

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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5C-927-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

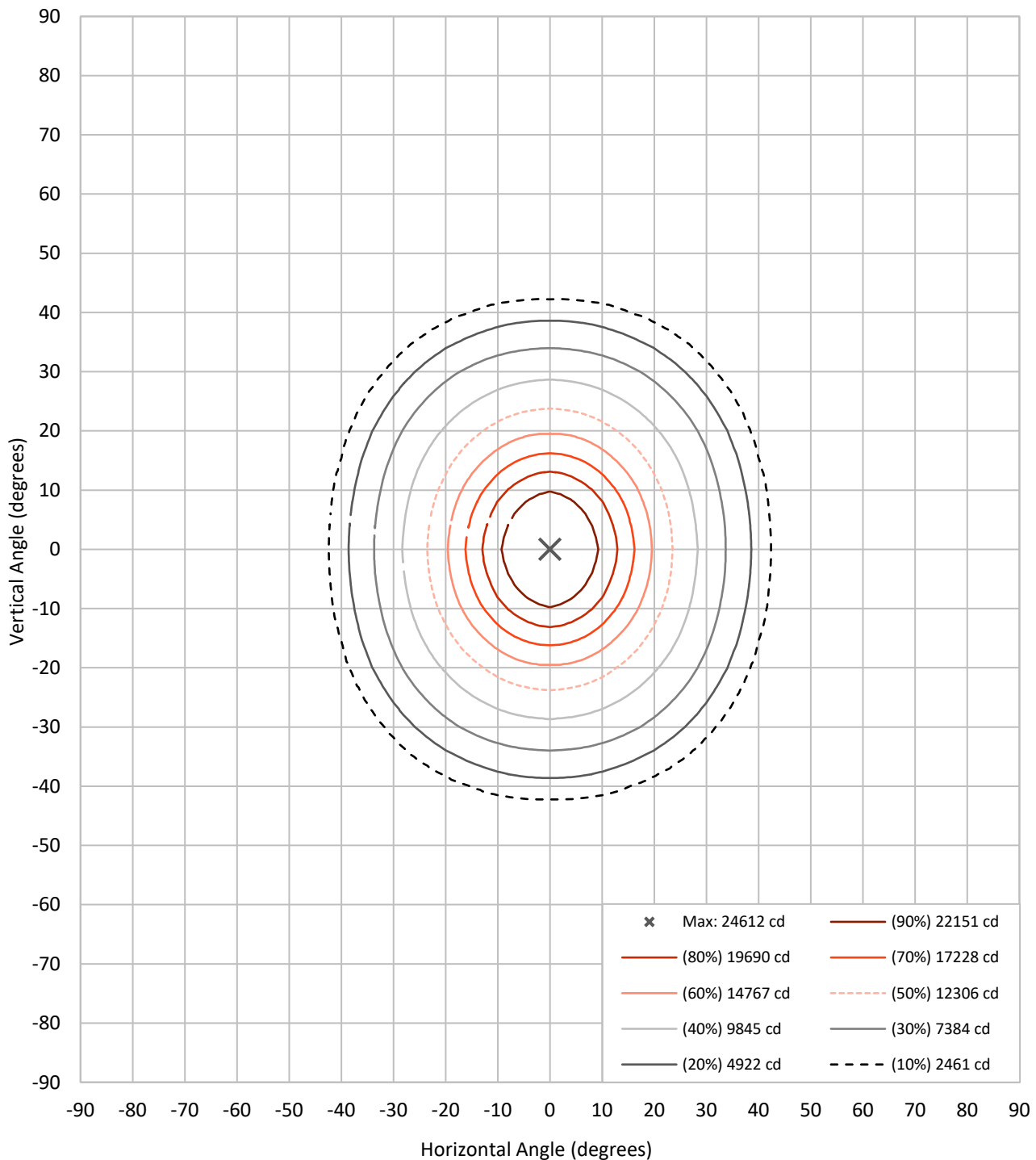
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	19159.1 lumens	Max Intensity:	24612 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	9040.5 lumens	Field Lumens:	17396.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 201  
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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

### Iso-Candela Plot





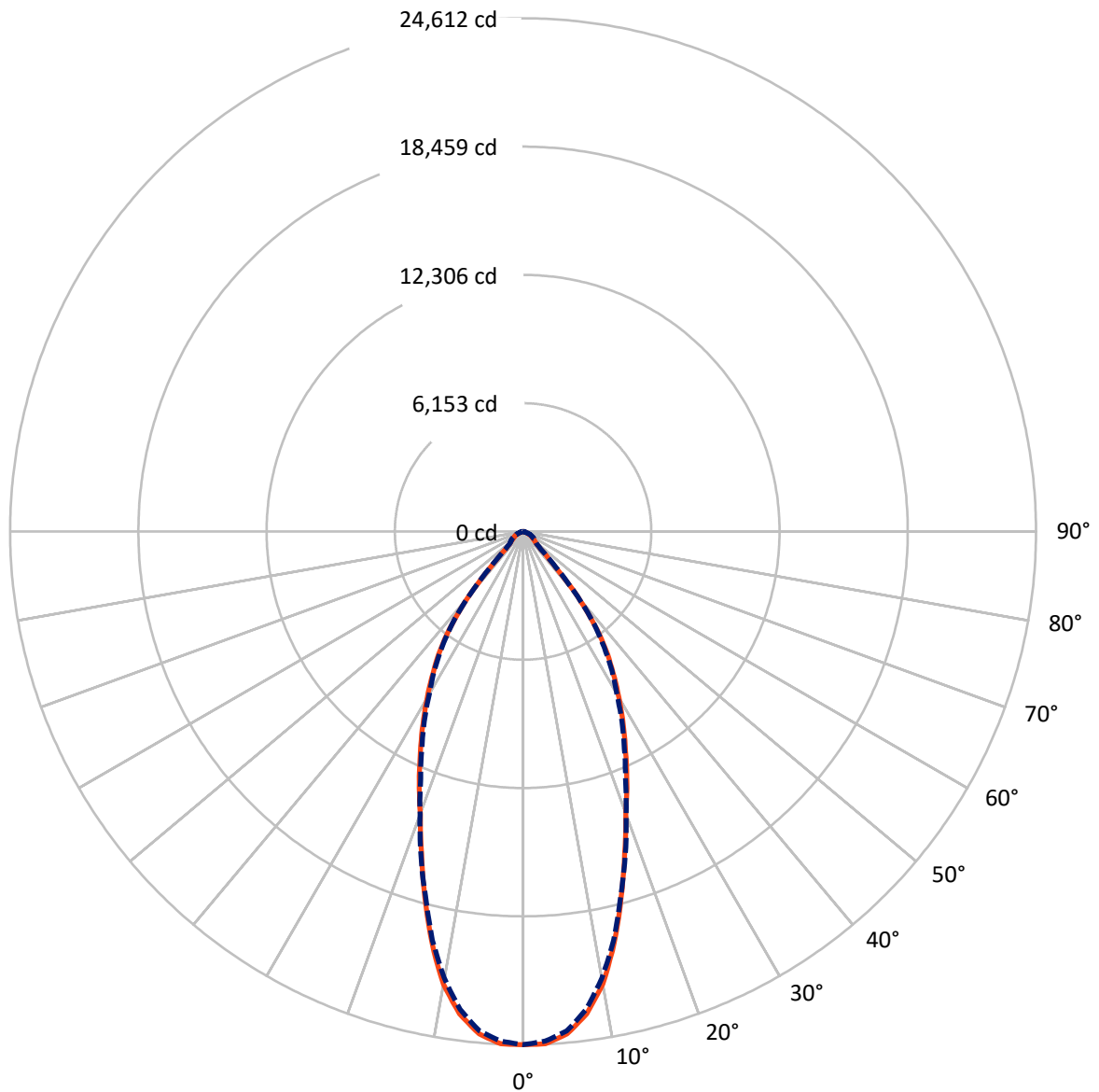
REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

