

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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1C-940-U-WAF-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

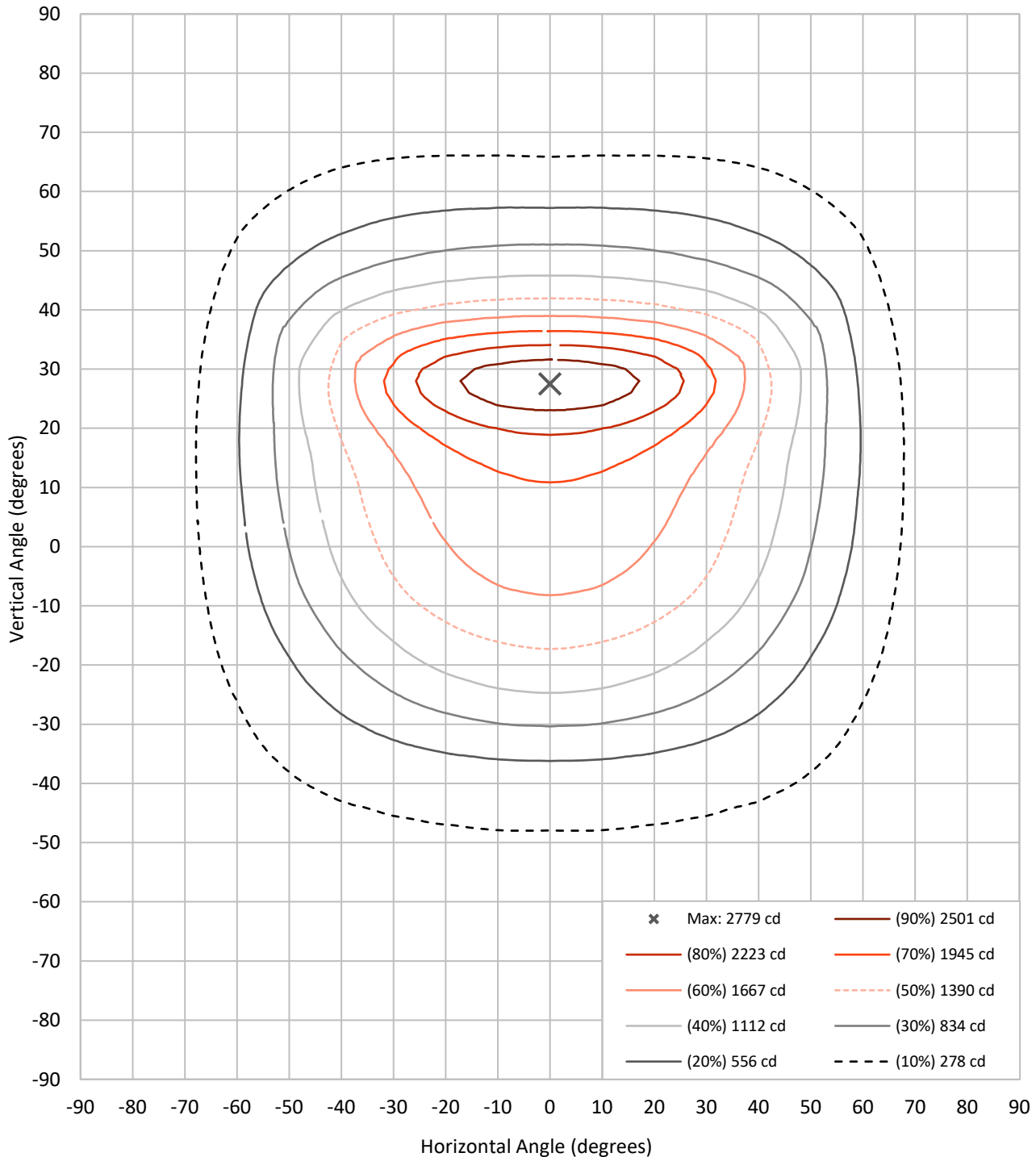
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	4051.3 lumens	Max Intensity:	2779 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	92.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	2105.5 lumens	Field Lumens:	3747.8 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	44		
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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

