5°	0.0	33.7	67.4	120.2	173.1	229.2	283.4	336.9	390.7	437.6	485.5
-65°	0.0	30.9	61.7	104.8	153.0	200.0	249.5	294.5	342.5	384.2	420.8
-67.5°	0.0	28.0	55.9	89.1	132.6	172.9	215.5	256.7	294.4	333.0	364.1
-70°	0.0	25.0	49.9	73.2	112.0	147.9	181.3	218.7	252.7	282.2	311.2
-72.5°	0.0	22.0	43.9	63.0	91.3	122.7	151.4	180.7	211.1	237.5	260.0
-75°	0.0	18.9	37.8	54.2	70.3	97.3	122.0	146.3	169.6	193.1	213.2
-77.5°	0.0	15.8	31.6	45.2	57.2	71.8	92.4	113.2	132.4	150.0	166.7
-80°	0.0	12.7	25.4	36.2	45.8	54.1	62.8	79.9	95.7	110.1	123.1
-82.5°	0.0	9.5	19.1	27.2	34.4	40.6	45.8	51.9	58.8	70.1	80.4
-85°	0.0	6.4	12.7	18.2	22.9	27.1	30.5	34.6	38.4	41.9	45.1
-87.5°	0.0	3.2	6.4	9.1	11.5	13.5	15.3	17.3	19.2	21.0	22.6
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	24.3	26.0	27.6	29.0	30.4	31.6	32.8	33.8	35.2	36.6	37.9
85°	48.6	52.0	57.6	62.2	66.4	70.1	73.2	75.8	78.5	80.7	82.5
82.5°	89.5	97.0	103.0	107.5	112.7	117.1	121.0	124.4	127.9	131.1	133.9
80°	133.7	142.2	151.0	158.7	166.2	171.8	175.4	176.9	181.3	187.0	192.8
77.5°	181.3	194.2	205.6	215.4	223.4	230.5	235.6	238.6	245.7	253.9	261.1
75°	230.7	246.4	262.2	276.0	286.9	295.0	300.9	305.8	314.3	325.0	334.2
72.5°	282.1	303.3	321.9	338.0	352.7	363.9	372.3	377.7	386.2	398.8	409.0
70°	336.2	360.5	385.7	406.5	422.1	435.3	446.3	453.8	461.5	474.3	483.8
67.5°	392.2	426.8	454.9	476.8	494.2	510.4	522.8	530.9	534.3	547.2	558.0
65°	458.1	495.2	526.5	551.1	568.5	588.5	602.3	609.2	611.3	625.4	638.7
62.5°	525.4	566.4	600.6	628.9	651.5	670.5	686.0	694.7	696.2	706.6	721.8
60°	597.2	639.2	679.9	713.9	738.1	757.7	774.5	783.7	785.6	789.8	807.2
57.5°	672.0	717.3	764.8	803.1	831.3	847.5	865.9	876.0	880.1	877.6	895.6
55°	753.3	800.5	854.1	898.6	928.8	943.5	960.7	975.3	980.4	977.1	987.8
52.5°	845.5	892.4	949.7	998.6	1032.3	1049.9	1062.1	1079.7	1087.8	1084.1	1082.0
50°	942.4	1001.4	1048.8	1104.6	1145.3	1168.5	1168.9	1190.8	1201.3	1198.1	1183.6
47.5°	1052.1	1118.7	1154.4	1218.4	1271.3	1298.7	1300.5	1309.3	1322.3	1325.7	1313.3
45°	1170.5	1251.8	1290.2	1347.5	1406.7	1440.1	1450.3	1434.6	1457.9	1465.1	1457.3
42.5°	1295.3	1399.0	1459.7	1482.9	1551.9	1598.4	1616.4	1605.3	1604.1	1620.4	1620.1
40°	1439.4	1558.4	1649.7	1673.9	1708.7	1772.9	1810.9	1808.8	1766.2	1796.6	1804.5
37.5°	1593.5	1748.2	1861.0	1911.2	1884.8	1970.4	2026.0	2048.5	2022.0	1992.2	2026.2
35°	1755.7	1951.2	2103.2	2188.8	2192.6	2190.6	2277.7	2324.5	2327.7	2273.1	2285.4
32.5°	1937.1	2166.6	2368.0	2506.4	2569.2	2530.5	2553.1	2651.3	2699.3	2678.5	2599.9
30°	2131.9	2413.6	2660.6	2855.8	2996.2	3037.6	2944.0	3020.5	3127.1	3169.6	3135.5
27.5°	2329.0	2675.6	2988.8	3259.5	3477.0	3614.8	3618.1	3499.8	3620.6	3723.2	3762.8
25°	2529.2	2937.8	3337.0	3703.7	4032.9	4269.9	4378.9	4391.6	4222.7	4376.3	4519.4
22.5°	2742.5	3207.6	3681.3	4176.9	4635.5	4983.5	5247.9	5407.2	5402.1	5240.9	5366.6
20°	2968.3	3501.3	4052.8	4640.7	5266.2	5744.6	6187.7	6526.6	6730.6	6798.4	6666.3
17.5°	3193.7	3797.5	4442.9	5143.0	5866.9	6530.0	7194.0	7734.8	8163.3	8515.0	8640.8
15°	3416.3	4093.1	4834.4	5648.8	6485.2	7315.2	8169.0	8997.2	9726.3	10370.0	10751.6
12.5°	3633.7	4384.6	5222.9	6152.2	7112.3	8111.3	9130.1	10139.1	11189.4	12232.0	13024.2
10°	3843.3	4668.5	5603.4	6646.9	7738.7	8907.2	10089.5	11286.9	12562.8	13792.4	14976.1
7.5°	3933.0	4854.0	5931.1	7126.0	8354.6	9690.7	11034.3	12424.4	13915.3	15350.0	16795.4
5°	3988.3	4927.7	6023.3	7268.1	8634.8	10202.0	11805.2	13527.1	15228.4	16880.3	18583.4
2.5°	4025.1	4978.1	6084.7	7324.2	8676.5	10286.0	11909.4	13697.3	15606.1	17516.0	19543.7
0°	4043.2	5004.8	6115.4	7341.2	8671.2	10313.2	11949.6	13794.0	15728.4	17671.3	19746.3
-2.5°	4025.1	4978.1	6084.7	7324.2	8676.5	10286.0	11909.4	13697.3	15606.1	17516.0	19543.7
-5°	3988.3	4927.7	6023.3	7268.1	8634.8	10202.0	11805.2	13527.1	15228.4	16880.3	18583.4
-7.5°	3933.0	4854.0	5931.1	7126.0	8354.6	9690.7	11034.3	12424.4	13915.3	15350.0	16795.4
-10°	3843.3	4668.5	5603.4	6646.9	7738.7	8907.2	10089.5	11286.9	12562.8	13792.4	14976.1
-12.5°	3633.7	4384.6	5222.9	6152.2	7112.3	8111.3	9130.1	10139.1	11189.4	12232.0	13024.2
-15°	3416.3	4093.1	4834.4	5648.8	6485.2	7315.2	8169.0	8997.2	9726.3	10370.0	10751.6