### Lumen Table

90																			
80	0.3	2.3		5.3		8.6		6.7		8.6		5.3		2.3		0.3			
70																			
60	1.3	1.5	2.8	4.3	6.1	7.6	8.8	9.5	9.5	8.8	7.6	6.1	4.3	2.8	1.5	1.3			
50		2.3	4.6	7.7	11.0	13.7	15.7	17.3	17.3	15.7	13.7	11.0	7.7	4.6	2.3				
40	2.0	3.1	6.4	10.8	15.7	21.5	34.0	47.7	47.7	34.0	21.5	15.7	10.8	6.4	3.1	2.0			
30		3.7	8.0	13.4	25.2	80.7	157.2	200.3	200.3	157.2	80.7	25.2	13.4	8.0	3.7				
20	2.3	4.3	9.4	16.8	73.8	192.9	284.6	344.7	344.7	284.6	192.9	73.8	16.8	9.4	4.3	2.3			
10		4.9	10.4	25.8	134.2	266.2	404.5	526.5	526.5	404.5	266.2	134.2	25.8	10.4	4.9				
0	2.3	5.2	11.3	35.6	163.5	310.7	508.8	688.1	688.1	508.8	310.7	163.5	35.6	11.3	5.2	2.3			
-10		5.2	11.3	35.6	163.5	310.7	508.8	688.1	688.1	508.8	310.7	163.5	35.6	11.3	5.2				
-20	2.3	4.9	10.4	25.8	134.2	266.2	404.5	526.5	526.5	404.5	266.2	134.2	25.8	10.4	4.9	2.3			
-30		4.3	9.4	16.8	73.8	192.9	284.6	344.7	344.7	284.6	192.9	73.8	16.8	9.4	4.3				
-40	2.0	3.7	8.0	13.4	25.2	80.7	157.2	200.3	200.3	157.2	80.7	25.2	13.4	8.0	3.7	2.0			
-50		3.1	6.4	10.8	15.7	21.5	34.0	47.7	47.7	34.0	21.5	15.7	10.8	6.4	3.1				
-60	1.3	2.3	4.6	7.7	11.0	13.7	15.7	17.3	17.3	15.7	13.7	11.0	7.7	4.6	2.3	1.3			
-70		1.5	2.8	4.3	6.1	7.6	8.8	9.5	9.5	8.8	7.6	6.1	4.3	2.8	1.5				
-80																			
-90	0.3	2.3		5.3		8.6		6.7		8.6		5.3		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

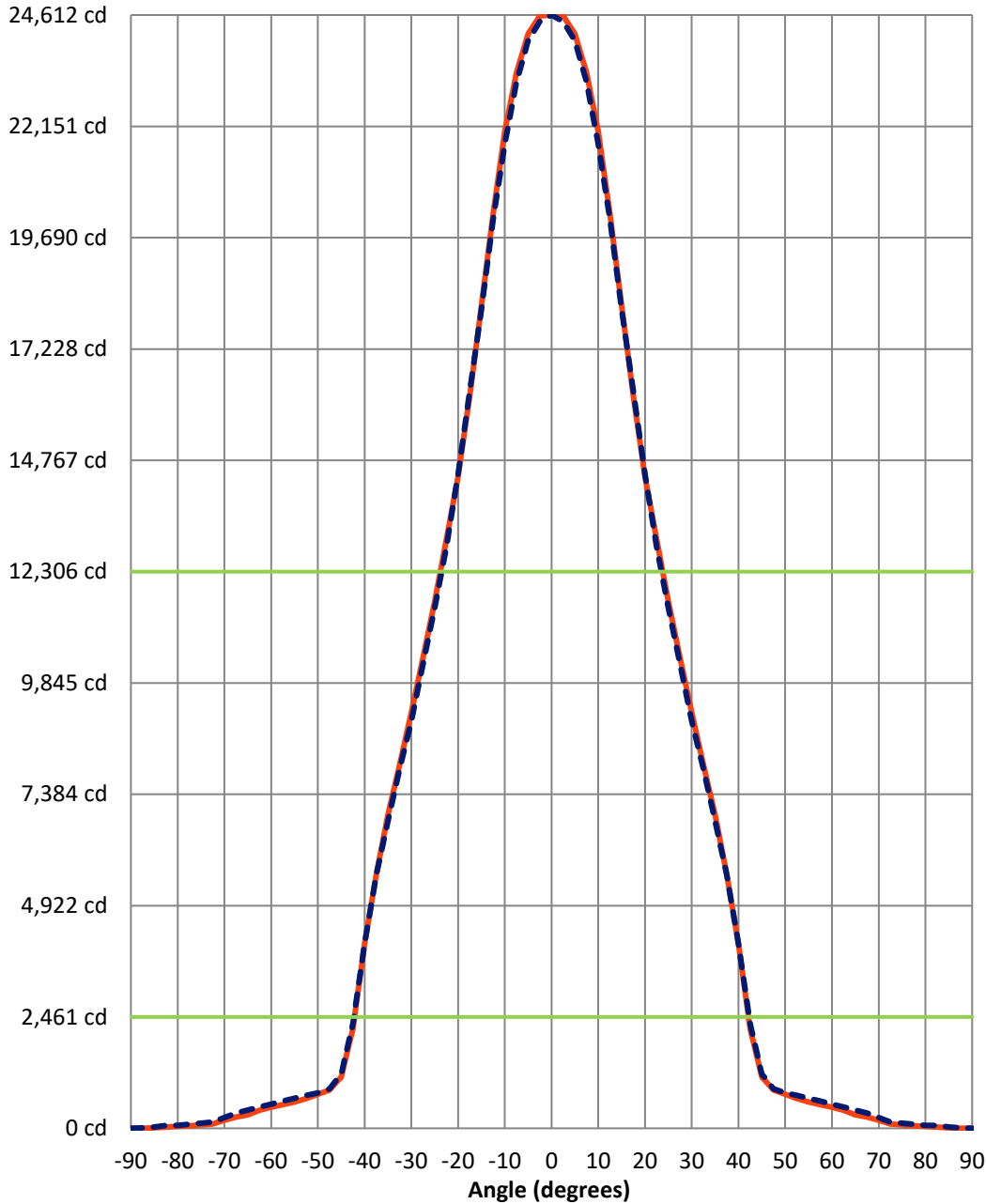
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 9040.5  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 17396.4  
Efficiency: 90.8%