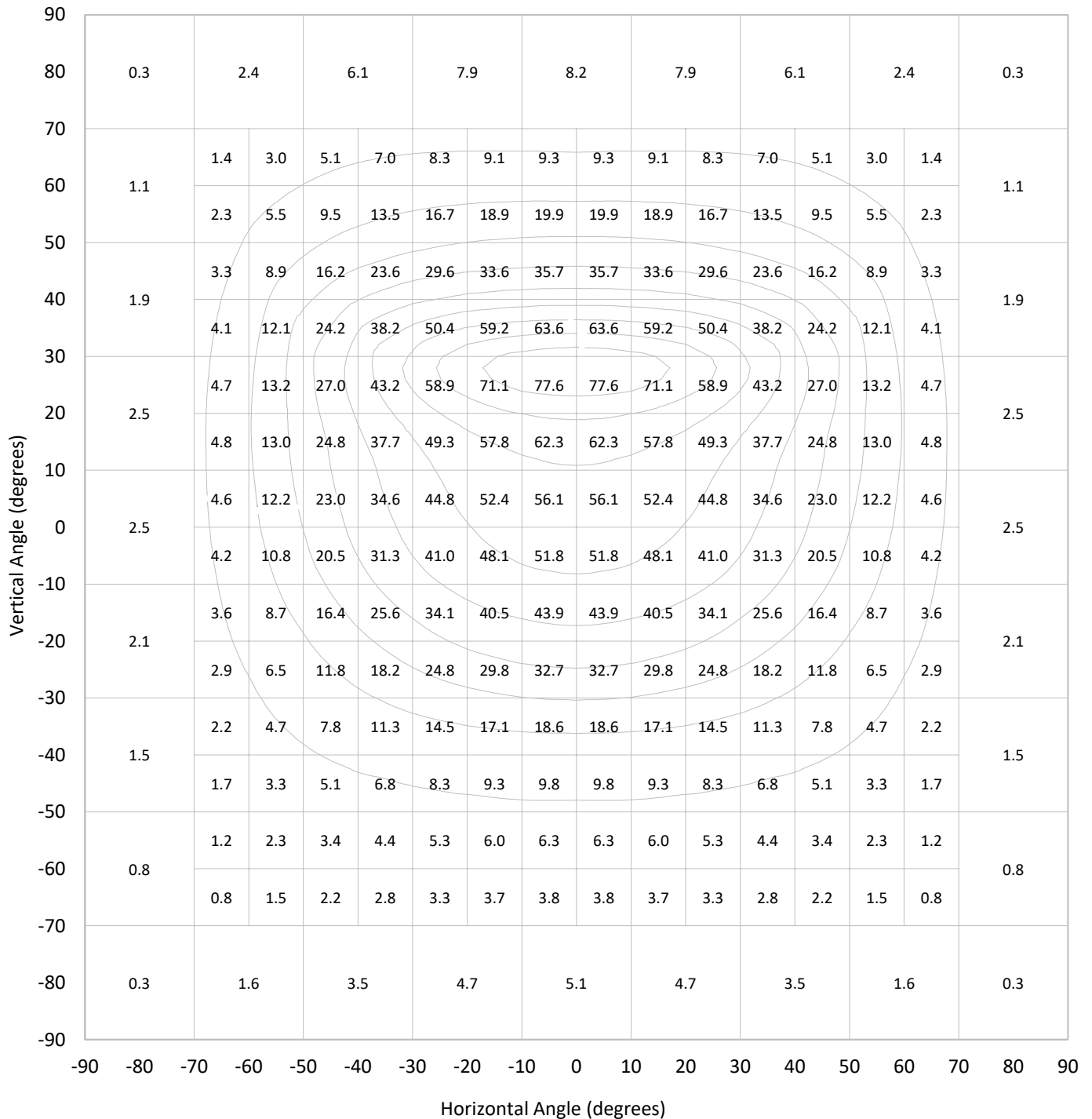
### Iso-Candela Plot





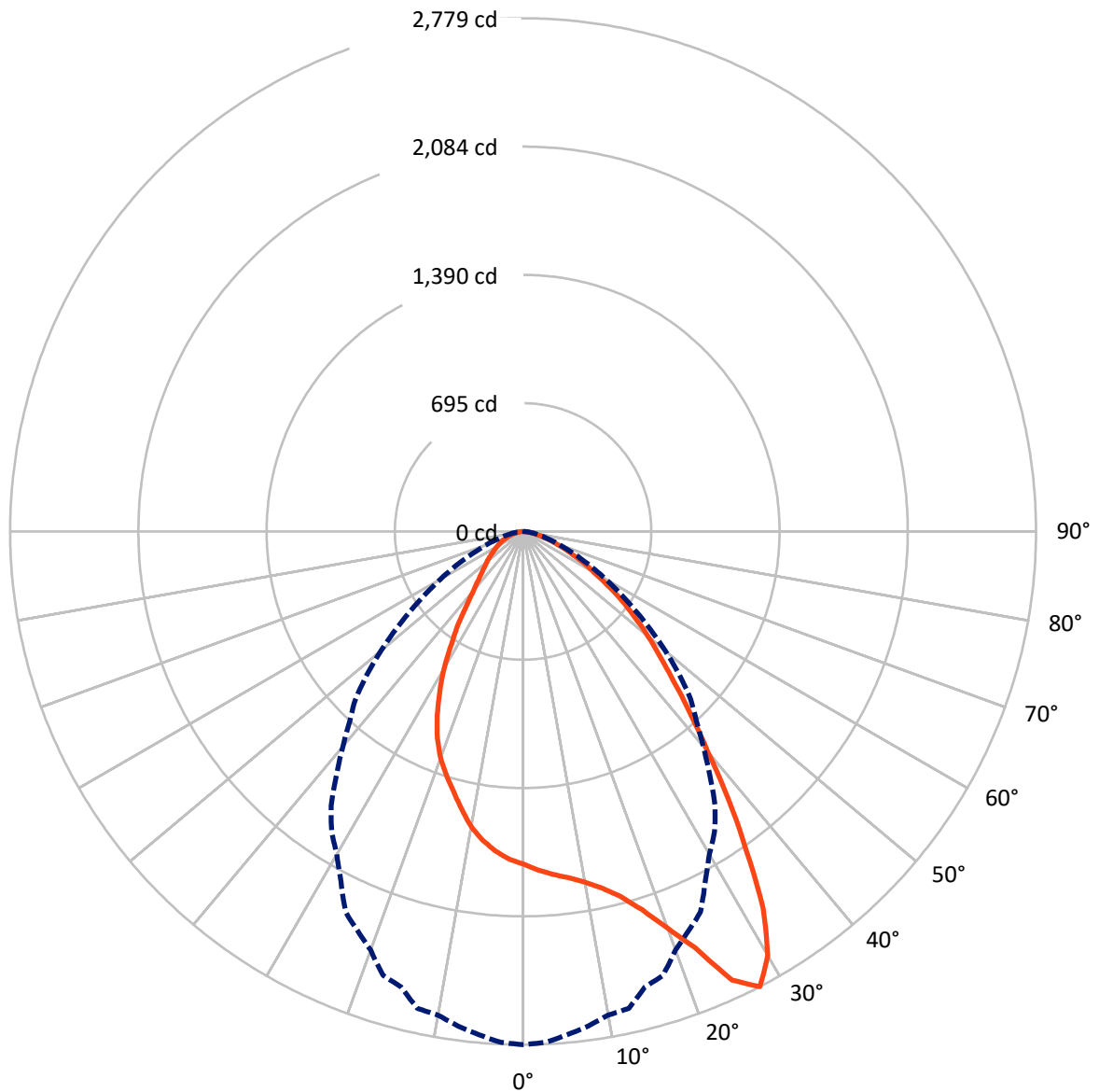
REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

### Lumen Table



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

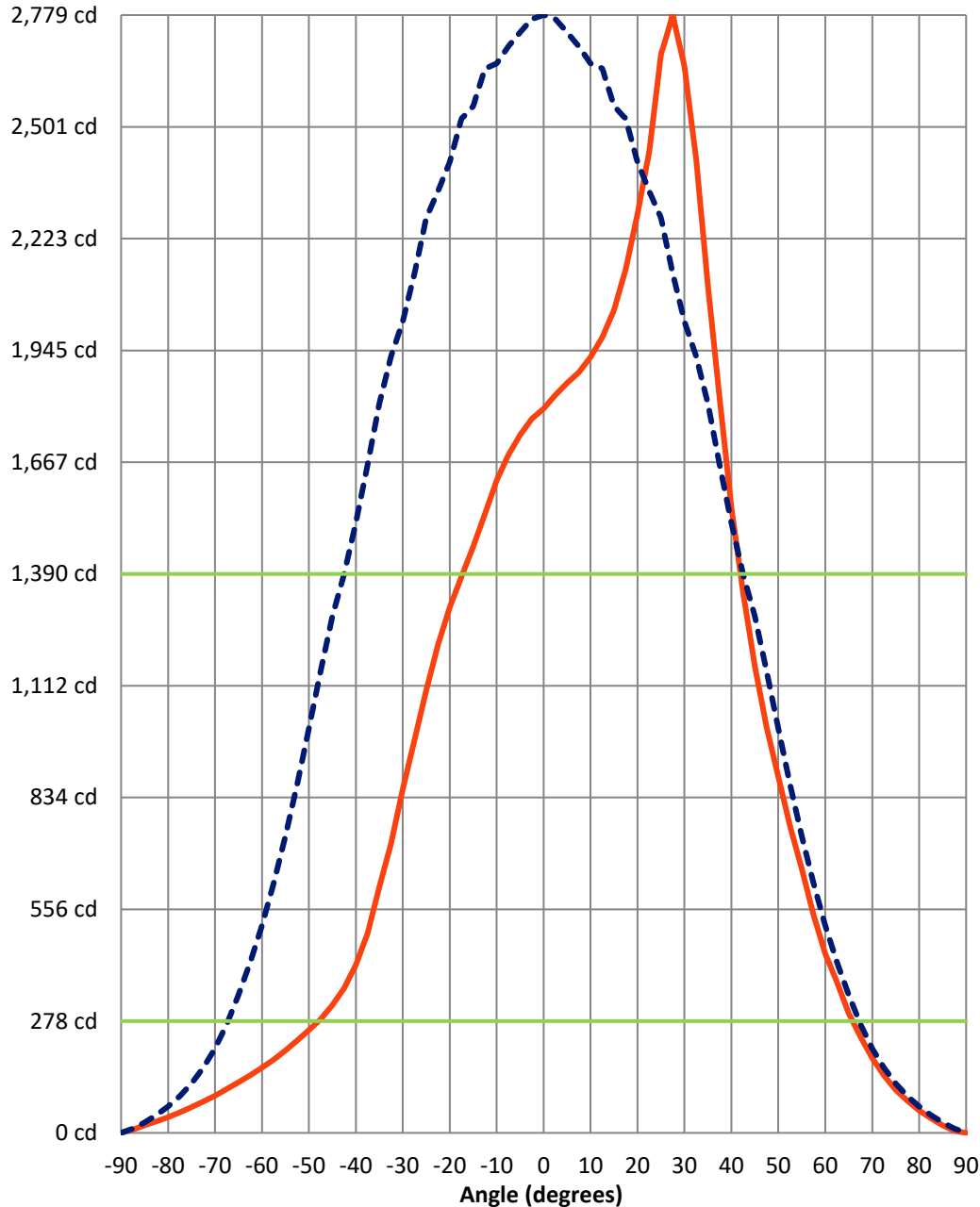
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 2105.5  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 3747.8  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 303.5  
 Efficiency: 7.5%

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



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.0	4.4	4.9
85°	0.0	1.1	2.2	3.2	4.2	5.2	6.2	7.1	8.0	8.9	9.7
82.5°	0.0	1.6	3.2	4.8	6.3	7.8	9.3	10.7	12.3	15.0	17.7
80°	0.0	2.1	4.3	6.4	8.4	10.4	12.6	16.1	19.8	23.6	27.6
77.5°	0.0	2.6	5.4	8.0	10.5	13.6	17.9	22.5	27.2	32.2	37.9
75°	0.0	3.2	6.4	9.5	12.8	17.8	23.2	28.7	34.8	42.4	50.1
72.5°	0.0	3.7	7.4	11.1	16.0	22.0	28.3	35.4	44.1	53.0	62.2
70°	0.0	4.2	8.5	12.8	19.2	26.1	33.5	43.3	53.2	63.5	75.5
67.5°	0.0	4.7	9.5	15.0	22.3	30.1	40.0	51.0	62.3	75.6	89.0
65°	0.0	5.1	10.4	17.2	25.3	34.5	46.2	58.5	72.7	87.4	103.0
62.5°	0.0	5.6	11.4	19.4	28.3	39.4	52.2	66.9	82.9	99.3	118.4
60°	0.0	6.1	12.3	21.5	31.2	44.0	58.1	75.5	92.8	112.5	133.3
57.5°	0.0	6.5	13.7	23.5	34.6	48.5	64.6	83.8	103.5	125.2	150.3
55°	0.0	7.0	14.9	25.5	38.0	52.8	71.0	91.5	114.2	138.0	167.7
52.5°	0.0	7.4	16.2	27.4	41.2	57.1	77.0	99.7	124.3	152.4	184.1
50°	0.0	7.8	17.4	29.2	44.2	61.7	82.7	107.4	134.6	165.9	203.8
47.5°	0.0	8.2	18.6	31.1	47.1	66.0	88.1	114.7	145.6	178.4	222.5
45°	0.0	8.6	19.7	33.1	49.8	70.1	93.8	121.3	155.1	193.6	239.7
42.5°	0.0	8.9	20.7	35.0	52.3	73.8	99.0	128.3	163.8	207.6	259.1
40°	0.0	9.3	21.7	36.8	54.9	77.3	103.7	135.3	172.7	220.2	277.3
37.5°	0.0	9.6	22.7	38.5	57.5	80.4	108.0	141.7	182.2	231.7	293.6
35°	0.0	9.9	23.6	40.1	59.8	83.5	111.8	147.4	190.6	243.9	308.9
32.5°	0.0	10.2	24.4	41.6	61.9	86.5	115.5	152.4	197.9	254.4	322.6
30°	0.0	10.5	25.2	43.0	63.8	89.1	119.4	157.1	204.0	263.1	333.9
27.5°	0.0	10.7	25.9	44.2	65.6	91.3	122.8	162.0	209.7	270.1	342.9
25°	0.0	11.0	26.6	45.4	67.2	93.1	125.7	166.0	215.2	276.5	349.7
22.5°	0.0	11.2	27.1	46.4	68.6	94.8	128.1	169.1	219.4	281.7	355.5
20°	0.0	11.3	27.7	47.3	69.7	96.4	129.9	171.3	222.2	285.0	359.2
17.5°	0.0	11.5	28.1	48.1	70.6	97.7	131.5	172.7	223.8	286.6	360.9
15°	0.0	11.6	28.5	48.7	71.3	98.8	132.9	173.7	224.1	286.5	360.7
12.5°	0.0	11.8	28.9	49.2	71.8	99.5	133.7	174.4	224.1	284.8	358.6
10°	0.0	11.9	29.1	49.6	72.1	100.0	134.0	174.4	223.7	283.9	355.3
7.5°	0.0	11.9	29.3	49.9	72.2	100.2	133.8	173.8	222.4	282.1	351.7
5°	0.0	12.0	29.4	50.1	72.1	100.2	133.2	172.6	220.2	279.1	346.3
2.5°	0.0	12.0	29.5	50.1	71.8	99.8	132.2	170.8	217.1	274.9	339.3
0°	0.0	12.0	29.5	50.0	71.4	99.2	130.8	168.4	213.3	269.7	330.9
-2.5°	0.0	12.0	29.4	49.8	71.1	98.3	129.3	165.9	209.5	263.9	322.4
-5°	0.0	12.0	29.3	49.4	70.5	97.1	127.5	163.0	205.1	257.2	312.8
-7.5°	0.0	12.0	29.1	49.0	69.9	95.6	125.3	159.6	200.1	249.6	302.3
-10°	0.0	11.9	28.8	48.4	69.0	94.0	122.8	155.7	194.4	241.3	290.9
-12.5°	0.0	11.9	28.5	47.8	68.1	92.1	119.9	151.5	188.3	232.5	279.8
-15°	0.0	11.8	28.1	47.0	66.9	90.1	116.8	147.0	182.1	223.7	268.4
-17.5°	0.0	11.6	27.7	46.1	65.6	87.9	113.5	142.5	175.8	214.5	256.4
-20°	0.0	11.5	27.2	45.1	64.2	85.5	110.0	137.8	169.2	204.9	243.9