-17.5°	3193.7	3797.5	4442.9	5143.0	5866.9	6530.0	7194.0	7734.8	8163.3	8515.0	8640.8
-20°	2968.3	3501.3	4052.8	4640.7	5266.2	5744.6	6187.7	6526.6	6730.6	6798.4	6666.3



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	2742.5	3207.6	3681.3	4176.9	4635.5	4983.5	5247.9	5407.2	5402.1	5240.9	5366.6
-25°	2529.2	2937.8	3337.0	3703.7	4032.9	4269.9	4378.9	4391.6	4222.7	4376.3	4519.4
-27.5°	2329.0	2675.6	2988.8	3259.5	3477.0	3614.8	3618.1	3499.8	3620.6	3723.2	3762.8
-30°	2131.9	2413.6	2660.6	2855.8	2996.2	3037.6	2944.0	3020.5	3127.1	3169.6	3135.5
-32.5°	1937.1	2166.6	2368.0	2506.4	2569.2	2530.5	2553.1	2651.3	2699.3	2678.5	2599.9
-35°	1755.7	1951.2	2103.2	2188.8	2192.6	2190.6	2277.7	2324.5	2327.7	2273.1	2285.4
-37.5°	1593.5	1748.2	1861.0	1911.2	1884.8	1970.4	2026.0	2048.5	2022.0	1992.2	2026.2
-40°	1439.4	1558.4	1649.7	1673.9	1708.7	1772.9	1810.9	1808.8	1766.2	1796.6	1804.5
-42.5°	1295.3	1399.0	1459.7	1482.9	1551.9	1598.4	1616.4	1605.3	1604.1	1620.4	1620.1
-45°	1170.5	1251.8	1290.2	1347.5	1406.7	1440.1	1450.3	1434.6	1457.9	1465.1	1457.3
-47.5°	1052.1	1118.7	1154.4	1218.4	1271.3	1298.7	1300.5	1309.3	1322.3	1325.7	1313.3
-50°	942.4	1001.4	1048.8	1104.6	1145.3	1168.5	1168.9	1190.8	1201.3	1198.1	1183.6
-52.5°	845.5	892.4	949.7	998.6	1032.3	1049.9	1062.1	1079.7	1087.8	1084.1	1082.0
-55°	753.3	800.5	854.1	898.6	928.8	943.5	960.7	975.3	980.4	977.1	987.8
-57.5°	672.0	717.3	764.8	803.1	831.3	847.5	865.9	876.0	880.1	877.6	895.6
-60°	597.2	639.2	679.9	713.9	738.1	757.7	774.5	783.7	785.6	789.8	807.2
-62.5°	525.4	566.4	600.6	628.9	651.5	670.5	686.0	694.7	696.2	706.6	721.8
-65°	458.1	495.2	526.5	551.1	568.5	588.5	602.3	609.2	611.3	625.4	638.7
-67.5°	392.2	426.8	454.9	476.8	494.2	510.4	522.8	530.9	534.3	547.2	558.0
-70°	336.2	360.5	385.7	406.5	422.1	435.3	446.3	453.8	461.5	474.3	483.8
-72.5°	282.1	303.3	321.9	338.0	352.7	363.9	372.3	377.7	386.2	398.8	409.0
-75°	230.7	246.4	262.2	276.0	286.9	295.0	300.9	305.8	314.3	325.0	334.2
-77.5°	181.3	194.2	205.6	215.4	223.4	230.5	235.6	238.6	245.7	253.9	261.1
-80°	133.7	142.2	151.0	158.7	166.2	171.8	175.4	176.9	181.3	187.0	192.8
-82.5°	89.5	97.0	103.0	107.5	112.7	117.1	121.0	124.4	127.9	131.1	133.9
-85°	48.6	52.0	57.6	62.2	66.4	70.1	73.2	75.8	78.5	80.7	82.5
-87.5°	24.3	26.0	27.6	29.0	30.4	31.6	32.8	33.8	35.2	36.6	37.9
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	39.2	38.6	37.8	36.8	35.7	35.8	35.7	35.6	35.4	35.0	34.6
85°	83.7	85.3	86.8	88.3	89.6	91.1	92.3	93.4	94.2	94.1	93.8
82.5°	136.3	140.8	145.4	149.7	153.7	155.9	157.4	158.5	159.1	160.4	161.4
80°	197.8	204.5	210.7	215.8	220.0	223.1	225.6	227.7	229.1	230.8	231.9
77.5°	267.7	275.1	282.2	288.5	293.9	298.9	303.2	306.6	309.1	313.0	316.6
75°	341.8	350.3	359.1	367.0	374.1	381.4	388.7	395.4	401.4	406.4	410.2
72.5°	416.9	425.7	436.7	446.7	456.1	466.1	475.9	484.5	491.9	498.9	505.2
70°	491.0	499.3	513.2	526.7	539.3	551.2	563.1	573.7	583.1	592.1	600.3
67.5°	567.5	576.2	593.5	609.2	623.1	636.3	650.0	662.3	673.0	682.6	690.9
65°	649.1	656.8	675.6	692.6	707.4	719.7	734.6	748.0	760.0	770.5	779.4
62.5°	733.5	741.3	756.8	773.6	787.7	799.5	817.0	832.1	844.9	855.5	864.4
60°	819.2	825.9	837.8	856.4	872.1	885.1	900.4	915.1	927.5	938.0	947.5
57.5°	908.2	914.9	920.7	939.3	954.4	966.2	979.6	994.0	1006.1	1016.0	1025.7
55°	1000.1	1005.3	1003.5	1020.7	1034.9	1044.5	1054.5	1069.7	1081.7	1090.5	1099.4
52.5°	1094.1	1100.3	1096.0	1103.3	1118.7	1127.4	1131.7	1148.2	1160.5	1168.4	1176.5
50°	1198.8	1203.7	1199.9	1195.7	1210.8	1219.7	1222.2	1235.4	1246.6	1252.7	1258.5
47.5°	1312.2	1318.3	1315.3	1298.8	1312.2	1323.6	1323.9	1329.5	1341.1	1345.7	1349.2
45°	1435.7	1447.4	1444.8	1433.4	1431.6	1443.2	1442.1	1437.5	1450.8	1456.7	1458.6
42.5°	1597.6	1593.8	1597.4	1590.9	1570.4	1583.6	1585.2	1568.6	1585.2	1592.4	1588.2
40°	1795.8	1759.6	1779.5	1776.6	1757.6	1754.7	1765.0	1751.4	1754.0	1764.3	1756.3
37.5°	2031.6	2005.7	1994.9	2003.9	1998.3	1973.9	1993.3	1988.6	1973.2	1990.5	1982.9
35°	2321.9	2314.2	2255.9	2291.4	2298.7	2275.5	2282.2	2292.3	2258.9	2285.2	2282.4
32.5°	2661.4	2678.6	2666.0	2644.2	2677.3	2681.5	2643.2	2689.2	2670.7	2677.2	2695.4