**Spill:**  
Lumens: 1762.7  
Efficiency: 9.2%

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



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.7
85°	0.0	0.8	1.6	2.6	3.8	5.2	6.7	7.5	8.2	8.8	9.4
82.5°	0.0	1.2	2.4	3.9	5.7	7.7	10.0	11.2	12.7	15.2	17.1
80°	0.0	1.6	3.2	5.2	7.6	10.3	13.8	18.3	21.8	24.6	26.5
77.5°	0.0	2.0	4.0	6.5	9.4	14.0	21.6	27.0	31.1	34.1	36.9
75°	0.0	2.4	4.8	7.8	11.7	20.0	29.3	35.8	40.6	45.7	49.6
72.5°	0.0	2.8	5.5	9.0	16.1	25.8	36.8	45.2	52.4	58.1	62.5
70°	0.0	3.1	6.3	10.5	20.3	31.5	44.4	56.2	64.2	70.7	80.9
67.5°	0.0	3.5	7.0	13.4	24.5	37.1	53.1	67.1	76.1	86.7	100.1
65°	0.0	3.9	7.8	16.2	28.4	43.0	61.5	78.2	88.7	102.0	118.0
62.5°	0.0	4.2	8.5	18.9	32.3	49.2	69.6	88.1	100.6	116.7	134.7
60°	0.0	4.6	9.2	21.5	36.0	55.2	77.2	97.2	111.9	131.6	151.1
57.5°	0.0	4.9	10.8	24.0	40.2	60.8	82.4	105.3	124.6	146.3	165.4
55°	0.0	5.3	12.4	26.3	44.2	66.1	86.8	111.2	137.4	160.1	178.7
52.5°	0.0	5.6	13.9	28.6	47.9	70.7	90.6	119.2	150.0	171.9	191.6
50°	0.0	5.9	15.4	30.7	51.4	73.0	93.7	126.6	161.6	183.3	205.9
47.5°	0.0	6.2	16.8	32.7	54.7	74.8	96.6	133.1	171.6	194.5	220.0
45°	0.0	6.5	18.2	34.9	57.6	76.2	101.2	138.7	176.7	206.6	233.4
42.5°	0.0	6.8	19.4	36.9	60.3	77.1	105.2	142.7	180.7	218.2	247.2
40°	0.0	7.0	20.7	39.1	61.7	77.5	108.4	145.3	184.1	228.4	260.6
37.5°	0.0	7.3	21.8	41.3	61.9	77.5	110.9	147.1	187.9	233.4	273.3
35°	0.0	7.5	22.9	43.4	61.8	78.5	112.7	148.2	191.0	240.9	285.6
32.5°	0.0	7.8	23.9	45.5	61.5	79.7	113.6	148.4	193.6	250.0	296.7
30°	0.0	8.0	24.8	47.5	60.8	80.4	113.5	148.4	195.6	260.6	307.7
27.5°	0.0	8.2	25.6	49.4	61.5	80.6	112.8	149.4	199.4	272.4	318.5
25°	0.0	8.3	26.4	51.2	62.2	80.3	111.6	149.8	207.4	282.4	329.1
22.5°	0.0	8.5	27.1	53.0	62.8	80.5	109.8	149.6	215.8	290.5	342.0
20°	0.0	8.6	27.7	54.6	63.3	82.6	107.5	148.8	224.2	298.2	353.8
17.5°	0.0	8.8	28.2	56.1	63.7	84.4	107.7	147.4	232.7	305.3	364.3
15°	0.0	8.9	28.6	57.5	64.0	86.0	109.3	147.0	240.7	311.7	373.6
12.5°	0.0	9.0	29.0	58.8	64.3	87.4	110.5	147.6	246.3	317.4	381.5
10°	0.0	9.1	29.3	59.9	64.5	88.5	111.5	147.2	248.6	322.2	388.3
7.5°	0.0	9.1	29.5	60.9	64.6	89.4	112.3	146.0	248.8	326.8	394.0
5°	0.0	9.2	29.6	61.7	64.7	90.0	112.7	144.1	247.1	331.0	398.3
2.5°	0.0	9.2	29.6	62.3	64.7	90.4	112.8	141.6	243.6	334.3	401.3
0°	0.0	9.2	29.6	62.8	64.7	90.5	112.7	138.6	238.4	336.3	402.8
-2.5°	0.0	9.2	29.6	62.3	64.7	90.4	112.8	141.6	243.6	334.3	401.3
-5°	0.0	9.2	29.6	61.7	64.7	90.0	112.7	144.1	247.1	331.0	398.3
-7.5°	0.0	9.1	29.5	60.9	64.6	89.4	112.3	146.0	248.8	326.8	394.0
-10°	0.0	9.1	29.3	59.9	64.5	88.5	111.5	147.2	248.6	322.2	388.3
-12.5°	0.0	9.0	29.0	58.8	64.3	87.4	110.5	147.6	246.3	317.4	381.5
-15°	0.0	8.9	28.6	57.5	64.0	86.0	109.3	147.0	240.7	311.7	373.6
-17.5°	0.0	8.8	28.2	56.1	63.7	84.4	107.7	147.4	232.7	305.3	364.3
-20°	0.0	8.6	27.7	54.6	63.3	82.6	107.5	148.8	224.2	298.2	353.8