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.3	26.6	44.1	62.6	83.0	106.4	132.9	162.3	195.0	231.1
-25°	0.0	11.1	26.0	42.9	60.9	80.5	102.7	127.7	155.2	184.8	217.9
-27.5°	0.0	10.9	25.4	41.7	59.1	77.9	98.8	122.2	147.9	174.9	205.4
-30°	0.0	10.7	24.6	40.3	57.1	75.1	94.7	116.4	140.8	165.9	193.0
-32.5°	0.0	10.4	23.9	38.9	55.1	72.2	90.5	111.0	133.7	156.9	180.6
-35°	0.0	10.1	23.1	37.4	52.9	69.1	86.5	105.7	126.4	147.9	168.4
-37.5°	0.0	9.8	22.3	35.9	50.6	66.0	82.6	100.3	118.9	138.8	158.2
-40°	0.0	9.5	21.4	34.2	48.3	63.0	78.5	94.8	111.3	130.1	148.6
-42.5°	0.0	9.2	20.5	32.5	46.0	59.9	74.3	89.2	104.4	121.6	138.9
-45°	0.0	8.8	19.5	30.8	43.6	56.8	70.0	83.8	98.0	113.1	129.0
-47.5°	0.0	8.4	18.5	29.0	41.2	53.5	65.6	78.7	91.6	104.6	119.6
-50°	0.0	8.0	17.5	27.4	38.7	50.2	61.5	73.4	85.2	97.4	110.3
-52.5°	0.0	7.6	16.4	25.8	36.1	46.8	57.5	68.0	79.0	90.2	101.1
-55°	0.0	7.2	15.4	24.2	33.5	43.4	53.3	62.6	72.9	82.8	93.0
-57.5°	0.0	6.7	14.2	22.5	30.8	40.1	49.2	57.8	66.6	75.7	84.7
-60°	0.0	6.3	13.1	20.8	28.0	36.7	44.9	53.0	60.4	68.7	76.6
-62.5°	0.0	5.8	12.1	19.0	25.7	33.2	40.8	48.1	54.9	61.6	68.8
-65°	0.0	5.3	11.1	17.2	23.4	29.6	36.6	43.2	49.3	55.2	61.0
-67.5°	0.0	4.8	10.1	15.4	21.0	26.3	32.4	38.3	43.6	48.9	53.9
-70°	0.0	4.3	9.0	13.6	18.5	23.3	28.1	33.4	38.2	42.6	47.0
-72.5°	0.0	3.8	8.0	11.9	16.0	20.3	24.3	28.5	32.8	36.7	40.2
-75°	0.0	3.3	6.9	10.2	13.5	17.2	20.7	24.1	27.3	30.8	33.9
-77.5°	0.0	2.7	5.7	8.5	11.3	14.0	17.0	19.9	22.6	25.1	27.7
-80°	0.0	2.2	4.6	6.8	9.0	11.1	13.3	15.6	17.9	20.0	21.9
-82.5°	0.0	1.6	3.5	5.1	6.8	8.4	9.9	11.5	13.1	14.8	16.3
-85°	0.0	1.1	2.3	3.4	4.5	5.6	6.6	7.7	8.7	9.8	10.8
-87.5°	0.0	0.6	1.2	1.7	2.3	2.8	3.3	3.8	4.4	4.9	5.4
-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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.3	5.5	5.6	5.8	6.0	6.2	6.4	6.5	6.6	6.6
85°	10.2	10.7	11.9	13.1	14.4	15.6	16.6	17.5	18.2	18.8	19.3
82.5°	20.0	22.2	24.2	26.1	27.9	29.5	31.0	32.7	34.1	35.2	36.2
80°	30.8	33.7	37.3	40.6	43.6	46.4	48.9	51.1	52.9	54.6	56.4
77.5°	43.3	48.0	52.4	56.5	60.4	65.0	69.2	73.1	76.1	78.4	80.1
75°	56.7	62.3	68.7	75.1	81.1	86.6	91.9	98.4	103.7	107.7	110.9
72.5°	71.0	79.1	86.9	94.6	103.3	111.9	120.2	128.2	135.2	140.4	144.5
70°	86.5	95.8	106.7	117.7	128.3	139.0	150.4	160.8	169.4	175.5	181.3
67.5°	102.3	115.4	128.3	141.5	156.5	170.1	182.6	195.8	207.4	215.0	221.7
65°	120.5	135.2	152.4	169.9	186.4	203.4	219.2	233.5	248.1	258.7	267.5
62.5°	138.1	158.8	179.1	199.6	220.3	238.8	259.4	277.7	292.5	307.7	320.7
60°	159.0	183.6	208.4	233.2	256.3	282.3	304.9	326.2	345.9	362.9	379.0
57.5°	179.8	211.6	241.0	270.0	300.6	328.4	355.0	378.9	402.4	422.1	441.4
55°	201.8	242.7	276.6	312.5	346.1	377.5	407.3	437.3	462.4	489.5	513.0
52.5°	226.1	272.8	316.7	356.2	394.1	430.3	466.0	502.1	537.3	565.4	592.0
50°	248.8	304.6	357.3	402.3	445.9	489.0	533.6	578.6	617.5	649.6	677.3
47.5°	273.9	334.1	401.1	450.9	503.1	556.5	610.6	660.4	702.7	746.4	777.0
45°	298.3	363.9	436.6	505.7	566.2	630.8	690.4	745.4	806.6	854.3	895.2
42.5°	320.6	392.2	473.0	561.0	636.7	706.1	770.6	847.8	918.2	974.0	1025.0
40°	343.5	417.9	506.2	612.4	707.0	781.0	859.6	944.9	1036.5	1105.1	1166.2
37.5°	364.5	444.2	536.5	651.7	776.2	857.6	944.4	1037.0	1141.5	1244.7	1318.0
35°	383.0	466.5	566.7	683.6	811.1	931.8	1023.6	1122.3	1236.6	1370.5	1470.6
32.5°	399.9	484.7	590.6	708.5	837.8	979.3	1095.9	1197.2	1311.8	1449.9	1620.0
30°	413.6	502.3	608.4	726.5	856.2	997.1	1145.2	1255.5	1364.3	1499.8	1658.1
27.5°	424.0	515.2	620.6	737.7	866.0	1005.4	1147.8	1283.9	1389.2	1516.8	1660.7
25°	432.0	525.8	627.1	741.8	867.4	1001.8	1138.8	1267.5	1385.8	1498.3	1627.4
22.5°	438.6	533.1	634.2	739.0	860.9	988.9	1117.7	1240.5	1355.0	1460.3	1571.4
20°	443.5	537.8	637.8	741.8	849.9	967.9	1091.1	1208.0	1318.6	1420.5	1511.0
17.5°	445.8	539.1	637.8	741.3	848.1	951.3	1058.5	1170.9	1279.6	1380.9	1470.2
15°	445.4	537.3	634.3	737.3	842.5	944.7	1043.6	1136.3	1237.5	1339.9	1428.9
12.5°	442.4	532.5	627.4	729.9	833.5	934.5	1031.5	1124.6	1215.4	1301.2	1386.2
10°	437.0	524.7	617.2	719.2	821.0	920.5	1016.3	1109.7	1199.5	1283.7	1362.9
7.5°	431.5	516.0	605.0	705.1	805.1	902.8	997.8	1091.3	1179.4	1263.4	1343.4
5°	424.3	506.8	595.7	691.6	787.9	883.3	976.3	1069.3	1155.1	1239.8	1320.2
2.5°	415.0	495.3	584.0	675.2	768.8	863.1	952.9	1044.3	1132.2	1213.7	1292.8
0°	404.0	481.8	569.8	655.8	746.4	839.6	925.9	1015.3	1106.7	1183.7	1261.1
-2.5°	392.0	465.6	549.2	634.7	722.3	813.7	902.2	986.9	1076.3	1154.1	1233.1
-5°	378.5	447.6	526.4	610.9	695.3	784.4	874.6	955.2	1040.6	1117.5	1195.2
-7.5°	363.7	428.3	501.7	584.2	664.6	748.7	834.0	911.5	994.6	1070.7	1146.4
-10°	348.1	409.2	477.7	554.0	629.8	708.2	788.4	864.2	944.1	1019.9	1092.7
-12.5°	333.2	390.3	453.0	522.4	593.1	665.5	740.1	813.3	889.1	965.2	1033.3
-15°	317.6	370.5	427.5	489.6	554.8	621.1	689.6	758.8	830.0	904.4	967.4
-17.5°	301.4	350.0	401.4	456.2	515.1	575.1	638.1	705.0	770.1	837.9	898.8
-20°	284.9	328.8	375.1	422.3	474.7	532.2	591.2	651.2	710.3	769.4	826.5