30°	3045.8	3134.0	3177.0	3138.6	3159.2	3200.3	3181.4	3213.4	3228.7	3204.8	3250.1
27.5°	3717.4	3686.0	3789.0	3833.7	3785.8	3860.7	3915.0	3891.0	3970.5	3923.5	3990.7
25°	4570.8	4524.9	4552.4	4700.4	4733.2	4695.2	4848.4	4866.5	4929.6	4937.3	4984.2
22.5°	5573.6	5684.6	5671.6	5716.7	5902.5	5964.7	6021.3	6168.7	6135.0	6268.7	6291.9
20°	6694.8	6973.7	7165.9	7206.3	7285.7	7499.4	7597.4	7713.7	7791.8	7918.3	8025.3
17.5°	8591.5	8448.5	8825.5	9062.2	9186.7	9231.2	9488.6	9572.4	9765.8	9876.3	9985.9
15°	11026.7	11110.0	10939.9	11165.6	11546.9	11675.6	11527.6	11873.2	11970.4	12156.5	12189.4
12.5°	13629.6	14050.9	14257.5	14313.7	14114.4	14656.8	14874.0	14601.3	14910.7	14854.9	15109.4
10°	16113.2	17136.9	17749.8	18180.9	18442.9	18600.8	18757.6	19039.5	19044.4	19253.2	19131.3
7.5°	18152.2	19450.2	20690.2	21893.1	22855.3	23394.7	23818.3	24224.5	24766.6	25026.1	25194.9
5°	20147.0	21644.7	23128.4	24586.4	25906.9	27177.3	28422.4	29502.4	30074.7	30743.6	31339.9
2.5°	21437.3	23331.6	25226.4	27103.2	28629.0	30029.0	31324.8	32528.4	33584.3	34561.0	35385.8
0°	21689.1	23809.1	25785.7	27658.3	29376.2	31105.4	32615.3	33976.1	35126.1	36163.6	36863.7
-2.5°	21437.3	23331.6	25226.4	27103.2	28629.0	30029.0	31324.8	32528.4	33584.3	34561.0	35385.8
-5°	20147.0	21644.7	23128.4	24586.4	25906.9	27177.3	28422.4	29502.4	30074.7	30743.6	31339.9
-7.5°	18152.2	19450.2	20690.2	21893.1	22855.3	23394.7	23818.3	24224.5	24766.6	25026.1	25194.9
-10°	16113.2	17136.9	17749.8	18180.9	18442.9	18600.8	18757.6	19039.5	19044.4	19253.2	19131.3
-12.5°	13629.6	14050.9	14257.5	14313.7	14114.4	14656.8	14874.0	14601.3	14910.7	14854.9	15109.4
-15°	11026.7	11110.0	10939.9	11165.6	11546.9	11675.6	11527.6	11873.2	11970.4	12156.5	12189.4
-17.5°	8591.5	8448.5	8825.5	9062.2	9186.7	9231.2	9488.6	9572.4	9765.8	9876.3	9985.9
-20°	6694.8	6973.7	7165.9	7206.3	7285.7	7499.4	7597.4	7713.7	7791.8	7918.3	8025.3



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5573.6	5684.6	5671.6	5716.7	5902.5	5964.7	6021.3	6168.7	6135.0	6268.7	6291.9
-25°	4570.8	4524.9	4552.4	4700.4	4733.2	4695.2	4848.4	4866.5	4929.6	4937.3	4984.2
-27.5°	3717.4	3686.0	3789.0	3833.7	3785.8	3860.7	3915.0	3891.0	3970.5	3923.5	3990.7
-30°	3045.8	3134.0	3177.0	3138.6	3159.2	3200.3	3181.4	3213.4	3228.7	3204.8	3250.1
-32.5°	2661.4	2678.6	2666.0	2644.2	2677.3	2681.5	2643.2	2689.2	2670.7	2677.2	2695.4
-35°	2321.9	2314.2	2255.9	2291.4	2298.7	2275.5	2282.2	2292.3	2258.9	2285.2	2282.4
-37.5°	2031.6	2005.7	1994.9	2003.9	1998.3	1973.9	1993.3	1988.6	1973.2	1990.5	1982.9
-40°	1795.8	1759.6	1779.5	1776.6	1757.6	1754.7	1765.0	1751.4	1754.0	1764.3	1756.3
-42.5°	1597.6	1593.8	1597.4	1590.9	1570.4	1583.6	1585.2	1568.6	1585.2	1592.4	1588.2
-45°	1435.7	1447.4	1444.8	1433.4	1431.6	1443.2	1442.1	1437.5	1450.8	1456.7	1458.6
-47.5°	1312.2	1318.3	1315.3	1298.8	1312.2	1323.6	1323.9	1329.5	1341.1	1345.7	1349.2
-50°	1198.8	1203.7	1199.9	1195.7	1210.8	1219.7	1222.2	1235.4	1246.6	1252.7	1258.5
-52.5°	1094.1	1100.3	1096.0	1103.3	1118.7	1127.4	1131.7	1148.2	1160.5	1168.4	1176.5
-55°	1000.1	1005.3	1003.5	1020.7	1034.9	1044.5	1054.5	1069.7	1081.7	1090.5	1099.4
-57.5°	908.2	914.9	920.7	939.3	954.4	966.2	979.6	994.0	1006.1	1016.0	1025.7
-60°	819.2	825.9	837.8	856.4	872.1	885.1	900.4	915.1	927.5	938.0	947.5
-62.5°	733.5	741.3	756.8	773.6	787.7	799.5	817.0	832.1	844.9	855.5	864.4
-65°	649.1	656.8	675.6	692.6	707.4	719.7	734.6	748.0	760.0	770.5	779.4
-67.5°	567.5	576.2	593.5	609.2	623.1	636.3	650.0	662.3	673.0	682.6	690.9
-70°	491.0	499.3	513.2	526.7	539.3	551.2	563.1	573.7	583.1	592.1	600.3
-72.5°	416.9	425.7	436.7	446.7	456.1	466.1	475.9	484.5	491.9	498.9	505.2
-75°	341.8	350.3	359.1	367.0	374.1	381.4	388.7	395.4	401.4	406.4	410.2
-77.5°	267.7	275.1	282.2	288.5	293.9	298.9	303.2	306.6	309.1	313.0	316.6
-80°	197.8	204.5	210.7	215.8	220.0	223.1	225.6	227.7	229.1	230.8	231.9
-82.5°	136.3	140.8	145.4	149.7	153.7	155.9	157.4	158.5	159.1	160.4	161.4
-85°	83.7	85.3	86.8	88.3	89.6	91.1	92.3	93.4	94.2	94.1	93.8
-87.5°	39.2	38.6	37.8	36.8	35.7	35.8	35.7	35.6	35.4	35.0	34.6
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	34.1	33.6	35.1	36.6	35.1	33.6	34.1	34.6	35.0	35.4	35.6