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.5	27.1	53.0	62.8	80.5	109.8	149.6	215.8	290.5	342.0
-25°	0.0	8.3	26.4	51.2	62.2	80.3	111.6	149.8	207.4	282.4	329.1
-27.5°	0.0	8.2	25.6	49.4	61.5	80.6	112.8	149.4	199.4	272.4	318.5
-30°	0.0	8.0	24.8	47.5	60.8	80.4	113.5	148.4	195.6	260.6	307.7
-32.5°	0.0	7.8	23.9	45.5	61.5	79.7	113.6	148.4	193.6	250.0	296.7
-35°	0.0	7.5	22.9	43.4	61.8	78.5	112.7	148.2	191.0	240.9	285.6
-37.5°	0.0	7.3	21.8	41.3	61.9	77.5	110.9	147.1	187.9	233.4	273.3
-40°	0.0	7.0	20.7	39.1	61.7	77.5	108.4	145.3	184.1	228.4	260.6
-42.5°	0.0	6.8	19.4	36.9	60.3	77.1	105.2	142.7	180.7	218.2	247.2
-45°	0.0	6.5	18.2	34.9	57.6	76.2	101.2	138.7	176.7	206.6	233.4
-47.5°	0.0	6.2	16.8	32.7	54.7	74.8	96.6	133.1	171.6	194.5	220.0
-50°	0.0	5.9	15.4	30.7	51.4	73.0	93.7	126.6	161.6	183.3	205.9
-52.5°	0.0	5.6	13.9	28.6	47.9	70.7	90.6	119.2	150.0	171.9	191.6
-55°	0.0	5.3	12.4	26.3	44.2	66.1	86.8	111.2	137.4	160.1	178.7
-57.5°	0.0	4.9	10.8	24.0	40.2	60.8	82.4	105.3	124.6	146.3	165.4
-60°	0.0	4.6	9.2	21.5	36.0	55.2	77.2	97.2	111.9	131.6	151.1
-62.5°	0.0	4.2	8.5	18.9	32.3	49.2	69.6	88.1	100.6	116.7	134.7
-65°	0.0	3.9	7.8	16.2	28.4	43.0	61.5	78.2	88.7	102.0	118.0
-67.5°	0.0	3.5	7.0	13.4	24.5	37.1	53.1	67.1	76.1	86.7	100.1
-70°	0.0	3.1	6.3	10.5	20.3	31.5	44.4	56.2	64.2	70.7	80.9
-72.5°	0.0	2.8	5.5	9.0	16.1	25.8	36.8	45.2	52.4	58.1	62.5
-75°	0.0	2.4	4.8	7.8	11.7	20.0	29.3	35.8	40.6	45.7	49.6
-77.5°	0.0	2.0	4.0	6.5	9.4	14.0	21.6	27.0	31.1	34.1	36.9
-80°	0.0	1.6	3.2	5.2	7.6	10.3	13.8	18.3	21.8	24.6	26.5
-82.5°	0.0	1.2	2.4	3.9	5.7	7.7	10.0	11.2	12.7	15.2	17.1
-85°	0.0	0.8	1.6	2.6	3.8	5.2	6.7	7.5	8.2	8.8	9.4
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.1	4.4	4.7
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	4.7	4.6	4.5	4.2	3.9	3.6	3.1	2.6	2.7	2.8	2.9
85°	9.4	9.3	10.0	10.7	10.9	10.9	10.5	9.9	11.3	13.0	14.8
82.5°	18.7	20.4	21.9	23.4	23.5	22.9	22.1	21.2	24.4	28.4	32.7
80°	28.9	31.4	35.0	38.7	39.7	39.4	38.1	36.1	40.6	47.1	54.5
77.5°	41.4	46.4	51.4	56.5	57.8	56.7	54.3	50.5	56.2	66.8	78.6
75°	54.9	61.3	69.3	75.6	76.9	74.7	71.0	67.7	74.7	87.8	100.5
72.5°	71.7	82.1	90.0	95.6	96.0	94.0	92.2	90.5	98.2	113.8	126.8
70°	93.1	103.6	109.7	113.1	113.9	115.2	120.4	125.4	133.0	146.4	157.1
67.5°	114.4	122.7	128.3	132.3	140.3	147.8	155.0	162.5	171.1	182.4	190.5
65°	133.3	141.8	149.2	158.7	170.3	179.5	189.2	199.7	211.6	222.2	230.0
62.5°	152.1	161.1	171.4	184.1	197.6	209.9	224.1	238.7	252.8	264.9	278.2
60°	167.4	179.6	193.4	208.6	224.8	243.6	260.7	277.5	293.0	308.2	326.8
57.5°	182.0	198.5	215.4	233.7	255.0	277.7	297.9	316.3	335.7	357.6	375.9
55°	197.4	218.1	237.5	259.6	285.0	312.4	334.4	355.3	379.1	405.5	426.0
52.5°	214.0	236.9	259.7	286.2	316.7	344.0	367.1	393.1	422.1	450.7	474.4
50°	230.1	255.4	281.8	315.5	345.8	371.9	400.5	431.9	462.1	491.4	519.5
47.5°	246.3	273.3	308.4	342.8	371.3	401.8	435.2	467.4	499.2	529.8	559.2
45°	262.2	294.2	333.2	365.9	397.5	432.6	467.1	500.8	534.3	566.8	599.0
42.5°	277.6	314.8	354.0	388.2	424.6	461.2	497.3	533.0	568.4	603.2	637.5
40°	294.3	333.5	374.8	412.1	450.1	488.3	526.2	564.0	601.3	638.2	674.6
37.5°	309.7	352.9	395.9	435.0	474.1	514.0	553.8	593.9	633.1	671.6	713.0
35°	323.5	372.5	415.9	457.0	497.9	538.4	580.6	622.6	664.0	705.8	758.6
32.5°	339.1	392.2	434.8	478.1	520.4	562.2	606.0	650.5	694.6	743.3	819.2
30°	356.5	408.8	452.8	498.2	541.6	585.5	630.7	677.2	723.6	799.4	974.7
27.5°	373.5	423.9	470.2	516.7	561.4	607.0	654.4	702.5	767.1	883.7	1168.1
25°	389.2	438.5	486.6	533.7	579.8	627.0	676.1	726.1	813.8	1049.2	1677.5
22.5°	402.5	452.6	502.5	549.2	596.4	645.3	696.2	762.6	898.1	1216.4	2244.3
20°	413.8	466.0	517.0	565.5	612.0	661.5	714.5	797.3	1026.2	1693.5	2923.7
17.5°	424.4	478.1	530.4	581.0	629.9	678.4	732.8	827.3	1141.5	2108.2	3606.7
15°	434.0	489.0	542.8	595.6	646.2	696.7	761.6	912.6	1374.8	2519.9	4215.2
12.5°	442.7	498.6	554.1	609.1	660.8	713.0	787.5	997.4	1660.5	3002.9	4630.4
10°	450.4	506.8	564.3	621.4	673.7	727.3	809.5	1067.0	1895.4	3400.1	4964.1
7.5°	457.4	514.7	573.6	632.3	684.9	739.6	827.3	1121.3	2076.8	3699.3	5230.3
5°	463.4	522.5	584.8	644.1	698.8	753.0	842.7	1160.3	2204.3	3900.9	5424.2
2.5°	468.0	529.0	594.4	654.6	714.3	769.2	860.3	1189.1	2286.5	4029.2	5548.3
0°	471.2	534.0	602.4	663.3	728.0	783.4	874.0	1202.9	2317.1	4076.1	5595.0
-2.5°	468.0	529.0	594.4	654.6	714.3	769.2	860.3	1189.1	2286.5	4029.2	5548.3
-5°	463.4	522.5	584.8	644.1	698.8	753.0	842.7	1160.3	2204.3	3900.9	5424.2
-7.5°	457.4	514.7	573.6	632.3	684.9	739.6	827.3	1121.3	2076.8	3699.3	5230.3
-10°	450.4	506.8	564.3	621.4	673.7	727.3	809.5	1067.0	1895.4	3400.1	4964.1
-12.5°	442.7	498.6	554.1	609.1	660.8	713.0	787.5	997.4	1660.5	3002.9	4630.4
-15°	434.0	489.0	542.8	595.6	646.2	696.7	761.6	912.6	1374.8	2519.9	4215.2
-17.5°	424.4	478.1	530.4	581.0	629.9	678.4	732.8	827.3	1141.5	2108.2	3606.7
-20°	413.8	466.0	517.0	565.5	612.0	661.5	714.5	797.3	1026.2	1693.5	2923.7