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	268.1	307.2	349.3	390.9	440.7	492.6	544.3	596.4	649.5	700.4	754.4
-25°	251.9	287.1	324.3	364.7	407.5	453.3	497.7	541.7	588.8	636.5	683.0
-27.5°	236.3	267.3	302.5	338.5	374.1	414.9	453.8	491.1	532.2	574.2	611.8
-30°	220.7	250.2	280.9	312.9	344.2	378.2	411.8	444.6	478.0	514.1	546.6
-32.5°	206.1	233.1	261.1	289.1	315.7	342.0	373.1	402.2	429.6	455.2	483.6
-35°	192.9	217.6	241.9	266.1	288.0	311.1	337.1	361.6	383.6	404.2	425.9
-37.5°	180.4	202.4	222.9	244.4	263.9	283.8	302.9	324.1	341.9	358.3	376.2
-40°	167.8	187.5	206.0	224.0	241.8	258.4	274.7	289.2	303.5	319.3	331.5
-42.5°	155.5	173.7	190.3	204.1	220.9	235.2	247.9	259.9	271.6	283.9	293.7
-45°	144.6	160.1	175.2	188.4	201.1	213.2	224.0	233.4	244.5	253.0	260.4
-47.5°	133.5	147.0	160.8	173.1	183.6	193.5	201.4	210.9	220.0	227.4	231.7
-50°	122.7	135.0	146.7	158.1	167.7	175.6	182.5	190.3	197.8	204.1	208.2
-52.5°	112.7	123.0	133.8	143.5	152.4	159.5	166.0	172.8	178.3	182.7	188.1
-55°	102.9	112.3	121.4	130.1	137.6	144.1	150.6	156.6	161.3	165.0	169.5
-57.5°	93.6	102.2	110.0	117.3	124.1	129.7	136.0	141.1	145.6	149.0	153.6
-60°	84.6	92.2	99.4	105.8	111.3	116.8	121.9	126.7	130.5	134.0	138.2
-62.5°	75.6	82.5	89.0	94.8	99.9	104.5	109.1	113.1	116.3	119.9	123.4
-65°	67.2	73.0	78.7	84.0	88.8	93.1	97.0	100.2	103.2	106.4	109.2
-67.5°	58.8	64.3	69.0	73.2	77.6	81.9	85.4	88.4	90.9	93.5	95.9
-70°	51.3	55.7	60.0	63.8	67.1	70.7	74.1	77.0	79.2	81.2	83.2
-72.5°	43.9	47.8	51.4	54.7	57.7	60.5	63.2	65.8	67.9	69.5	70.9
-75°	37.0	39.9	43.0	45.9	48.4	50.6	52.7	54.7	56.4	57.8	58.9
-77.5°	30.3	32.8	35.1	37.3	39.1	40.9	42.5	44.0	45.3	46.3	47.1
-80°	23.8	25.6	27.5	29.3	30.7	31.9	32.9	33.8	34.7	35.7	36.6
-82.5°	17.7	19.0	20.3	21.5	22.5	23.3	24.0	24.7	25.4	26.0	26.6
-85°	11.6	12.4	13.2	13.9	14.7	15.3	15.8	16.3	16.7	17.0	17.3
-87.5°	5.8	6.2	6.6	6.9	7.2	7.6	7.9	8.1	8.3	8.5	8.6
-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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	6.7	6.7	6.7	6.6	6.4	6.1	5.7	5.4	5.6	5.7
85°	19.6	19.7	19.6	19.4	19.1	19.1	19.0	18.9	18.7	19.0	19.3
82.5°	36.9	37.2	37.2	37.0	36.6	36.8	36.9	36.8	36.6	36.9	37.0
80°	57.6	58.2	58.2	57.8	57.0	57.1	57.2	57.0	56.6	56.7	56.7
77.5°	82.1	83.4	83.8	83.6	82.8	82.6	82.0	80.9	79.3	79.3	79.3
75°	113.3	114.6	115.3	115.2	114.5	114.0	113.3	112.0	110.2	110.1	110.1
72.5°	147.7	149.6	150.5	151.3	151.3	151.0	150.1	148.2	145.3	145.0	145.3
70°	185.8	189.0	191.1	192.6	193.9	194.1	193.5	192.0	189.5	188.8	188.6
67.5°	228.2	233.3	237.2	239.8	242.2	244.0	244.6	243.9	241.9	241.3	241.5
65°	275.7	283.6	290.1	295.0	298.3	300.6	302.6	303.8	304.2	304.9	305.8
62.5°	331.2	340.9	350.0	356.1	359.3	361.6	368.1	371.8	372.9	373.2	374.6
60°	393.1	405.4	416.7	425.8	433.2	438.7	444.3	447.9	449.3	449.5	451.5
57.5°	460.9	476.3	489.6	503.6	513.4	519.1	526.5	534.1	538.1	539.2	544.0
55°	535.9	556.9	574.1	589.1	602.8	614.8	625.0	632.9	638.7	642.2	648.4
52.5°	618.7	643.4	661.4	679.0	698.7	712.6	721.7	736.2	746.7	752.5	759.9
50°	709.7	737.2	761.7	780.2	803.1	822.0	835.8	849.6	859.3	864.8	872.0
47.5°	813.3	847.2	875.6	892.7	919.3	941.6	950.6	961.0	979.2	987.9	995.6
45°	929.9	973.1	1004.7	1031.6	1054.4	1079.4	1095.8	1107.7	1125.6	1134.5	1140.2
42.5°	1068.7	1116.8	1158.4	1190.6	1209.8	1242.3	1265.9	1272.6	1298.0	1315.2	1320.2
40°	1224.4	1277.7	1332.5	1369.3	1400.2	1433.1	1472.1	1493.9	1515.3	1532.2	1536.0
37.5°	1386.5	1457.8	1520.4	1568.0	1619.0	1667.6	1709.0	1731.6	1745.7	1777.9	1790.0
35°	1551.4	1625.0	1712.7	1786.5	1848.4	1908.4	1955.6	1992.8	2028.2	2057.2	2074.6
32.5°	1691.8	1771.0	1879.3	1989.8	2056.6	2121.6	2199.1	2241.7	2288.9	2327.2	2355.1
30°	1807.2	1882.5	1981.1	2119.7	2211.2	2277.1	2375.2	2434.0	2485.5	2550.3	2572.9
27.5°	1812.6	1930.4	2017.6	2137.0	2274.3	2341.2	2413.7	2520.6	2553.1	2645.5	2658.9
25°	1765.1	1888.7	1978.3	2078.0	2192.1	2273.4	2339.7	2428.6	2475.2	2534.7	2580.3
22.5°	1690.7	1799.6	1891.0	1975.5	2064.6	2138.6	2199.2	2261.7	2312.8	2359.0	2401.8
20°	1608.5	1711.9	1798.5	1871.3	1941.8	2010.5	2065.0	2117.5	2161.6	2201.2	2225.6
17.5°	1550.6	1625.0	1713.5	1788.0	1849.2	1903.1	1959.5	2003.4	2042.2	2077.8	2100.1
15°	1511.1	1581.8	1644.9	1713.2	1777.7	1829.1	1871.6	1916.9	1950.4	1981.1	2005.2
12.5°	1470.1	1543.0	1608.9	1665.9	1716.4	1772.5	1817.9	1853.5	1888.6	1912.7	1937.5
10°	1435.8	1504.0	1572.4	1632.5	1685.7	1731.9	1774.9	1814.8	1846.4	1873.4	1892.9
7.5°	1415.9	1482.8	1544.3	1601.9	1653.7	1703.0	1747.4	1784.0	1815.2	1843.2	1863.7
5°	1392.8	1459.0	1520.4	1579.4	1629.1	1676.5	1720.6	1758.3	1790.6	1815.6	1835.2
2.5°	1366.4	1431.7	1492.9	1552.9	1602.6	1648.2	1690.0	1726.8	1760.5	1784.3	1800.9
0°	1336.3	1401.7	1461.5	1518.0	1568.0	1617.1	1655.6	1692.8	1725.7	1749.2	1765.9
-2.5°	1305.9	1370.9	1432.9	1486.9	1536.6	1582.0	1622.9	1658.1	1689.5	1712.9	1727.5
-5°	1265.6	1330.2	1391.3	1445.7	1497.6	1543.2	1583.0	1618.7	1649.0	1674.5	1694.4
-7.5°	1216.7	1282.0	1343.1	1398.7	1450.3	1493.3	1531.6	1567.6	1599.9	1627.8	1652.2
-10°	1162.9	1227.5	1285.2	1337.3	1385.4	1429.2	1469.8	1505.4	1535.0	1562.4	1582.9
-12.5°	1100.3	1160.1	1216.5	1267.9	1314.9	1358.8	1397.4	1431.3	1461.1	1485.4	1503.9
-15°	1031.2	1088.0	1141.4	1193.9	1243.1	1286.3	1320.4	1356.1	1381.9	1405.4	1422.0
-17.5°	957.3	1012.2	1068.4	1121.0	1166.5	1209.0	1246.5	1279.1	1306.2	1327.8	1346.6
-20°	882.4	938.3	992.4	1042.5	1086.2	1125.7	1163.6	1195.0	1222.8	1246.2	1268.3