85°	93.2	92.4	94.1	95.6	94.1	92.4	93.2	93.8	94.1	94.2	93.4
82.5°	162.0	162.3	162.9	163.1	162.9	162.3	162.0	161.4	160.4	159.1	158.5
80°	232.4	232.4	231.8	230.6	231.8	232.4	232.4	231.9	230.8	229.1	227.7
77.5°	319.5	321.6	322.9	323.3	322.9	321.6	319.5	316.6	313.0	309.1	306.6
75°	412.7	414.0	414.2	413.3	414.2	414.0	412.7	410.2	406.4	401.4	395.4
72.5°	510.4	514.5	515.3	514.5	515.3	514.5	510.4	505.2	498.9	491.9	484.5
70°	607.1	612.5	612.4	610.1	612.4	612.5	607.1	600.3	592.1	583.1	573.7
67.5°	697.5	702.3	706.1	708.5	706.1	702.3	697.5	690.9	682.6	673.0	662.3
65°	786.6	791.9	794.8	795.7	794.8	791.9	786.6	779.4	770.5	760.0	748.0
62.5°	871.3	876.2	879.0	880.0	879.0	876.2	871.3	864.4	855.5	844.9	832.1
60°	954.9	960.2	961.0	958.8	961.0	960.2	954.9	947.5	938.0	927.5	915.1
57.5°	1033.3	1038.7	1038.6	1034.7	1038.6	1038.7	1033.3	1025.7	1016.0	1006.1	994.0
55°	1105.8	1109.7	1111.2	1110.6	1111.2	1109.7	1105.8	1099.4	1090.5	1081.7	1069.7
52.5°	1182.5	1185.6	1187.0	1186.5	1187.0	1185.6	1182.5	1176.5	1168.4	1160.5	1148.2
50°	1262.6	1262.9	1262.8	1262.4	1262.8	1262.9	1262.6	1258.5	1252.7	1246.6	1235.4
47.5°	1354.1	1355.0	1355.2	1355.2	1355.2	1355.0	1354.1	1349.2	1345.7	1341.1	1329.5
45°	1462.3	1459.4	1456.2	1456.4	1456.2	1459.4	1462.3	1458.6	1456.7	1450.8	1437.5
42.5°	1592.2	1588.8	1584.8	1585.8	1584.8	1588.8	1592.2	1588.2	1592.4	1585.2	1568.6
40°	1763.2	1762.3	1756.5	1754.5	1756.5	1762.3	1763.2	1756.3	1764.3	1754.0	1751.4
37.5°	1984.1	1980.9	1968.0	1962.5	1968.0	1980.9	1984.1	1982.9	1990.5	1973.2	1988.6
35°	2274.6	2270.3	2250.6	2252.1	2250.6	2270.3	2274.6	2282.4	2285.2	2258.9	2292.3
32.5°	2686.4	2687.8	2658.2	2651.4	2658.2	2687.8	2686.4	2695.4	2677.2	2670.7	2689.2
30°	3221.9	3233.7	3198.8	3213.7	3198.8	3233.7	3221.9	3250.1	3204.8	3228.7	3213.4
27.5°	3989.4	4011.8	3981.0	3956.0	3981.0	4011.8	3989.4	3990.7	3923.5	3970.5	3891.0
25°	5045.8	5062.5	5027.2	4996.3	5027.2	5062.5	5045.8	4984.2	4937.3	4929.6	4866.5
22.5°	6420.9	6419.8	6418.0	6466.8	6418.0	6419.8	6420.9	6291.9	6268.7	6135.0	6168.7
20°	8094.3	8053.7	8114.5	8153.8	8114.5	8053.7	8094.3	8025.3	7918.3	7791.8	7713.7
17.5°	10011.3	10087.3	10145.6	10242.9	10145.6	10087.3	10011.3	9985.9	9876.3	9765.8	9572.4
15°	12271.8	12386.5	12444.8	12413.5	12444.8	12386.5	12271.8	12189.4	12156.5	11970.4	11873.2
12.5°	15118.4	15255.2	15154.2	15028.3	15154.2	15255.2	15118.4	15109.4	14854.9	14910.7	14601.3
10°	19133.1	19427.8	19444.3	19198.0	19444.3	19427.8	19133.1	19131.3	19253.2	19044.4	19039.5
7.5°	25292.9	25436.2	25653.8	25664.8	25653.8	25436.2	25292.9	25194.9	25026.1	24766.6	24224.5
5°	31610.1	31991.7	32237.8	32663.1	32237.8	31991.7	31610.1	31339.9	30743.6	30074.7	29502.4
2.5°	35918.5	36411.7	36601.1	37083.0	36601.1	36411.7	35918.5	35385.8	34561.0	33584.3	32528.4
0°	37487.9	37887.1	38126.1	38317.3	38126.1	37887.1	37487.9	36863.7	36163.6	35126.1	33976.1
-2.5°	35918.5	36411.7	36601.1	37083.0	36601.1	36411.7	35918.5	35385.8	34561.0	33584.3	32528.4
-5°	31610.1	31991.7	32237.8	32663.1	32237.8	31991.7	31610.1	31339.9	30743.6	30074.7	29502.4
-7.5°	25292.9	25436.2	25653.8	25664.8	25653.8	25436.2	25292.9	25194.9	25026.1	24766.6	24224.5
-10°	19133.1	19427.8	19444.3	19198.0	19444.3	19427.8	19133.1	19131.3	19253.2	19044.4	19039.5
-12.5°	15118.4	15255.2	15154.2	15028.3	15154.2	15255.2	15118.4	15109.4	14854.9	14910.7	14601.3
-15°	12271.8	12386.5	12444.8	12413.5	12444.8	12386.5	12271.8	12189.4	12156.5	11970.4	11873.2
-17.5°	10011.3	10087.3	10145.6	10242.9	10145.6	10087.3	10011.3	9985.9	9876.3	9765.8	9572.4
-20°	8094.3	8053.7	8114.5	8153.8	8114.5	8053.7	8094.3	8025.3	7918.3	7791.8	7713.7



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	6420.9	6419.8	6418.0	6466.8	6418.0	6419.8	6420.9	6291.9	6268.7	6135.0	6168.7
-25°	5045.8	5062.5	5027.2	4996.3	5027.2	5062.5	5045.8	4984.2	4937.3	4929.6	4866.5
-27.5°	3989.4	4011.8	3981.0	3956.0	3981.0	4011.8	3989.4	3990.7	3923.5	3970.5	3891.0
-30°	3221.9	3233.7	3198.8	3213.7	3198.8	3233.7	3221.9	3250.1	3204.8	3228.7	3213.4
-32.5°	2686.4	2687.8	2658.2	2651.4	2658.2	2687.8	2686.4	2695.4	2677.2	2670.7	2689.2