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	402.5	452.6	502.5	549.2	596.4	645.3	696.2	762.6	898.1	1216.4	2244.3
-25°	389.2	438.5	486.6	533.7	579.8	627.0	676.1	726.1	813.8	1049.2	1677.5
-27.5°	373.5	423.9	470.2	516.7	561.4	607.0	654.4	702.5	767.1	883.7	1168.1
-30°	356.5	408.8	452.8	498.2	541.6	585.5	630.7	677.2	723.6	799.4	974.7
-32.5°	339.1	392.2	434.8	478.1	520.4	562.2	606.0	650.5	694.6	743.3	819.2
-35°	323.5	372.5	415.9	457.0	497.9	538.4	580.6	622.6	664.0	705.8	758.6
-37.5°	309.7	352.9	395.9	435.0	474.1	514.0	553.8	593.9	633.1	671.6	713.0
-40°	294.3	333.5	374.8	412.1	450.1	488.3	526.2	564.0	601.3	638.2	674.6
-42.5°	277.6	314.8	354.0	388.2	424.6	461.2	497.3	533.0	568.4	603.2	637.5
-45°	262.2	294.2	333.2	365.9	397.5	432.6	467.1	500.8	534.3	566.8	599.0
-47.5°	246.3	273.3	308.4	342.8	371.3	401.8	435.2	467.4	499.2	529.8	559.2
-50°	230.1	255.4	281.8	315.5	345.8	371.9	400.5	431.9	462.1	491.4	519.5
-52.5°	214.0	236.9	259.7	286.2	316.7	344.0	367.1	393.1	422.1	450.7	474.4
-55°	197.4	218.1	237.5	259.6	285.0	312.4	334.4	355.3	379.1	405.5	426.0
-57.5°	182.0	198.5	215.4	233.7	255.0	277.7	297.9	316.3	335.7	357.6	375.9
-60°	167.4	179.6	193.4	208.6	224.8	243.6	260.7	277.5	293.0	308.2	326.8
-62.5°	152.1	161.1	171.4	184.1	197.6	209.9	224.1	238.7	252.8	264.9	278.2
-65°	133.3	141.8	149.2	158.7	170.3	179.5	189.2	199.7	211.6	222.2	230.0
-67.5°	114.4	122.7	128.3	132.3	140.3	147.8	155.0	162.5	171.1	182.4	190.5
-70°	93.1	103.6	109.7	113.1	113.9	115.2	120.4	125.4	133.0	146.4	157.1
-72.5°	71.7	82.1	90.0	95.6	96.0	94.0	92.2	90.5	98.2	113.8	126.8
-75°	54.9	61.3	69.3	75.6	76.9	74.7	71.0	67.7	74.7	87.8	100.5
-77.5°	41.4	46.4	51.4	56.5	57.8	56.7	54.3	50.5	56.2	66.8	78.6
-80°	28.9	31.4	35.0	38.7	39.7	39.4	38.1	36.1	40.6	47.1	54.5
-82.5°	18.7	20.4	21.9	23.4	23.5	22.9	22.1	21.2	24.4	28.4	32.7
-85°	9.4	9.3	10.0	10.7	10.9	10.9	10.5	9.9	11.3	13.0	14.8
-87.5°	4.7	4.6	4.5	4.2	3.9	3.6	3.1	2.6	2.7	2.8	2.9
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	2.7
85°	16.6	16.1	15.2	14.1	12.8	13.5	14.2	15.0	15.7	14.7	13.5
82.5°	37.2	37.8	37.8	37.7	37.5	39.1	40.6	42.0	43.2	39.9	36.0
80°	62.8	65.8	67.5	69.1	70.5	70.6	69.6	68.0	65.7	60.1	53.9
77.5°	90.7	95.4	97.8	100.2	102.6	103.5	104.0	104.7	105.3	95.5	83.1
75°	112.6	119.6	123.6	127.4	130.9	132.9	134.0	134.7	135.0	123.2	108.1
72.5°	137.3	144.2	149.0	153.7	158.0	160.9	162.5	163.8	164.6	154.4	139.8
70°	164.6	170.0	175.8	181.6	186.9	190.6	193.0	194.9	196.3	195.4	194.6
67.5°	196.9	201.6	208.7	214.2	219.8	223.8	227.9	231.2	233.7	236.4	239.5
65°	237.3	248.7	259.0	264.3	265.1	270.8	280.2	286.3	289.2	291.7	294.7
62.5°	293.5	307.4	314.8	323.6	335.1	345.6	349.7	355.2	361.7	369.6	378.6
60°	341.8	353.3	365.1	377.3	387.7	396.5	406.0	415.5	424.1	432.0	439.7
57.5°	391.1	403.6	415.7	430.0	440.0	445.9	455.2	466.5	475.2	482.1	492.4
55°	442.2	458.4	474.8	487.7	497.1	503.3	510.3	521.3	527.8	530.3	542.2
52.5°	493.6	512.8	532.9	548.1	558.1	567.4	576.0	585.6	592.2	595.3	607.0
50°	541.2	564.0	586.5	606.3	619.6	635.0	652.5	661.2	666.8	673.0	686.1
47.5°	586.5	612.0	636.1	658.4	677.6	695.0	710.1	724.7	746.0	763.1	779.9
45°	630.0	657.3	683.4	708.4	729.8	763.9	796.2	823.8	897.6	959.6	1006.8
42.5°	671.0	703.9	733.3	775.0	820.3	898.9	1020.2	1132.6	1350.1	1630.2	1864.1
40°	713.8	756.4	809.1	890.2	1043.6	1201.3	1672.9	2093.0	2506.3	2976.3	3379.1
37.5°	763.7	827.9	982.3	1165.5	1657.4	2201.6	2869.8	3525.8	4097.0	4585.7	4993.8
35°	829.7	1028.2	1316.7	1984.3	2711.1	3603.2	4373.4	4990.3	5554.6	6007.4	6348.3
32.5°	1024.4	1387.5	2149.6	3067.8	4067.5	4929.4	5679.6	6270.3	6785.1	7190.9	7506.9
30°	1309.4	2144.0	3179.0	4278.8	5274.5	6097.4	6790.6	7353.6	7813.1	8226.1	8572.8
27.5°	1986.8	3060.7	4277.3	5398.9	6304.7	7075.1	7696.9	8254.6	8761.2	9196.0	9606.0
25°	2728.1	4057.5	5284.6	6305.5	7150.7	7873.5	8529.3	9139.4	9706.5	10215.5	10692.3
22.5°	3618.3	4944.1	6116.9	7061.8	7880.8	8623.3	9319.9	9998.9	10659.0	11280.1	11857.0
20°	4424.3	5725.5	6748.2	7691.8	8542.7	9316.4	10084.2	10875.5	11637.4	12385.5	13080.2
17.5°	5052.4	6262.9	7289.6	8246.0	9112.1	9988.4	10867.0	11776.0	12694.9	13563.7	14394.7
15°	5576.8	6711.2	7751.6	8708.0	9660.3	10627.1	11608.6	12679.4	13772.5	14812.4	15871.6
12.5°	5948.6	7085.2	8140.1	9099.7	10167.3	11216.9	12359.5	13579.8	14842.2	16053.5	17354.6
10°	6247.5	7383.7	8429.6	9464.3	10594.2	11758.0	13039.5	14383.5	15890.0	17324.3	18726.1
7.5°	6504.0	7632.7	8662.3	9761.7	10949.5	12228.5	13622.3	15141.9	16772.1	18368.1	20036.8
5°	6691.6	7802.4	8843.0	10005.4	11222.5	12572.3	14071.8	15695.6	17443.9	19192.7	20842.8
2.5°	6790.9	7899.2	8955.4	10156.6	11382.6	12780.6	14342.3	16063.4	17910.0	19818.2	21445.2
0°	6788.6	7939.8	8998.5	10258.7	11500.4	12843.7	14458.6	16299.0	18100.6	20083.2	21753.6
-2.5°	6790.9	7899.2	8955.4	10156.6	11382.6	12780.6	14342.3	16063.4	17910.0	19818.2	21445.2
-5°	6691.6	7802.4	8843.0	10005.4	11222.5	12572.3	14071.8	15695.6	17443.9	19192.7	20842.8
-7.5°	6504.0	7632.7	8662.3	9761.7	10949.5	12228.5	13622.3	15141.9	16772.1	18368.1	20036.8
-10°	6247.5	7383.7	8429.6	9464.3	10594.2	11758.0	13039.5	14383.5	15890.0	17324.3	18726.1
-12.5°	5948.6	7085.2	8140.1	9099.7	10167.3	11216.9	12359.5	13579.8	14842.2	16053.5	17354.6
-15°	5576.8	6711.2	7751.6	8708.0	9660.3	10627.1	11608.6	12679.4	13772.5	14812.4	15871.6
-17.5°	5052.4	6262.9	7289.6	8246.0	9112.1	9988.4	10867.0	11776.0	12694.9	13563.7	14394.7
-20°	4424.3	5725.5	6748.2	7691.8	8542.7	9316.4	10084.2	10875.5	11637.4	12385.5	13080.2