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	807.1	858.4	909.2	958.2	999.6	1036.9	1070.1	1100.1	1124.6	1152.2	1171.7
-25°	729.8	774.8	820.6	864.0	903.1	939.7	969.8	996.1	1021.7	1048.4	1067.4
-27.5°	652.1	691.9	729.2	767.5	801.8	833.5	861.5	884.5	909.3	927.1	948.0
-30°	575.4	611.4	642.5	669.1	701.4	728.6	750.3	773.2	793.7	810.7	828.3
-32.5°	510.3	535.0	559.8	582.1	603.5	625.9	643.4	663.4	677.4	692.1	706.3
-35°	447.8	466.8	483.3	504.2	520.2	532.4	547.0	561.6	567.3	583.2	591.7
-37.5°	391.2	403.7	419.1	433.6	445.5	454.6	467.6	475.3	479.3	489.6	495.1
-40°	342.8	350.7	365.0	374.9	382.1	388.7	399.5	404.5	410.0	415.1	415.3
-42.5°	300.1	310.3	320.0	327.8	332.3	339.9	345.0	345.6	352.7	357.2	357.9
-45°	265.3	275.6	283.3	289.0	293.6	300.1	303.3	305.2	311.0	314.1	315.4
-47.5°	238.5	245.7	252.4	256.8	262.7	267.5	269.9	273.0	277.5	280.3	282.3
-50°	214.9	220.7	225.7	229.8	235.7	240.0	242.2	246.0	249.4	251.4	253.0
-52.5°	194.3	199.4	202.9	206.8	211.7	215.5	218.4	222.2	224.9	226.8	228.2
-55°	174.9	179.7	183.1	187.4	190.9	193.5	196.0	199.6	202.3	204.2	205.4
-57.5°	157.8	161.4	164.8	168.6	172.0	174.7	177.0	179.0	180.8	182.3	183.4
-60°	141.8	144.7	147.8	150.8	153.3	155.3	157.7	159.6	160.7	161.5	162.4
-62.5°	126.4	129.0	131.7	134.2	136.2	137.8	139.8	141.3	142.4	143.2	143.7
-65°	111.7	114.0	116.3	118.4	120.1	121.5	122.9	123.9	124.7	125.4	125.9
-67.5°	98.0	99.8	101.4	102.9	104.2	105.4	106.6	107.4	107.8	108.3	108.9
-70°	84.8	86.3	87.3	88.2	88.9	89.9	91.1	91.9	92.3	92.8	93.3
-72.5°	72.1	73.1	74.0	74.7	75.1	75.7	76.5	77.1	77.6	78.0	78.2
-75°	59.7	60.6	61.4	61.9	62.2	62.7	63.1	63.3	63.3	63.5	63.6
-77.5°	47.7	48.6	49.3	49.8	50.1	50.5	50.8	50.9	51.0	51.0	50.9
-80°	37.3	37.8	38.3	38.7	38.9	39.2	39.3	39.3	39.2	39.3	39.3
-82.5°	27.1	27.6	28.0	28.3	28.5	28.8	29.0	29.2	29.3	29.3	29.3
-85°	17.5	17.8	18.0	18.2	18.3	18.5	18.5	18.5	18.5	18.5	18.5
-87.5°	8.8	8.7	8.5	8.4	8.2	8.2	8.2	8.2	8.2	8.3	8.4
-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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.8	6.0	5.5	5.1	5.5	6.0	5.8	5.7	5.6	5.4	5.7
85°	19.5	19.6	19.2	18.8	19.2	19.6	19.5	19.3	19.0	18.7	18.9
82.5°	37.1	37.0	36.7	36.3	36.7	37.0	37.1	37.0	36.9	36.6	36.8
80°	56.5	56.1	55.9	55.6	55.9	56.1	56.5	56.7	56.7	56.6	57.0
77.5°	79.1	78.7	79.4	79.9	79.4	78.7	79.1	79.3	79.3	79.3	80.9
75°	109.7	108.8	108.0	106.9	108.0	108.8	109.7	110.1	110.1	110.2	112.0
72.5°	145.2	144.5	143.9	142.8	143.9	144.5	145.2	145.3	145.0	145.3	148.2
70°	187.5	185.5	185.9	186.0	185.9	185.5	187.5	188.6	188.8	189.5	192.0
67.5°	240.7	238.9	239.2	239.0	239.2	238.9	240.7	241.5	241.3	241.9	243.9
65°	305.2	303.2	300.7	297.1	300.7	303.2	305.2	305.8	304.9	304.2	303.8
62.5°	374.4	372.6	373.7	374.5	373.7	372.6	374.4	374.6	373.2	372.9	371.8
60°	451.2	448.7	447.5	445.4	447.5	448.7	451.2	451.5	449.5	449.3	447.9
57.5°	546.1	545.7	544.6	541.6	544.6	545.7	546.1	544.0	539.2	538.1	534.1
55°	651.3	650.7	653.2	656.2	653.2	650.7	651.3	648.4	642.2	638.7	632.9
52.5°	765.4	767.3	766.6	762.6	766.6	767.3	765.4	759.9	752.5	746.7	736.2
50°	878.3	880.5	882.8	884.9	882.8	880.5	878.3	872.0	864.8	859.3	849.6
47.5°	1006.2	1011.9	1012.9	1008.8	1012.9	1011.9	1006.2	995.6	987.9	979.2	961.0
45°	1151.5	1155.0	1156.7	1160.2	1156.7	1155.0	1151.5	1140.2	1134.5	1125.6	1107.7
42.5°	1334.8	1338.8	1339.4	1343.1	1339.4	1338.8	1334.8	1320.2	1315.2	1298.0	1272.6
40°	1552.3	1558.7	1557.6	1556.0	1557.6	1558.7	1552.3	1536.0	1532.2	1515.3	1493.9
37.5°	1806.9	1817.9	1819.0	1825.8	1819.0	1817.9	1806.9	1790.0	1777.9	1745.7	1731.6
35°	2092.6	2105.5	2103.3	2106.6	2103.3	2105.5	2092.6	2074.6	2057.2	2028.2	1992.8
32.5°	2380.9	2400.2	2404.1	2420.4	2404.1	2400.2	2380.9	2355.1	2327.2	2288.9	2241.7
30°	2607.3	2634.4	2652.1	2650.8	2652.1	2634.4	2607.3	2572.9	2550.3	2485.5	2434.0
27.5°	2701.1	2736.2	2769.1	2779.0	2769.1	2736.2	2701.1	2658.9	2645.5	2553.1	2520.6
25°	2609.6	2635.3	2664.3	2679.9	2664.3	2635.3	2609.6	2580.3	2534.7	2475.2	2428.6
22.5°	2421.5	2438.2	2448.2	2440.0	2448.2	2438.2	2421.5	2401.8	2359.0	2312.8	2261.7
20°	2250.9	2272.0	2276.0	2284.4	2276.0	2272.0	2250.9	2225.6	2201.2	2161.6	2117.5
17.5°	2123.9	2137.7	2145.9	2147.6	2145.9	2137.7	2123.9	2100.1	2077.8	2042.2	2003.4
15°	2024.3	2035.4	2042.7	2045.9	2042.7	2035.4	2024.3	2005.2	1981.1	1950.4	1916.9
12.5°	1953.8	1967.3	1973.9	1977.9	1973.9	1967.3	1953.8	1937.5	1912.7	1888.6	1853.5
10°	1908.6	1921.6	1926.9	1928.8	1926.9	1921.6	1908.6	1892.9	1873.4	1846.4	1814.8
7.5°	1876.1	1884.4	1888.0	1890.7	1888.0	1884.4	1876.1	1863.7	1843.2	1815.2	1784.0
5°	1849.8	1856.5	1860.3	1864.2	1860.3	1856.5	1849.8	1835.2	1815.6	1790.6	1758.3
2.5°	1814.2	1823.7	1830.3	1834.3	1830.3	1823.7	1814.2	1800.9	1784.3	1760.5	1726.8
0°	1779.2	1788.1	1792.8	1800.5	1792.8	1788.1	1779.2	1765.9	1749.2	1725.7	1692.8
-2.5°	1740.7	1751.0	1763.4	1775.3	1763.4	1751.0	1740.7	1727.5	1712.9	1689.5	1658.1
-5°	1711.2	1724.9	1727.5	1735.1	1727.5	1724.9	1711.2	1694.4	1674.5	1649.0	1618.7
-7.5°	1666.8	1673.0	1683.7	1685.5	1683.7	1673.0	1666.8	1652.2	1627.8	1599.9	1567.6
-10°	1598.2	1608.4	1615.1	1621.8	1615.1	1608.4	1598.2	1582.9	1562.4	1535.0	1505.4
-12.5°	1517.8	1529.7	1540.4	1538.9	1540.4	1529.7	1517.8	1503.9	1485.4	1461.1	1431.3
-15°	1439.4	1450.9	1458.3	1457.3	1458.3	1450.9	1439.4	1422.0	1405.4	1381.9	1356.1
-17.5°	1361.6	1372.1	1382.7	1382.5	1382.7	1372.1	1361.6	1346.6	1327.8	1306.2	1279.1
-20°	1281.2	1290.2	1301.6	1306.4	1301.6	1290.2	1281.2	1268.3	1246.2	1222.8	1195.0