-35°	2274.6	2270.3	2250.6	2252.1	2250.6	2270.3	2274.6	2282.4	2285.2	2258.9	2292.3
-37.5°	1984.1	1980.9	1968.0	1962.5	1968.0	1980.9	1984.1	1982.9	1990.5	1973.2	1988.6
-40°	1763.2	1762.3	1756.5	1754.5	1756.5	1762.3	1763.2	1756.3	1764.3	1754.0	1751.4
-42.5°	1592.2	1588.8	1584.8	1585.8	1584.8	1588.8	1592.2	1588.2	1592.4	1585.2	1568.6
-45°	1462.3	1459.4	1456.2	1456.4	1456.2	1459.4	1462.3	1458.6	1456.7	1450.8	1437.5
-47.5°	1354.1	1355.0	1355.2	1355.2	1355.2	1355.0	1354.1	1349.2	1345.7	1341.1	1329.5
-50°	1262.6	1262.9	1262.8	1262.4	1262.8	1262.9	1262.6	1258.5	1252.7	1246.6	1235.4
-52.5°	1182.5	1185.6	1187.0	1186.5	1187.0	1185.6	1182.5	1176.5	1168.4	1160.5	1148.2
-55°	1105.8	1109.7	1111.2	1110.6	1111.2	1109.7	1105.8	1099.4	1090.5	1081.7	1069.7
-57.5°	1033.3	1038.7	1038.6	1034.7	1038.6	1038.7	1033.3	1025.7	1016.0	1006.1	994.0
-60°	954.9	960.2	961.0	958.8	961.0	960.2	954.9	947.5	938.0	927.5	915.1
-62.5°	871.3	876.2	879.0	880.0	879.0	876.2	871.3	864.4	855.5	844.9	832.1
-65°	786.6	791.9	794.8	795.7	794.8	791.9	786.6	779.4	770.5	760.0	748.0
-67.5°	697.5	702.3	706.1	708.5	706.1	702.3	697.5	690.9	682.6	673.0	662.3
-70°	607.1	612.5	612.4	610.1	612.4	612.5	607.1	600.3	592.1	583.1	573.7
-72.5°	510.4	514.5	515.3	514.5	515.3	514.5	510.4	505.2	498.9	491.9	484.5
-75°	412.7	414.0	414.2	413.3	414.2	414.0	412.7	410.2	406.4	401.4	395.4
-77.5°	319.5	321.6	322.9	323.3	322.9	321.6	319.5	316.6	313.0	309.1	306.6
-80°	232.4	232.4	231.8	230.6	231.8	232.4	232.4	231.9	230.8	229.1	227.7
-82.5°	162.0	162.3	162.9	163.1	162.9	162.3	162.0	161.4	160.4	159.1	158.5
-85°	93.2	92.4	94.1	95.6	94.1	92.4	93.2	93.8	94.1	94.2	93.4
-87.5°	34.1	33.6	35.1	36.6	35.1	33.6	34.1	34.6	35.0	35.4	35.6
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	35.7	35.8	35.7	36.8	37.8	38.6	39.2	37.9	36.6	35.2	33.8
85°	92.3	91.1	89.6	88.3	86.8	85.3	83.7	82.5	80.7	78.5	75.8
82.5°	157.4	155.9	153.7	149.7	145.4	140.8	136.3	133.9	131.1	127.9	124.4
80°	225.6	223.1	220.0	215.8	210.7	204.5	197.8	192.8	187.0	181.3	176.9
77.5°	303.2	298.9	293.9	288.5	282.2	275.1	267.7	261.1	253.9	245.7	238.6
75°	388.7	381.4	374.1	367.0	359.1	350.3	341.8	334.2	325.0	314.3	305.8
72.5°	475.9	466.1	456.1	446.7	436.7	425.7	416.9	409.0	398.8	386.2	377.7
70°	563.1	551.2	539.3	526.7	513.2	499.3	491.0	483.8	474.3	461.5	453.8
67.5°	650.0	636.3	623.1	609.2	593.5	576.2	567.5	558.0	547.2	534.3	530.9
65°	734.6	719.7	707.4	692.6	675.6	656.8	649.1	638.7	625.4	611.3	609.2
62.5°	817.0	799.5	787.7	773.6	756.8	741.3	733.5	721.8	706.6	696.2	694.7
60°	900.4	885.1	872.1	856.4	837.8	825.9	819.2	807.2	789.8	785.6	783.7
57.5°	979.6	966.2	954.4	939.3	920.7	914.9	908.2	895.6	877.6	880.1	876.0
55°	1054.5	1044.5	1034.9	1020.7	1003.5	1005.3	1000.1	987.8	977.1	980.4	975.3
52.5°	1131.7	1127.4	1118.7	1103.3	1096.0	1100.3	1094.1	1082.0	1084.1	1087.8	1079.7
50°	1222.2	1219.7	1210.8	1195.7	1199.9	1203.7	1198.8	1183.6	1198.1	1201.3	1190.8
47.5°	1323.9	1323.6	1312.2	1298.8	1315.3	1318.3	1312.2	1313.3	1325.7	1322.3	1309.3
45°	1442.1	1443.2	1431.6	1433.4	1444.8	1447.4	1435.7	1457.3	1465.1	1457.9	1434.6
42.5°	1585.2	1583.6	1570.4	1590.9	1597.4	1593.8	1597.6	1620.1	1620.4	1604.1	1605.3
40°	1765.0	1754.7	1757.6	1776.6	1779.5	1759.6	1795.8	1804.5	1796.6	1766.2	1808.8
37.5°	1993.3	1973.9	1998.3	2003.9	1994.9	2005.7	2031.6	2026.2	1992.2	2022.0	2048.5
35°	2282.2	2275.5	2298.7	2291.4	2255.9	2314.2	2321.9	2285.4	2273.1	2327.7	2324.5
32.5°	2643.2	2681.5	2677.3	2644.2	2666.0	2678.6	2661.4	2599.9	2678.5	2699.3	2651.3
30°	3181.4	3200.3	3159.2	3138.6	3177.0	3134.0	3045.8	3135.5	3169.6	3127.1	3020.5
27.5°	3915.0	3860.7	3785.8	3833.7	3789.0	3686.0	3717.4	3762.8	3723.2	3620.6	3499.8
25°	4848.4	4695.2	4733.2	4700.4	4552.4	4524.9	4570.8	4519.4	4376.3	4222.7	4391.6
22.5°	6021.3	5964.7	5902.5	5716.7	5671.6	5684.6	5573.6	5366.6	5240.9	5402.1	5407.2
20°	7597.4	7499.4	7285.7	7206.3	7165.9	6973.7	6694.8	6666.3	6798.4	6730.6	6526.6
17.5°	9488.6	9231.2	9186.7	9062.2	8825.5	8448.5	8591.5	8640.8	8515.0	8163.3	7734.8
15°	11527.6	11675.6	11546.9	11165.6	10939.9	11110.0	11026.7	10751.6	10370.0	9726.3	8997.2
12.5°	14874.0	14656.8	14114.4	14313.7	14257.5	14050.9	13629.6	13024.2	12232.0	11189.4	10139.1