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3618.3	4944.1	6116.9	7061.8	7880.8	8623.3	9319.9	9998.9	10659.0	11280.1	11857.0
-25°	2728.1	4057.5	5284.6	6305.5	7150.7	7873.5	8529.3	9139.4	9706.5	10215.5	10692.3
-27.5°	1986.8	3060.7	4277.3	5398.9	6304.7	7075.1	7696.9	8254.6	8761.2	9196.0	9606.0
-30°	1309.4	2144.0	3179.0	4278.8	5274.5	6097.4	6790.6	7353.6	7813.1	8226.1	8572.8
-32.5°	1024.4	1387.5	2149.6	3067.8	4067.5	4929.4	5679.6	6270.3	6785.1	7190.9	7506.9
-35°	829.7	1028.2	1316.7	1984.3	2711.1	3603.2	4373.4	4990.3	5554.6	6007.4	6348.3
-37.5°	763.7	827.9	982.3	1165.5	1657.4	2201.6	2869.8	3525.8	4097.0	4585.7	4993.8
-40°	713.8	756.4	809.1	890.2	1043.6	1201.3	1672.9	2093.0	2506.3	2976.3	3379.1
-42.5°	671.0	703.9	733.3	775.0	820.3	898.9	1020.2	1132.6	1350.1	1630.2	1864.1
-45°	630.0	657.3	683.4	708.4	729.8	763.9	796.2	823.8	897.6	959.6	1006.8
-47.5°	586.5	612.0	636.1	658.4	677.6	695.0	710.1	724.7	746.0	763.1	779.9
-50°	541.2	564.0	586.5	606.3	619.6	635.0	652.5	661.2	666.8	673.0	686.1
-52.5°	493.6	512.8	532.9	548.1	558.1	567.4	576.0	585.6	592.2	595.3	607.0
-55°	442.2	458.4	474.8	487.7	497.1	503.3	510.3	521.3	527.8	530.3	542.2
-57.5°	391.1	403.6	415.7	430.0	440.0	445.9	455.2	466.5	475.2	482.1	492.4
-60°	341.8	353.3	365.1	377.3	387.7	396.5	406.0	415.5	424.1	432.0	439.7
-62.5°	293.5	307.4	314.8	323.6	335.1	345.6	349.7	355.2	361.7	369.6	378.6
-65°	237.3	248.7	259.0	264.3	265.1	270.8	280.2	286.3	289.2	291.7	294.7
-67.5°	196.9	201.6	208.7	214.2	219.8	223.8	227.9	231.2	233.7	236.4	239.5
-70°	164.6	170.0	175.8	181.6	186.9	190.6	193.0	194.9	196.3	195.4	194.6
-72.5°	137.3	144.2	149.0	153.7	158.0	160.9	162.5	163.8	164.6	154.4	139.8
-75°	112.6	119.6	123.6	127.4	130.9	132.9	134.0	134.7	135.0	123.2	108.1
-77.5°	90.7	95.4	97.8	100.2	102.6	103.5	104.0	104.7	105.3	95.5	83.1
-80°	62.8	65.8	67.5	69.1	70.5	70.6	69.6	68.0	65.7	60.1	53.9
-82.5°	37.2	37.8	37.8	37.7	37.5	39.1	40.6	42.0	43.2	39.9	36.0
-85°	16.6	16.1	15.2	14.1	12.8	13.5	14.2	15.0	15.7	14.7	13.5
-87.5°	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.5	3.6	3.2	2.7
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
85°	12.3	11.0	11.1	11.1	11.1	11.0	12.3	13.5	14.7	15.7	15.0
82.5°	31.9	27.6	27.7	27.7	27.7	27.6	31.9	36.0	39.9	43.2	42.0
80°	47.4	40.7	41.5	42.5	41.5	40.7	47.4	53.9	60.1	65.7	68.0
77.5°	69.8	55.8	55.3	55.4	55.3	55.8	69.8	83.1	95.5	105.3	104.7
75°	92.5	76.5	75.7	75.8	75.7	76.5	92.5	108.1	123.2	135.0	134.7
72.5°	124.9	109.6	102.7	96.1	102.7	109.6	124.9	139.8	154.4	164.6	163.8
70°	194.8	195.2	188.4	179.2	188.4	195.2	194.8	194.6	195.4	196.3	194.9
67.5°	242.1	244.1	246.9	249.4	246.9	244.1	242.1	239.5	236.4	233.7	231.2
65°	296.1	295.9	297.0	297.5	297.0	295.9	296.1	294.7	291.7	289.2	286.3
62.5°	386.4	392.6	396.9	399.1	396.9	392.6	386.4	378.6	369.6	361.7	355.2
60°	446.1	451.2	458.4	465.6	458.4	451.2	446.1	439.7	432.0	424.1	415.5
57.5°	502.0	510.6	517.7	522.9	517.7	510.6	502.0	492.4	482.1	475.2	466.5
55°	553.6	563.6	573.3	582.0	573.3	563.6	553.6	542.2	530.3	527.8	521.3
52.5°	618.3	626.6	640.4	657.8	640.4	626.6	618.3	607.0	595.3	592.2	585.6
50°	701.2	713.7	731.1	752.0	731.1	713.7	701.2	686.1	673.0	666.8	661.2
47.5°	796.9	809.5	826.2	848.1	826.2	809.5	796.9	779.9	763.1	746.0	724.7
45°	1050.1	1079.6	1106.6	1136.4	1106.6	1079.6	1050.1	1006.8	959.6	897.6	823.8
42.5°	2051.5	2181.1	2237.1	2204.4	2237.1	2181.1	2051.5	1864.1	1630.2	1350.1	1132.6
40°	3686.2	3901.6	4028.3	4072.4	4028.3	3901.6	3686.2	3379.1	2976.3	2506.3	2093.0
37.5°	5291.8	5490.1	5597.1	5609.8	5597.1	5490.1	5291.8	4993.8	4585.7	4097.0	3525.8
35°	6594.4	6757.7	6854.5	6927.2	6854.5	6757.7	6594.4	6348.3	6007.4	5554.6	4990.3
32.5°	7764.2	7950.3	8057.9	8034.0	8057.9	7950.3	7764.2	7506.9	7190.9	6785.1	6270.3
30°	8857.0	9060.6	9187.0	9190.7	9187.0	9060.6	8857.0	8572.8	8226.1	7813.1	7353.6
27.5°	9937.3	10165.9	10297.7	10401.0	10297.7	10165.9	9937.3	9606.0	9196.0	8761.2	8254.6
25°	11089.9	11374.8	11544.0	11646.4	11544.0	11374.8	11089.9	10692.3	10215.5	9706.5	9139.4
22.5°	12332.7	12685.6	12917.3	13013.7	12917.3	12685.6	12332.7	11857.0	11280.1	10659.0	9998.9
20°	13684.4	14121.7	14417.7	14408.7	14417.7	14121.7	13684.4	13080.2	12385.5	11637.4	10875.5
17.5°	15192.7	15756.7	16138.4	16193.7	16138.4	15756.7	15192.7	14394.7	13563.7	12694.9	11776.0
15°	16809.7	17536.9	18030.6	18183.7	18030.6	17536.9	16809.7	15871.6	14812.4	13772.5	12679.4
12.5°	18466.7	19331.7	19990.0	20208.8	19990.0	19331.7	18466.7	17354.6	16053.5	14842.2	13579.8
10°	20045.6	21003.7	21718.2	22034.4	21718.2	21003.7	20045.6	18726.1	17324.3	15890.0	14383.5
7.5°	21365.5	22338.9	23074.9	23335.2	23074.9	22338.9	21365.5	20036.8	18368.1	16772.1	15141.9
5°	22235.0	23298.6	23870.8	24192.6	23870.8	23298.6	22235.0	20842.8	19192.7	17443.9	15695.6
2.5°	22816.0	23717.8	24297.3	24593.5	24297.3	23717.8	22816.0	21445.2	19818.2	17910.0	16063.4
0°	23124.6	24042.9	24467.9	24612.0	24467.9	24042.9	23124.6	21753.6	20083.2	18100.6	16299.0
-2.5°	22816.0	23717.8	24297.3	24593.5	24297.3	23717.8	22816.0	21445.2	19818.2	17910.0	16063.4
-5°	22235.0	23298.6	23870.8	24192.6	23870.8	23298.6	22235.0	20842.8	19192.7	17443.9	15695.6
-7.5°	21365.5	22338.9	23074.9	23335.2	23074.9	22338.9	21365.5	20036.8	18368.1	16772.1	15141.9
-10°	20045.6	21003.7	21718.2	22034.4	21718.2	21003.7	20045.6	18726.1	17324.3	15890.0	14383.5
-12.5°	18466.7	19331.7	19990.0	20208.8	19990.0	19331.7	18466.7	17354.6	16053.5	14842.2	13579.8
-15°	16809.7	17536.9	18030.6	18183.7	18030.6	17536.9	16809.7	15871.6	14812.4	13772.5	12679.4
-17.5°	15192.7	15756.7	16138.4	16193.7	16138.4	15756.7	15192.7	14394.7	13563.7	12694.9	11776.0
-20°	13684.4	14121.7	14417.7	14408.7	14417.7	14121.7	13684.4	13080.2	12385.5	11637.4	10875.5