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1188.2	1199.8	1208.1	1213.2	1208.1	1199.8	1188.2	1171.7	1152.2	1124.6	1100.1
-25°	1079.9	1091.8	1098.1	1100.3	1098.1	1091.8	1079.9	1067.4	1048.4	1021.7	996.1
-27.5°	960.3	973.6	980.1	976.8	980.1	973.6	960.3	948.0	927.1	909.3	884.5
-30°	837.6	846.1	847.1	854.5	847.1	846.1	837.6	828.3	810.7	793.7	773.2
-32.5°	716.5	722.3	719.0	719.4	719.0	722.3	716.5	706.3	692.1	677.4	663.4
-35°	597.0	601.6	602.5	610.9	602.5	601.6	597.0	591.7	583.2	567.3	561.6
-37.5°	500.9	502.7	499.9	495.9	499.9	502.7	500.9	495.1	489.6	479.3	475.3
-40°	419.3	420.7	419.7	417.6	419.7	420.7	419.3	415.3	415.1	410.0	404.5
-42.5°	360.7	360.7	359.8	359.5	359.8	360.7	360.7	357.9	357.2	352.7	345.6
-45°	317.4	317.8	317.8	317.6	317.8	317.8	317.4	315.4	314.1	311.0	305.2
-47.5°	283.8	283.9	283.4	282.6	283.4	283.9	283.8	282.3	280.3	277.5	273.0
-50°	254.0	254.0	254.6	255.6	254.6	254.0	254.0	253.0	251.4	249.4	246.0
-52.5°	228.9	228.9	229.2	229.6	229.2	228.9	228.9	228.2	226.8	224.9	222.2
-55°	205.9	205.8	205.5	204.8	205.5	205.8	205.9	205.4	204.2	202.3	199.6
-57.5°	183.9	183.6	183.1	182.1	183.1	183.6	183.9	183.4	182.3	180.8	179.0
-60°	162.9	163.0	162.7	162.0	162.7	163.0	162.9	162.4	161.5	160.7	159.6
-62.5°	143.9	143.6	143.5	143.2	143.5	143.6	143.9	143.7	143.2	142.4	141.3
-65°	125.9	125.6	125.8	125.7	125.8	125.6	125.9	125.9	125.4	124.7	123.9
-67.5°	109.1	109.0	109.1	109.0	109.1	109.0	109.1	108.9	108.3	107.8	107.4
-70°	93.5	93.6	93.1	92.3	93.1	93.6	93.5	93.3	92.8	92.3	91.9
-72.5°	78.1	77.9	77.9	77.8	77.9	77.9	78.1	78.2	78.0	77.6	77.1
-75°	63.6	63.4	63.8	64.1	63.8	63.4	63.6	63.6	63.5	63.3	63.3
-77.5°	50.6	50.2	50.6	50.9	50.6	50.2	50.6	50.9	51.0	51.0	50.9
-80°	39.3	39.2	39.1	38.9	39.1	39.2	39.3	39.3	39.3	39.2	39.3
-82.5°	29.2	29.0	28.8	28.6	28.8	29.0	29.2	29.3	29.3	29.3	29.2
-85°	18.4	18.3	18.6	18.8	18.6	18.3	18.4	18.5	18.5	18.5	18.5
-87.5°	8.4	8.5	8.3	8.1	8.3	8.5	8.4	8.4	8.3	8.2	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.4	6.6	6.7	6.7	6.7	6.6	6.6	6.6	6.5	6.4
85°	19.0	19.1	19.1	19.4	19.6	19.7	19.6	19.3	18.8	18.2	17.5
82.5°	36.9	36.8	36.6	37.0	37.2	37.2	36.9	36.2	35.2	34.1	32.7
80°	57.2	57.1	57.0	57.8	58.2	58.2	57.6	56.4	54.6	52.9	51.1
77.5°	82.0	82.6	82.8	83.6	83.8	83.4	82.1	80.1	78.4	76.1	73.1
75°	113.3	114.0	114.5	115.2	115.3	114.6	113.3	110.9	107.7	103.7	98.4
72.5°	150.1	151.0	151.3	151.3	150.5	149.6	147.7	144.5	140.4	135.2	128.2
70°	193.5	194.1	193.9	192.6	191.1	189.0	185.8	181.3	175.5	169.4	160.8
67.5°	244.6	244.0	242.2	239.8	237.2	233.3	228.2	221.7	215.0	207.4	195.8
65°	302.6	300.6	298.3	295.0	290.1	283.6	275.7	267.5	258.7	248.1	233.5
62.5°	368.1	361.6	359.3	356.1	350.0	340.9	331.2	320.7	307.7	292.5	277.7
60°	444.3	438.7	433.2	425.8	416.7	405.4	393.1	379.0	362.9	345.9	326.2
57.5°	526.5	519.1	513.4	503.6	489.6	476.3	460.9	441.4	422.1	402.4	378.9
55°	625.0	614.8	602.8	589.1	574.1	556.9	535.9	513.0	489.5	462.4	437.3
52.5°	721.7	712.6	698.7	679.0	661.4	643.4	618.7	592.0	565.4	537.3	502.1
50°	835.8	822.0	803.1	780.2	761.7	737.2	709.7	677.3	649.6	617.5	578.6
47.5°	950.6	941.6	919.3	892.7	875.6	847.2	813.3	777.0	746.4	702.7	660.4
45°	1095.8	1079.4	1054.4	1031.6	1004.7	973.1	929.9	895.2	854.3	806.6	745.4
42.5°	1265.9	1242.3	1209.8	1190.6	1158.4	1116.8	1068.7	1025.0	974.0	918.2	847.8
40°	1472.1	1433.1	1400.2	1369.3	1332.5	1277.7	1224.4	1166.2	1105.1	1036.5	944.9
37.5°	1709.0	1667.6	1619.0	1568.0	1520.4	1457.8	1386.5	1318.0	1244.7	1141.5	1037.0
35°	1955.6	1908.4	1848.4	1786.5	1712.7	1625.0	1551.4	1470.6	1370.5	1236.6	1122.3
32.5°	2199.1	2121.6	2056.6	1989.8	1879.3	1771.0	1691.8	1620.0	1449.9	1311.8	1197.2
30°	2375.2	2277.1	2211.2	2119.7	1981.1	1882.5	1807.2	1658.1	1499.8	1364.3	1255.5
27.5°	2413.7	2341.2	2274.3	2137.0	2017.6	1930.4	1812.6	1660.7	1516.8	1389.2	1283.9
25°	2339.7	2273.4	2192.1	2078.0	1978.3	1888.7	1765.1	1627.4	1498.3	1385.8	1267.5
22.5°	2199.2	2138.6	2064.6	1975.5	1891.0	1799.6	1690.7	1571.4	1460.3	1355.0	1240.5
20°	2065.0	2010.5	1941.8	1871.3	1798.5	1711.9	1608.5	1511.0	1420.5	1318.6	1208.0
17.5°	1959.5	1903.1	1849.2	1788.0	1713.5	1625.0	1550.6	1470.2	1380.9	1279.6	1170.9
15°	1871.6	1829.1	1777.7	1713.2	1644.9	1581.8	1511.1	1428.9	1339.9	1237.5	1136.3
12.5°	1817.9	1772.5	1716.4	1665.9	1608.9	1543.0	1470.1	1386.2	1301.2	1215.4	1124.6
10°	1774.9	1731.9	1685.7	1632.5	1572.4	1504.0	1435.8	1362.9	1283.7	1199.5	1109.7
7.5°	1747.4	1703.0	1653.7	1601.9	1544.3	1482.8	1415.9	1343.4	1263.4	1179.4	1091.3
5°	1720.6	1676.5	1629.1	1579.4	1520.4	1459.0	1392.8	1320.2	1239.8	1155.1	1069.3
2.5°	1690.0	1648.2	1602.6	1552.9	1492.9	1431.7	1366.4	1292.8	1213.7	1132.2	1044.3
0°	1655.6	1617.1	1568.0	1518.0	1461.5	1401.7	1336.3	1261.1	1183.7	1106.7	1015.3
-2.5°	1622.9	1582.0	1536.6	1486.9	1432.9	1370.9	1305.9	1233.1	1154.1	1076.3	986.9
-5°	1583.0	1543.2	1497.6	1445.7	1391.3	1330.2	1265.6	1195.2	1117.5	1040.6	955.2
-7.5°	1531.6	1493.3	1450.3	1398.7	1343.1	1282.0	1216.7	1146.4	1070.7	994.6	911.5
-10°	1469.8	1429.2	1385.4	1337.3	1285.2	1227.5	1162.9	1092.7	1019.9	944.1	864.2
-12.5°	1397.4	1358.8	1314.9	1267.9	1216.5	1160.1	1100.3	1033.3	965.2	889.1	813.3
-15°	1320.4	1286.3	1243.1	1193.9	1141.4	1088.0	1031.2	967.4	904.4	830.0	758.8
-17.5°	1246.5	1209.0	1166.5	1121.0	1068.4	1012.2	957.3	898.8	837.9	770.1	705.0
-20°	1163.6	1125.7	1086.2	1042.5	992.4	938.3	882.4	826.5	769.4	710.3	651.2