10°	18757.6	18600.8	18442.9	18180.9	17749.8	17136.9	16113.2	14976.1	13792.4	12562.8	11286.9
7.5°	23818.3	23394.7	22855.3	21893.1	20690.2	19450.2	18152.2	16795.4	15350.0	13915.3	12424.4
5°	28422.4	27177.3	25906.9	24586.4	23128.4	21644.7	20147.0	18583.4	16880.3	15228.4	13527.1
2.5°	31324.8	30029.0	28629.0	27103.2	25226.4	23331.6	21437.3	19543.7	17516.0	15606.1	13697.3
0°	32615.3	31105.4	29376.2	27658.3	25785.7	23809.1	21689.1	19746.3	17671.3	15728.4	13794.0
-2.5°	31324.8	30029.0	28629.0	27103.2	25226.4	23331.6	21437.3	19543.7	17516.0	15606.1	13697.3
-5°	28422.4	27177.3	25906.9	24586.4	23128.4	21644.7	20147.0	18583.4	16880.3	15228.4	13527.1
-7.5°	23818.3	23394.7	22855.3	21893.1	20690.2	19450.2	18152.2	16795.4	15350.0	13915.3	12424.4
-10°	18757.6	18600.8	18442.9	18180.9	17749.8	17136.9	16113.2	14976.1	13792.4	12562.8	11286.9
-12.5°	14874.0	14656.8	14114.4	14313.7	14257.5	14050.9	13629.6	13024.2	12232.0	11189.4	10139.1
-15°	11527.6	11675.6	11546.9	11165.6	10939.9	11110.0	11026.7	10751.6	10370.0	9726.3	8997.2
-17.5°	9488.6	9231.2	9186.7	9062.2	8825.5	8448.5	8591.5	8640.8	8515.0	8163.3	7734.8
-20°	7597.4	7499.4	7285.7	7206.3	7165.9	6973.7	6694.8	6666.3	6798.4	6730.6	6526.6



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6021.3	5964.7	5902.5	5716.7	5671.6	5684.6	5573.6	5366.6	5240.9	5402.1	5407.2
-25°	4848.4	4695.2	4733.2	4700.4	4552.4	4524.9	4570.8	4519.4	4376.3	4222.7	4391.6
-27.5°	3915.0	3860.7	3785.8	3833.7	3789.0	3686.0	3717.4	3762.8	3723.2	3620.6	3499.8
-30°	3181.4	3200.3	3159.2	3138.6	3177.0	3134.0	3045.8	3135.5	3169.6	3127.1	3020.5
-32.5°	2643.2	2681.5	2677.3	2644.2	2666.0	2678.6	2661.4	2599.9	2678.5	2699.3	2651.3
-35°	2282.2	2275.5	2298.7	2291.4	2255.9	2314.2	2321.9	2285.4	2273.1	2327.7	2324.5
-37.5°	1993.3	1973.9	1998.3	2003.9	1994.9	2005.7	2031.6	2026.2	1992.2	2022.0	2048.5
-40°	1765.0	1754.7	1757.6	1776.6	1779.5	1759.6	1795.8	1804.5	1796.6	1766.2	1808.8
-42.5°	1585.2	1583.6	1570.4	1590.9	1597.4	1593.8	1597.6	1620.1	1620.4	1604.1	1605.3
-45°	1442.1	1443.2	1431.6	1433.4	1444.8	1447.4	1435.7	1457.3	1465.1	1457.9	1434.6
-47.5°	1323.9	1323.6	1312.2	1298.8	1315.3	1318.3	1312.2	1313.3	1325.7	1322.3	1309.3
-50°	1222.2	1219.7	1210.8	1195.7	1199.9	1203.7	1198.8	1183.6	1198.1	1201.3	1190.8
-52.5°	1131.7	1127.4	1118.7	1103.3	1096.0	1100.3	1094.1	1082.0	1084.1	1087.8	1079.7
-55°	1054.5	1044.5	1034.9	1020.7	1003.5	1005.3	1000.1	987.8	977.1	980.4	975.3
-57.5°	979.6	966.2	954.4	939.3	920.7	914.9	908.2	895.6	877.6	880.1	876.0
-60°	900.4	885.1	872.1	856.4	837.8	825.9	819.2	807.2	789.8	785.6	783.7
-62.5°	817.0	799.5	787.7	773.6	756.8	741.3	733.5	721.8	706.6	696.2	694.7
-65°	734.6	719.7	707.4	692.6	675.6	656.8	649.1	638.7	625.4	611.3	609.2
-67.5°	650.0	636.3	623.1	609.2	593.5	576.2	567.5	558.0	547.2	534.3	530.9
-70°	563.1	551.2	539.3	526.7	513.2	499.3	491.0	483.8	474.3	461.5	453.8
-72.5°	475.9	466.1	456.1	446.7	436.7	425.7	416.9	409.0	398.8	386.2	377.7
-75°	388.7	381.4	374.1	367.0	359.1	350.3	341.8	334.2	325.0	314.3	305.8
-77.5°	303.2	298.9	293.9	288.5	282.2	275.1	267.7	261.1	253.9	245.7	238.6
-80°	225.6	223.1	220.0	215.8	210.7	204.5	197.8	192.8	187.0	181.3	176.9
-82.5°	157.4	155.9	153.7	149.7	145.4	140.8	136.3	133.9	131.1	127.9	124.4
-85°	92.3	91.1	89.6	88.3	86.8	85.3	83.7	82.5	80.7	78.5	75.8
-87.5°	35.7	35.8	35.7	36.8	37.8	38.6	39.2	37.9	36.6	35.2	33.8
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	32.8	31.6	30.4	29.0	27.6	26.0	24.3	22.6	21.0	19.2	17.3
85°	73.2	70.1	66.4	62.2	57.6	52.0	48.6	45.1	41.9	38.4	34.6
82.5°	121.0	117.1	112.7	107.5	103.0	97.0	89.5	80.4	70.1	58.8	51.9
80°	175.4	171.8	166.2	158.7	151.0	142.2	133.7	123.1	110.1	95.7	79.9
77.5°	235.6	230.5	223.4	215.4	205.6	194.2	181.3	166.7	150.0	132.4	113.2
75°	300.9	295.0	286.9	276.0	262.2	246.4	230.7	213.2	193.1	169.6	146.3
72.5°	372.3	363.9	352.7	338.0	321.9	303.3	282.1	260.0	237.5	211.1	180.7
70°	446.3	435.3	422.1	406.5	385.7	360.5	336.2	311.2	282.2	252.7	218.7
67.5°	522.8	510.4	494.2	476.8	454.9	426.8	392.2	364.1	333.0	294.4	256.7
65°	602.3	588.5	568.5	551.1	526.5	495.2	458.1	420.8	384.2	342.5	294.5