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12332.7	12685.6	12917.3	13013.7	12917.3	12685.6	12332.7	11857.0	11280.1	10659.0	9998.9
-25°	11089.9	11374.8	11544.0	11646.4	11544.0	11374.8	11089.9	10692.3	10215.5	9706.5	9139.4
-27.5°	9937.3	10165.9	10297.7	10401.0	10297.7	10165.9	9937.3	9606.0	9196.0	8761.2	8254.6
-30°	8857.0	9060.6	9187.0	9190.7	9187.0	9060.6	8857.0	8572.8	8226.1	7813.1	7353.6
-32.5°	7764.2	7950.3	8057.9	8034.0	8057.9	7950.3	7764.2	7506.9	7190.9	6785.1	6270.3
-35°	6594.4	6757.7	6854.5	6927.2	6854.5	6757.7	6594.4	6348.3	6007.4	5554.6	4990.3
-37.5°	5291.8	5490.1	5597.1	5609.8	5597.1	5490.1	5291.8	4993.8	4585.7	4097.0	3525.8
-40°	3686.2	3901.6	4028.3	4072.4	4028.3	3901.6	3686.2	3379.1	2976.3	2506.3	2093.0
-42.5°	2051.5	2181.1	2237.1	2204.4	2237.1	2181.1	2051.5	1864.1	1630.2	1350.1	1132.6
-45°	1050.1	1079.6	1106.6	1136.4	1106.6	1079.6	1050.1	1006.8	959.6	897.6	823.8
-47.5°	796.9	809.5	826.2	848.1	826.2	809.5	796.9	779.9	763.1	746.0	724.7
-50°	701.2	713.7	731.1	752.0	731.1	713.7	701.2	686.1	673.0	666.8	661.2
-52.5°	618.3	626.6	640.4	657.8	640.4	626.6	618.3	607.0	595.3	592.2	585.6
-55°	553.6	563.6	573.3	582.0	573.3	563.6	553.6	542.2	530.3	527.8	521.3
-57.5°	502.0	510.6	517.7	522.9	517.7	510.6	502.0	492.4	482.1	475.2	466.5
-60°	446.1	451.2	458.4	465.6	458.4	451.2	446.1	439.7	432.0	424.1	415.5
-62.5°	386.4	392.6	396.9	399.1	396.9	392.6	386.4	378.6	369.6	361.7	355.2
-65°	296.1	295.9	297.0	297.5	297.0	295.9	296.1	294.7	291.7	289.2	286.3
-67.5°	242.1	244.1	246.9	249.4	246.9	244.1	242.1	239.5	236.4	233.7	231.2
-70°	194.8	195.2	188.4	179.2	188.4	195.2	194.8	194.6	195.4	196.3	194.9
-72.5°	124.9	109.6	102.7	96.1	102.7	109.6	124.9	139.8	154.4	164.6	163.8
-75°	92.5	76.5	75.7	75.8	75.7	76.5	92.5	108.1	123.2	135.0	134.7
-77.5°	69.8	55.8	55.3	55.4	55.3	55.8	69.8	83.1	95.5	105.3	104.7
-80°	47.4	40.7	41.5	42.5	41.5	40.7	47.4	53.9	60.1	65.7	68.0
-82.5°	31.9	27.6	27.7	27.7	27.7	27.6	31.9	36.0	39.9	43.2	42.0
-85°	12.3	11.0	11.1	11.1	11.1	11.0	12.3	13.5	14.7	15.7	15.0
-87.5°	2.3	1.8	1.8	1.8	1.8	1.8	2.3	2.7	3.2	3.6	3.5
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
85°	14.2	13.5	12.8	14.1	15.2	16.1	16.6	14.8	13.0	11.3	9.9
82.5°	40.6	39.1	37.5	37.7	37.8	37.8	37.2	32.7	28.4	24.4	21.2
80°	69.6	70.6	70.5	69.1	67.5	65.8	62.8	54.5	47.1	40.6	36.1
77.5°	104.0	103.5	102.6	100.2	97.8	95.4	90.7	78.6	66.8	56.2	50.5
75°	134.0	132.9	130.9	127.4	123.6	119.6	112.6	100.5	87.8	74.7	67.7
72.5°	162.5	160.9	158.0	153.7	149.0	144.2	137.3	126.8	113.8	98.2	90.5
70°	193.0	190.6	186.9	181.6	175.8	170.0	164.6	157.1	146.4	133.0	125.4
67.5°	227.9	223.8	219.8	214.2	208.7	201.6	196.9	190.5	182.4	171.1	162.5
65°	280.2	270.8	265.1	264.3	259.0	248.7	237.3	230.0	222.2	211.6	199.7
62.5°	349.7	345.6	335.1	323.6	314.8	307.4	293.5	278.2	264.9	252.8	238.7
60°	406.0	396.5	387.7	377.3	365.1	353.3	341.8	326.8	308.2	293.0	277.5
57.5°	455.2	445.9	440.0	430.0	415.7	403.6	391.1	375.9	357.6	335.7	316.3
55°	510.3	503.3	497.1	487.7	474.8	458.4	442.2	426.0	405.5	379.1	355.3
52.5°	576.0	567.4	558.1	548.1	532.9	512.8	493.6	474.4	450.7	422.1	393.1
50°	652.5	635.0	619.6	606.3	586.5	564.0	541.2	519.5	491.4	462.1	431.9
47.5°	710.1	695.0	677.6	658.4	636.1	612.0	586.5	559.2	529.8	499.2	467.4
45°	796.2	763.9	729.8	708.4	683.4	657.3	630.0	599.0	566.8	534.3	500.8
42.5°	1020.2	898.9	820.3	775.0	733.3	703.9	671.0	637.5	603.2	568.4	533.0
40°	1672.9	1201.3	1043.6	890.2	809.1	756.4	713.8	674.6	638.2	601.3	564.0
37.5°	2869.8	2201.6	1657.4	1165.5	982.3	827.9	763.7	713.0	671.6	633.1	593.9
35°	4373.4	3603.2	2711.1	1984.3	1316.7	1028.2	829.7	758.6	705.8	664.0	622.6
32.5°	5679.6	4929.4	4067.5	3067.8	2149.6	1387.5	1024.4	819.2	743.3	694.6	650.5
30°	6790.6	6097.4	5274.5	4278.8	3179.0	2144.0	1309.4	974.7	799.4	723.6	677.2
27.5°	7696.9	7075.1	6304.7	5398.9	4277.3	3060.7	1986.8	1168.1	883.7	767.1	702.5
25°	8529.3	7873.5	7150.7	6305.5	5284.6	4057.5	2728.1	1677.5	1049.2	813.8	726.1
22.5°	9319.9	8623.3	7880.8	7061.8	6116.9	4944.1	3618.3	2244.3	1216.4	898.1	762.6
20°	10084.2	9316.4	8542.7	7691.8	6748.2	5725.5	4424.3	2923.7	1693.5	1026.2	797.3
17.5°	10867.0	9988.4	9112.1	8246.0	7289.6	6262.9	5052.4	3606.7	2108.2	1141.5	827.3
15°	11608.6	10627.1	9660.3	8708.0	7751.6	6711.2	5576.8	4215.2	2519.9	1374.8	912.6
12.5°	12359.5	11216.9	10167.3	9099.7	8140.1	7085.2	5948.6	4630.4	3002.9	1660.5	997.4
10°	13039.5	11758.0	10594.2	9464.3	8429.6	7383.7	6247.5	4964.1	3400.1	1895.4	1067.0
7.5°	13622.3	12228.5	10949.5	9761.7	8662.3	7632.7	6504.0	5230.3	3699.3	2076.8	1121.3
5°	14071.8	12572.3	11222.5	10005.4	8843.0	7802.4	6691.6	5424.2	3900.9	2204.3	1160.3
2.5°	14342.3	12780.6	11382.6	10156.6	8955.4	7899.2	6790.9	5548.3	4029.2	2286.5	1189.1
0°	14458.6	12843.7	11500.4	10258.7	8998.5	7939.8	6788.6	5595.0	4076.1	2317.1	1202.9
-2.5°	14342.3	12780.6	11382.6	10156.6	8955.4	7899.2	6790.9	5548.3	4029.2	2286.5	1189.1
-5°	14071.8	12572.3	11222.5	10005.4	8843.0	7802.4	6691.6	5424.2	3900.9	2204.3	1160.3
-7.5°	13622.3	12228.5	10949.5	9761.7	8662.3	7632.7	6504.0	5230.3	3699.3	2076.8	1121.3
-10°	13039.5	11758.0	10594.2	9464.3	8429.6	7383.7	6247.5	4964.1	3400.1	1895.4	1067.0
-12.5°	12359.5	11216.9	10167.3	9099.7	8140.1	7085.2	5948.6	4630.4	3002.9	1660.5	997.4
-15°	11608.6	10627.1	9660.3	8708.0	7751.6	6711.2	5576.8	4215.2	2519.9	1374.8	912.6
-17.5°	10867.0	9988.4	9112.1	8246.0	7289.6	6262.9	5052.4	3606.7	2108.2	1141.5	827.3
-20°	10084.2	9316.4	8542.7	7691.8	6748.2	5725.5	4424.3	2923.7	1693.5	1026.2	797.3