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1070.1	1036.9	999.6	958.2	909.2	858.4	807.1	754.4	700.4	649.5	596.4
-25°	969.8	939.7	903.1	864.0	820.6	774.8	729.8	683.0	636.5	588.8	541.7
-27.5°	861.5	833.5	801.8	767.5	729.2	691.9	652.1	611.8	574.2	532.2	491.1
-30°	750.3	728.6	701.4	669.1	642.5	611.4	575.4	546.6	514.1	478.0	444.6
-32.5°	643.4	625.9	603.5	582.1	559.8	535.0	510.3	483.6	455.2	429.6	402.2
-35°	547.0	532.4	520.2	504.2	483.3	466.8	447.8	425.9	404.2	383.6	361.6
-37.5°	467.6	454.6	445.5	433.6	419.1	403.7	391.2	376.2	358.3	341.9	324.1
-40°	399.5	388.7	382.1	374.9	365.0	350.7	342.8	331.5	319.3	303.5	289.2
-42.5°	345.0	339.9	332.3	327.8	320.0	310.3	300.1	293.7	283.9	271.6	259.9
-45°	303.3	300.1	293.6	289.0	283.3	275.6	265.3	260.4	253.0	244.5	233.4
-47.5°	269.9	267.5	262.7	256.8	252.4	245.7	238.5	231.7	227.4	220.0	210.9
-50°	242.2	240.0	235.7	229.8	225.7	220.7	214.9	208.2	204.1	197.8	190.3
-52.5°	218.4	215.5	211.7	206.8	202.9	199.4	194.3	188.1	182.7	178.3	172.8
-55°	196.0	193.5	190.9	187.4	183.1	179.7	174.9	169.5	165.0	161.3	156.6
-57.5°	177.0	174.7	172.0	168.6	164.8	161.4	157.8	153.6	149.0	145.6	141.1
-60°	157.7	155.3	153.3	150.8	147.8	144.7	141.8	138.2	134.0	130.5	126.7
-62.5°	139.8	137.8	136.2	134.2	131.7	129.0	126.4	123.4	119.9	116.3	113.1
-65°	122.9	121.5	120.1	118.4	116.3	114.0	111.7	109.2	106.4	103.2	100.2
-67.5°	106.6	105.4	104.2	102.9	101.4	99.8	98.0	95.9	93.5	90.9	88.4
-70°	91.1	89.9	88.9	88.2	87.3	86.3	84.8	83.2	81.2	79.2	77.0
-72.5°	76.5	75.7	75.1	74.7	74.0	73.1	72.1	70.9	69.5	67.9	65.8
-75°	63.1	62.7	62.2	61.9	61.4	60.6	59.7	58.9	57.8	56.4	54.7
-77.5°	50.8	50.5	50.1	49.8	49.3	48.6	47.7	47.1	46.3	45.3	44.0
-80°	39.3	39.2	38.9	38.7	38.3	37.8	37.3	36.6	35.7	34.7	33.8
-82.5°	29.0	28.8	28.5	28.3	28.0	27.6	27.1	26.6	26.0	25.4	24.7
-85°	18.5	18.5	18.3	18.2	18.0	17.8	17.5	17.3	17.0	16.7	16.3
-87.5°	8.2	8.2	8.2	8.4	8.5	8.7	8.8	8.6	8.5	8.3	8.1
-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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.4	4.0	3.6
85°	16.6	15.6	14.4	13.1	11.9	10.7	10.2	9.7	8.9	8.0	7.1
82.5°	31.0	29.5	27.9	26.1	24.2	22.2	20.0	17.7	15.0	12.3	10.7
80°	48.9	46.4	43.6	40.6	37.3	33.7	30.8	27.6	23.6	19.8	16.1
77.5°	69.2	65.0	60.4	56.5	52.4	48.0	43.3	37.9	32.2	27.2	22.5
75°	91.9	86.6	81.1	75.1	68.7	62.3	56.7	50.1	42.4	34.8	28.7
72.5°	120.2	111.9	103.3	94.6	86.9	79.1	71.0	62.2	53.0	44.1	35.4
70°	150.4	139.0	128.3	117.7	106.7	95.8	86.5	75.5	63.5	53.2	43.3
67.5°	182.6	170.1	156.5	141.5	128.3	115.4	102.3	89.0	75.6	62.3	51.0
65°	219.2	203.4	186.4	169.9	152.4	135.2	120.5	103.0	87.4	72.7	58.5
62.5°	259.4	238.8	220.3	199.6	179.1	158.8	138.1	118.4	99.3	82.9	66.9
60°	304.9	282.3	256.3	233.2	208.4	183.6	159.0	133.3	112.5	92.8	75.5
57.5°	355.0	328.4	300.6	270.0	241.0	211.6	179.8	150.3	125.2	103.5	83.8
55°	407.3	377.5	346.1	312.5	276.6	242.7	201.8	167.7	138.0	114.2	91.5
52.5°	466.0	430.3	394.1	356.2	316.7	272.8	226.1	184.1	152.4	124.3	99.7
50°	533.6	489.0	445.9	402.3	357.3	304.6	248.8	203.8	165.9	134.6	107.4
47.5°	610.6	556.5	503.1	450.9	401.1	334.1	273.9	222.5	178.4	145.6	114.7
45°	690.4	630.8	566.2	505.7	436.6	363.9	298.3	239.7	193.6	155.1	121.3
42.5°	770.6	706.1	636.7	561.0	473.0	392.2	320.6	259.1	207.6	163.8	128.3
40°	859.6	781.0	707.0	612.4	506.2	417.9	343.5	277.3	220.2	172.7	135.3
37.5°	944.4	857.6	776.2	651.7	536.5	444.2	364.5	293.6	231.7	182.2	141.7
35°	1023.6	931.8	811.1	683.6	566.7	466.5	383.0	308.9	243.9	190.6	147.4
32.5°	1095.9	979.3	837.8	708.5	590.6	484.7	399.9	322.6	254.4	197.9	152.4
30°	1145.2	997.1	856.2	726.5	608.4	502.3	413.6	333.9	263.1	204.0	157.1
27.5°	1147.8	1005.4	866.0	737.7	620.6	515.2	424.0	342.9	270.1	209.7	162.0
25°	1138.8	1001.8	867.4	741.8	627.1	525.8	432.0	349.7	276.5	215.2	166.0
22.5°	1117.7	988.9	860.9	739.0	634.2	533.1	438.6	355.5	281.7	219.4	169.1
20°	1091.1	967.9	849.9	741.8	637.8	537.8	443.5	359.2	285.0	222.2	171.3
17.5°	1058.5	951.3	848.1	741.3	637.8	539.1	445.8	360.9	286.6	223.8	172.7
15°	1043.6	944.7	842.5	737.3	634.3	537.3	445.4	360.7	286.5	224.1	173.7
12.5°	1031.5	934.5	833.5	729.9	627.4	532.5	442.4	358.6	284.8	224.1	174.4
10°	1016.3	920.5	821.0	719.2	617.2	524.7	437.0	355.3	283.9	223.7	174.4
7.5°	997.8	902.8	805.1	705.1	605.0	516.0	431.5	351.7	282.1	222.4	173.8
5°	976.3	883.3	787.9	691.6	595.7	506.8	424.3	346.3	279.1	220.2	172.6
2.5°	952.9	863.1	768.8	675.2	584.0	495.3	415.0	339.3	274.9	217.1	170.8
0°	925.9	839.6	746.4	655.8	569.8	481.8	404.0	330.9	269.7	213.3	168.4
-2.5°	902.2	813.7	722.3	634.7	549.2	465.6	392.0	322.4	263.9	209.5	165.9
-5°	874.6	784.4	695.3	610.9	526.4	447.6	378.5	312.8	257.2	205.1	163.0
-7.5°	834.0	748.7	664.6	584.2	501.7	428.3	363.7	302.3	249.6	200.1	159.6
-10°	788.4	708.2	629.8	554.0	477.7	409.2	348.1	290.9	241.3	194.4	155.7
-12.5°	740.1	665.5	593.1	522.4	453.0	390.3	333.2	279.8	232.5	188.3	151.5
-15°	689.6	621.1	554.8	489.6	427.5	370.5	317.6	268.4	223.7	182.1	147.0
-17.5°	638.1	575.1	515.1	456.2	401.4	350.0	301.4	256.4	214.5	175.8	142.5
-20°	591.2	532.2	474.7	422.3	375.1	328.8	284.9	243.9	204.9	169.2	137.8