62.5°	686.0	670.5	651.5	628.9	600.6	566.4	525.4	485.5	437.6	390.7	336.9
60°	774.5	757.7	738.1	713.9	679.9	639.2	597.2	550.6	498.4	439.2	381.1
57.5°	865.9	847.5	831.3	803.1	764.8	717.3	672.0	621.0	559.3	493.5	425.3
55°	960.7	943.5	928.8	898.6	854.1	800.5	753.3	695.4	622.5	549.2	469.3
52.5°	1062.1	1049.9	1032.3	998.6	949.7	892.4	845.5	771.8	694.0	604.7	518.7
50°	1168.9	1168.5	1145.3	1104.6	1048.8	1001.4	942.4	862.5	766.8	663.3	569.0
47.5°	1300.5	1298.7	1271.3	1218.4	1154.4	1118.7	1052.1	958.0	840.7	730.3	619.5
45°	1450.3	1440.1	1406.7	1347.5	1290.2	1251.8	1170.5	1056.9	930.8	798.8	670.1
42.5°	1616.4	1598.4	1551.9	1482.9	1459.7	1399.0	1295.3	1169.6	1023.2	867.3	726.1
40°	1810.9	1772.9	1708.7	1673.9	1649.7	1558.4	1439.4	1288.2	1117.3	940.5	785.4
37.5°	2026.0	1970.4	1884.8	1911.2	1861.0	1748.2	1593.5	1410.6	1216.0	1023.6	844.1
35°	2277.7	2190.6	2192.6	2188.8	2103.2	1951.2	1755.7	1543.2	1325.2	1106.2	901.8
32.5°	2553.1	2530.5	2569.2	2506.4	2368.0	2166.6	1937.1	1689.2	1435.9	1188.3	958.5
30°	2944.0	3037.6	2996.2	2855.8	2660.6	2413.6	2131.9	1838.5	1547.5	1269.6	1017.0
27.5°	3618.1	3614.8	3477.0	3259.5	2988.8	2675.6	2329.0	1990.4	1659.6	1354.5	1083.1
25°	4378.9	4269.9	4032.9	3703.7	3337.0	2937.8	2529.2	2144.6	1781.6	1446.2	1147.4
22.5°	5247.9	4983.5	4635.5	4176.9	3681.3	3207.6	2742.5	2313.2	1907.7	1536.1	1209.4
20°	6187.7	5744.6	5266.2	4640.7	4052.8	3501.3	2968.3	2480.4	2032.1	1623.6	1268.8
17.5°	7194.0	6530.0	5866.9	5143.0	4442.9	3797.5	3193.7	2644.8	2153.6	1708.3	1325.3
15°	8169.0	7315.2	6485.2	5648.8	4834.4	4093.1	3416.3	2805.0	2271.4	1789.3	1369.8
12.5°	9130.1	8111.3	7112.3	6152.2	5222.9	4384.6	3633.7	2959.6	2384.2	1847.3	1398.8
10°	10089.5	8907.2	7738.7	6646.9	5603.4	4668.5	3843.3	3080.2	2437.5	1884.5	1422.7
7.5°	11034.3	9690.7	8354.6	7126.0	5931.1	4854.0	3933.0	3134.8	2472.5	1914.4	1441.7
5°	11805.2	10202.0	8634.8	7268.1	6023.3	4927.7	3988.3	3177.2	2496.7	1937.1	1455.5
2.5°	11909.4	10286.0	8676.5	7324.2	6084.7	4978.1	4025.1	3206.6	2510.3	1952.2	1464.2
0°	11949.6	10313.2	8671.2	7341.2	6115.4	5004.8	4043.2	3222.2	2513.6	1959.7	1467.7
-2.5°	11909.4	10286.0	8676.5	7324.2	6084.7	4978.1	4025.1	3206.6	2510.3	1952.2	1464.2
-5°	11805.2	10202.0	8634.8	7268.1	6023.3	4927.7	3988.3	3177.2	2496.7	1937.1	1455.5
-7.5°	11034.3	9690.7	8354.6	7126.0	5931.1	4854.0	3933.0	3134.8	2472.5	1914.4	1441.7
-10°	10089.5	8907.2	7738.7	6646.9	5603.4	4668.5	3843.3	3080.2	2437.5	1884.5	1422.7
-12.5°	9130.1	8111.3	7112.3	6152.2	5222.9	4384.6	3633.7	2959.6	2384.2	1847.3	1398.8
-15°	8169.0	7315.2	6485.2	5648.8	4834.4	4093.1	3416.3	2805.0	2271.4	1789.3	1369.8
-17.5°	7194.0	6530.0	5866.9	5143.0	4442.9	3797.5	3193.7	2644.8	2153.6	1708.3	1325.3
-20°	6187.7	5744.6	5266.2	4640.7	4052.8	3501.3	2968.3	2480.4	2032.1	1623.6	1268.8



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	5247.9	4983.5	4635.5	4176.9	3681.3	3207.6	2742.5	2313.2	1907.7	1536.1	1209.4
-25°	4378.9	4269.9	4032.9	3703.7	3337.0	2937.8	2529.2	2144.6	1781.6	1446.2	1147.4
-27.5°	3618.1	3614.8	3477.0	3259.5	2988.8	2675.6	2329.0	1990.4	1659.6	1354.5	1083.1
-30°	2944.0	3037.6	2996.2	2855.8	2660.6	2413.6	2131.9	1838.5	1547.5	1269.6	1017.0
-32.5°	2553.1	2530.5	2569.2	2506.4	2368.0	2166.6	1937.1	1689.2	1435.9	1188.3	958.5
-35°	2277.7	2190.6	2192.6	2188.8	2103.2	1951.2	1755.7	1543.2	1325.2	1106.2	901.8
-37.5°	2026.0	1970.4	1884.8	1911.2	1861.0	1748.2	1593.5	1410.6	1216.0	1023.6	844.1
-40°	1810.9	1772.9	1708.7	1673.9	1649.7	1558.4	1439.4	1288.2	1117.3	940.5	785.4
-42.5°	1616.4	1598.4	1551.9	1482.9	1459.7	1399.0	1295.3	1169.6	1023.2	867.3	726.1
-45°	1450.3	1440.1	1406.7	1347.5	1290.2	1251.8	1170.5	1056.9	930.8	798.8	670.1
-47.5°	1300.5	1298.7	1271.3	1218.4	1154.4	1118.7	1052.1	958.0	840.7	730.3	619.5
-50°	1168.9	1168.5	1145.3	1104.6	1048.8	1001.4	942.4	862.5	766.8	663.3	569.0
-52.5°	1062.1	1049.9	1032.3	998.6	949.7	892.4	845.5	771.8	694.0	604.7	518.7
-55°	960.7	943.5	928.8	898.6	854.1	800.5	753.3	695.4	622.5	549.2	469.3
-57.5°	865.9	847.5	831.3	803.1	764.8	717.3	672.0	621.0	559.3	493.5	425.3
-60°	774.5	757.7	738.1	713.9	679.9	639.2	597.2	550.6	498.4	439.2	381.1
-62.5°	686.0	670.5	651.5	628.9	600.6	566.4	525.4	485.5	437.6	390.7	336.9
-65°	602.3	588.5	568.5	551.1	526.5	495.2	458.1	420.8	384.2	342.5	294.5
-67.5°	522.8	510.4	494.2	476.8	454.9	426.8	392.2	364.1	333.0	294.4	256.7
-70°	446.3	435.3	422.1	406.5	385.7	360.5	336.2	311.2	282.2	252.7	218.7
-72.5°	372.3	363.9	352.7	338.0	321.9	303.3	282.1	260.0	237.5	211.1	180.7
-75°	300.9	295.0	286.9	276.0	262.2	246.4	230.7	213.2	193.1	169.6	146.3
-77.5°	235.6	230.5	223.4	215.4	205.6	194.2	181.3	166.7	150.0	132.4	113.2
-80°	175.4	171.8	166.2	158.7	151.0	142.2	133.7	123.1	110.1	95.7	79.9
-82.5°	121.0	117.1	112.7	107.5	103.0	97.0	89.5	80.4	70.1	58.8	51.9
-85°	73.2	70.1	66.4	62.2	57.6	52.0	48.6	45.1	41.9	38.4	34.6
-87.5°	32.8	31.6	30.4	29.0	27.6	26.0	24.3	22.6	21.0	19.2	17.3
-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: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-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°	15.3	13.5	11.5	9.1	6.4	3.2	0.0
85°	30.5	27.1	22.9	18.2	12.7	6.4	0.0
82.5°	45.8	40.6	34.4	27.2	19.1	9.5	0.0
80°	62.8	54.1	45.8	36.2	25.4	12.7	0.0
77.5°	92.4	71.8	57.2	45.2	31.6	15.8	0.0
75°	122.0	97.3	70.3	54.2	37.8	18.9	0.0
72.5°	151.4	122.7	91.3	63.0	43.9	22.0	0.0
70°	181.3	147.9	112.0	73.2	49.9	25.0	0.0
67.5°	215.5	172.9	132.6	89.1	55.9	28.0	0.0
65°	249.5	200.0	153.0	104.8	61.7	30.9	0.0
62.5°	283.4	229.2	173.1	120.2	67.4	33.7	0.0
60°	317.1	258.2	192.9	135.4	73.0	36.5	0.0
57.5°	355.3	286.9	216.3	150.3	82.9	39.3	0.0
55°	393.7	315.2	239.4	164.9	92.6	41.9	0.0
52.5°	431.5	343.8	262.2	179.2	102.1	44.5	0.0
50°	468.8	375.2	284.5	193.1	111.3	47.0	0.0
47.5°	506.5	405.9	306.4	207.4	120.2	49.4	0.0
45°	550.2	435.9	327.8	223.5	128.8	51.7	0.0
42.5°	593.6	465.2	348.6	239.1	137.0	53.9	0.0
40°	636.5	493.6	370.0	253.6	144.9	56.0	0.0
37.5°	678.9	521.2	391.8	267.1	152.5	58.0	0.0
35°	720.7	552.5	412.8	279.8	159.7	59.9	0.0
32.5°	763.4	585.3	432.9	291.6	166.5	61.6	0.0
30°	809.1	617.1	452.1	302.5	172.9	63.3	0.0
27.5°	853.3	647.6	468.0	312.5	178.9	64.8	0.0
25°	895.8	676.9	482.7	321.7	184.4	66.2	0.0
22.5°	936.4	703.1	496.3	329.9	189.5	67.5	0.0
20°	975.0	723.0	508.8	337.2	194.2	68.7	0.0
17.5°	1004.0	740.5	520.1	343.6	198.4	69.7	0.0
15°	1025.7	755.6	530.2	349.0	202.1	70.6	0.0
12.5°	1044.3	768.2	539.0	353.5	205.3	71.4	0.0
10°	1059.6	778.4	546.5	357.2	208.0	72.0	0.0
7.5°	1071.7	786.3	552.6	359.9	210.2	72.5	0.0
5°	1080.6	791.7	557.3	361.7	211.9	72.8	0.0
2.5°	1086.0	794.9	560.6	362.6	213.1	73.0	0.0
0°	1088.1	795.7	562.3	362.7	213.7	73.1	0.0
-2.5°	1086.0	794.9	560.6	362.6	213.1	73.0	0.0
-5°	1080.6	791.7	557.3	361.7	211.9	72.8	0.0
-7.5°	1071.7	786.3	552.6	359.9	210.2	72.5	0.0
-10°	1059.6	778.4	546.5	357.2	208.0	72.0	0.0
-12.5°	1044.3	768.2	539.0	353.5	205.3	71.4	0.0
-15°	1025.7	755.6	530.2	349.0	202.1	70.6	0.0
-17.5°	1004.0	740.5	520.1	343.6	198.4	69.7	0.0
-20°	975.0	723.0	508.8	337.2	194.2	68.7	0.0



REPORT NUMBER: P559126 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	936.4	703.1	496.3	329.9	189.5	67.5	0.0
-25°	895.8	676.9	482.7	321.7	184.4	66.2	0.0
-27.5°	853.3	647.6	468.0	312.5	178.9	64.8	0.0
-30°	809.1	617.1	452.1	302.5	172.9	63.3	0.0
-32.5°	763.4	585.3	432.9	291.6	166.5	61.6	0.0
-35°	720.7	552.5	412.8	279.8	159.7	59.9	0.0
-37.5°	678.9	521.2	391.8	267.1	152.5	58.0	0.0
-40°	636.5	493.6	370.0	253.6	144.9	56.0	0.0
-42.5°	593.6	465.2	348.6	239.1	137.0	53.9	0.0
-45°	550.2	435.9	327.8	223.5	128.8	51.7	0.0
-47.5°	506.5	405.9	306.4	207.4	120.2	49.4	0.0
-50°	468.8	375.2	284.5	193.1	111.3	47.0	0.0
-52.5°	431.5	343.8	262.2	179.2	102.1	44.5	0.0
-55°	393.7	315.2	239.4	164.9	92.6	41.9	0.0
-57.5°	355.3	286.9	216.3	150.3	82.9	39.3	0.0
-60°	317.1	258.2	192.9	135.4	73.0	36.5	0.0
-62.5°	283.4	229.2	173.1	120.2	67.4	33.7	0.0
-65°	249.5	200.0	153.0	104.8	61.7	30.9	0.0
-67.5°	215.5	172.9	132.6	89.1	55.9	28.0	0.0
-70°	181.3	147.9	112.0	73.2	49.9	25.0	0.0
-72.5°	151.4	122.7	91.3	63.0	43.9	22.0	0.0
-75°	122.0	97.3	70.3	54.2	37.8	18.9	0.0
-77.5°	92.4	71.8	57.2	45.2	31.6	15.8	0.0
-80°	62.8	54.1	45.8	36.2	25.4	12.7	0.0
-82.5°	45.8	40.6	34.4	27.2	19.1	9.5	0.0
-85°	30.5	27.1	22.9	18.2	12.7	6.4	0.0
-87.5°	15.3	13.5	11.5	9.1	6.4	3.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)