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	544.3	492.6	440.7	390.9	349.3	307.2	268.1	231.1	195.0	162.3	132.9
-25°	497.7	453.3	407.5	364.7	324.3	287.1	251.9	217.9	184.8	155.2	127.7
-27.5°	453.8	414.9	374.1	338.5	302.5	267.3	236.3	205.4	174.9	147.9	122.2
-30°	411.8	378.2	344.2	312.9	280.9	250.2	220.7	193.0	165.9	140.8	116.4
-32.5°	373.1	342.0	315.7	289.1	261.1	233.1	206.1	180.6	156.9	133.7	111.0
-35°	337.1	311.1	288.0	266.1	241.9	217.6	192.9	168.4	147.9	126.4	105.7
-37.5°	302.9	283.8	263.9	244.4	222.9	202.4	180.4	158.2	138.8	118.9	100.3
-40°	274.7	258.4	241.8	224.0	206.0	187.5	167.8	148.6	130.1	111.3	94.8
-42.5°	247.9	235.2	220.9	204.1	190.3	173.7	155.5	138.9	121.6	104.4	89.2
-45°	224.0	213.2	201.1	188.4	175.2	160.1	144.6	129.0	113.1	98.0	83.8
-47.5°	201.4	193.5	183.6	173.1	160.8	147.0	133.5	119.6	104.6	91.6	78.7
-50°	182.5	175.6	167.7	158.1	146.7	135.0	122.7	110.3	97.4	85.2	73.4
-52.5°	166.0	159.5	152.4	143.5	133.8	123.0	112.7	101.1	90.2	79.0	68.0
-55°	150.6	144.1	137.6	130.1	121.4	112.3	102.9	93.0	82.8	72.9	62.6
-57.5°	136.0	129.7	124.1	117.3	110.0	102.2	93.6	84.7	75.7	66.6	57.8
-60°	121.9	116.8	111.3	105.8	99.4	92.2	84.6	76.6	68.7	60.4	53.0
-62.5°	109.1	104.5	99.9	94.8	89.0	82.5	75.6	68.8	61.6	54.9	48.1
-65°	97.0	93.1	88.8	84.0	78.7	73.0	67.2	61.0	55.2	49.3	43.2
-67.5°	85.4	81.9	77.6	73.2	69.0	64.3	58.8	53.9	48.9	43.6	38.3
-70°	74.1	70.7	67.1	63.8	60.0	55.7	51.3	47.0	42.6	38.2	33.4
-72.5°	63.2	60.5	57.7	54.7	51.4	47.8	43.9	40.2	36.7	32.8	28.5
-75°	52.7	50.6	48.4	45.9	43.0	39.9	37.0	33.9	30.8	27.3	24.1
-77.5°	42.5	40.9	39.1	37.3	35.1	32.8	30.3	27.7	25.1	22.6	19.9
-80°	32.9	31.9	30.7	29.3	27.5	25.6	23.8	21.9	20.0	17.9	15.6
-82.5°	24.0	23.3	22.5	21.5	20.3	19.0	17.7	16.3	14.8	13.1	11.5
-85°	15.8	15.3	14.7	13.9	13.2	12.4	11.6	10.8	9.8	8.7	7.7
-87.5°	7.9	7.6	7.2	6.9	6.6	6.2	5.8	5.4	4.9	4.4	3.8
-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: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
85°	6.2	5.2	4.2	3.2	2.2	1.1	0.0
82.5°	9.3	7.8	6.3	4.8	3.2	1.6	0.0
80°	12.6	10.4	8.4	6.4	4.3	2.1	0.0
77.5°	17.9	13.6	10.5	8.0	5.4	2.6	0.0
75°	23.2	17.8	12.8	9.5	6.4	3.2	0.0
72.5°	28.3	22.0	16.0	11.1	7.4	3.7	0.0
70°	33.5	26.1	19.2	12.8	8.5	4.2	0.0
67.5°	40.0	30.1	22.3	15.0	9.5	4.7	0.0
65°	46.2	34.5	25.3	17.2	10.4	5.1	0.0
62.5°	52.2	39.4	28.3	19.4	11.4	5.6	0.0
60°	58.1	44.0	31.2	21.5	12.3	6.1	0.0
57.5°	64.6	48.5	34.6	23.5	13.7	6.5	0.0
55°	71.0	52.8	38.0	25.5	14.9	7.0	0.0
52.5°	77.0	57.1	41.2	27.4	16.2	7.4	0.0
50°	82.7	61.7	44.2	29.2	17.4	7.8	0.0
47.5°	88.1	66.0	47.1	31.1	18.6	8.2	0.0
45°	93.8	70.1	49.8	33.1	19.7	8.6	0.0
42.5°	99.0	73.8	52.3	35.0	20.7	8.9	0.0
40°	103.7	77.3	54.9	36.8	21.7	9.3	0.0
37.5°	108.0	80.4	57.5	38.5	22.7	9.6	0.0
35°	111.8	83.5	59.8	40.1	23.6	9.9	0.0
32.5°	115.5	86.5	61.9	41.6	24.4	10.2	0.0
30°	119.4	89.1	63.8	43.0	25.2	10.5	0.0
27.5°	122.8	91.3	65.6	44.2	25.9	10.7	0.0
25°	125.7	93.1	67.2	45.4	26.6	11.0	0.0
22.5°	128.1	94.8	68.6	46.4	27.1	11.2	0.0
20°	129.9	96.4	69.7	47.3	27.7	11.3	0.0
17.5°	131.5	97.7	70.6	48.1	28.1	11.5	0.0
15°	132.9	98.8	71.3	48.7	28.5	11.6	0.0
12.5°	133.7	99.5	71.8	49.2	28.9	11.8	0.0
10°	134.0	100.0	72.1	49.6	29.1	11.9	0.0
7.5°	133.8	100.2	72.2	49.9	29.3	11.9	0.0
5°	133.2	100.2	72.1	50.1	29.4	12.0	0.0
2.5°	132.2	99.8	71.8	50.1	29.5	12.0	0.0
0°	130.8	99.2	71.4	50.0	29.5	12.0	0.0
-2.5°	129.3	98.3	71.1	49.8	29.4	12.0	0.0
-5°	127.5	97.1	70.5	49.4	29.3	12.0	0.0
-7.5°	125.3	95.6	69.9	49.0	29.1	12.0	0.0
-10°	122.8	94.0	69.0	48.4	28.8	11.9	0.0
-12.5°	119.9	92.1	68.1	47.8	28.5	11.9	0.0
-15°	116.8	90.1	66.9	47.0	28.1	11.8	0.0
-17.5°	113.5	87.9	65.6	46.1	27.7	11.6	0.0
-20°	110.0	85.5	64.2	45.1	27.2	11.5	0.0



REPORT NUMBER: P558554 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	106.4	83.0	62.6	44.1	26.6	11.3	0.0
-25°	102.7	80.5	60.9	42.9	26.0	11.1	0.0
-27.5°	98.8	77.9	59.1	41.7	25.4	10.9	0.0
-30°	94.7	75.1	57.1	40.3	24.6	10.7	0.0
-32.5°	90.5	72.2	55.1	38.9	23.9	10.4	0.0
-35°	86.5	69.1	52.9	37.4	23.1	10.1	0.0
-37.5°	82.6	66.0	50.6	35.9	22.3	9.8	0.0
-40°	78.5	63.0	48.3	34.2	21.4	9.5	0.0
-42.5°	74.3	59.9	46.0	32.5	20.5	9.2	0.0
-45°	70.0	56.8	43.6	30.8	19.5	8.8	0.0
-47.5°	65.6	53.5	41.2	29.0	18.5	8.4	0.0
-50°	61.5	50.2	38.7	27.4	17.5	8.0	0.0
-52.5°	57.5	46.8	36.1	25.8	16.4	7.6	0.0
-55°	53.3	43.4	33.5	24.2	15.4	7.2	0.0
-57.5°	49.2	40.1	30.8	22.5	14.2	6.7	0.0
-60°	44.9	36.7	28.0	20.8	13.1	6.3	0.0
-62.5°	40.8	33.2	25.7	19.0	12.1	5.8	0.0
-65°	36.6	29.6	23.4	17.2	11.1	5.3	0.0
-67.5°	32.4	26.3	21.0	15.4	10.1	4.8	0.0
-70°	28.1	23.3	18.5	13.6	9.0	4.3	0.0
-72.5°	24.3	20.3	16.0	11.9	8.0	3.8	0.0
-75°	20.7	17.2	13.5	10.2	6.9	3.3	0.0
-77.5°	17.0	14.0	11.3	8.5	5.7	2.7	0.0
-80°	13.3	11.1	9.0	6.8	4.6	2.2	0.0
-82.5°	9.9	8.4	6.8	5.1	3.5	1.6	0.0
-85°	6.6	5.6	4.5	3.4	2.3	1.1	0.0
-87.5°	3.3	2.8	2.3	1.7	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)