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9319.9	8623.3	7880.8	7061.8	6116.9	4944.1	3618.3	2244.3	1216.4	898.1	762.6
-25°	8529.3	7873.5	7150.7	6305.5	5284.6	4057.5	2728.1	1677.5	1049.2	813.8	726.1
-27.5°	7696.9	7075.1	6304.7	5398.9	4277.3	3060.7	1986.8	1168.1	883.7	767.1	702.5
-30°	6790.6	6097.4	5274.5	4278.8	3179.0	2144.0	1309.4	974.7	799.4	723.6	677.2
-32.5°	5679.6	4929.4	4067.5	3067.8	2149.6	1387.5	1024.4	819.2	743.3	694.6	650.5
-35°	4373.4	3603.2	2711.1	1984.3	1316.7	1028.2	829.7	758.6	705.8	664.0	622.6
-37.5°	2869.8	2201.6	1657.4	1165.5	982.3	827.9	763.7	713.0	671.6	633.1	593.9
-40°	1672.9	1201.3	1043.6	890.2	809.1	756.4	713.8	674.6	638.2	601.3	564.0
-42.5°	1020.2	898.9	820.3	775.0	733.3	703.9	671.0	637.5	603.2	568.4	533.0
-45°	796.2	763.9	729.8	708.4	683.4	657.3	630.0	599.0	566.8	534.3	500.8
-47.5°	710.1	695.0	677.6	658.4	636.1	612.0	586.5	559.2	529.8	499.2	467.4
-50°	652.5	635.0	619.6	606.3	586.5	564.0	541.2	519.5	491.4	462.1	431.9
-52.5°	576.0	567.4	558.1	548.1	532.9	512.8	493.6	474.4	450.7	422.1	393.1
-55°	510.3	503.3	497.1	487.7	474.8	458.4	442.2	426.0	405.5	379.1	355.3
-57.5°	455.2	445.9	440.0	430.0	415.7	403.6	391.1	375.9	357.6	335.7	316.3
-60°	406.0	396.5	387.7	377.3	365.1	353.3	341.8	326.8	308.2	293.0	277.5
-62.5°	349.7	345.6	335.1	323.6	314.8	307.4	293.5	278.2	264.9	252.8	238.7
-65°	280.2	270.8	265.1	264.3	259.0	248.7	237.3	230.0	222.2	211.6	199.7
-67.5°	227.9	223.8	219.8	214.2	208.7	201.6	196.9	190.5	182.4	171.1	162.5
-70°	193.0	190.6	186.9	181.6	175.8	170.0	164.6	157.1	146.4	133.0	125.4
-72.5°	162.5	160.9	158.0	153.7	149.0	144.2	137.3	126.8	113.8	98.2	90.5
-75°	134.0	132.9	130.9	127.4	123.6	119.6	112.6	100.5	87.8	74.7	67.7
-77.5°	104.0	103.5	102.6	100.2	97.8	95.4	90.7	78.6	66.8	56.2	50.5
-80°	69.6	70.6	70.5	69.1	67.5	65.8	62.8	54.5	47.1	40.6	36.1
-82.5°	40.6	39.1	37.5	37.7	37.8	37.8	37.2	32.7	28.4	24.4	21.2
-85°	14.2	13.5	12.8	14.1	15.2	16.1	16.6	14.8	13.0	11.3	9.9
-87.5°	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	3.1	3.6	3.9	4.2	4.5	4.6	4.7	4.7	4.4	4.1	3.7
85°	10.5	10.9	10.9	10.7	10.0	9.3	9.4	9.4	8.8	8.2	7.5
82.5°	22.1	22.9	23.5	23.4	21.9	20.4	18.7	17.1	15.2	12.7	11.2
80°	38.1	39.4	39.7	38.7	35.0	31.4	28.9	26.5	24.6	21.8	18.3
77.5°	54.3	56.7	57.8	56.5	51.4	46.4	41.4	36.9	34.1	31.1	27.0
75°	71.0	74.7	76.9	75.6	69.3	61.3	54.9	49.6	45.7	40.6	35.8
72.5°	92.2	94.0	96.0	95.6	90.0	82.1	71.7	62.5	58.1	52.4	45.2
70°	120.4	115.2	113.9	113.1	109.7	103.6	93.1	80.9	70.7	64.2	56.2
67.5°	155.0	147.8	140.3	132.3	128.3	122.7	114.4	100.1	86.7	76.1	67.1
65°	189.2	179.5	170.3	158.7	149.2	141.8	133.3	118.0	102.0	88.7	78.2
62.5°	224.1	209.9	197.6	184.1	171.4	161.1	152.1	134.7	116.7	100.6	88.1
60°	260.7	243.6	224.8	208.6	193.4	179.6	167.4	151.1	131.6	111.9	97.2
57.5°	297.9	277.7	255.0	233.7	215.4	198.5	182.0	165.4	146.3	124.6	105.3
55°	334.4	312.4	285.0	259.6	237.5	218.1	197.4	178.7	160.1	137.4	111.2
52.5°	367.1	344.0	316.7	286.2	259.7	236.9	214.0	191.6	171.9	150.0	119.2
50°	400.5	371.9	345.8	315.5	281.8	255.4	230.1	205.9	183.3	161.6	126.6
47.5°	435.2	401.8	371.3	342.8	308.4	273.3	246.3	220.0	194.5	171.6	133.1
45°	467.1	432.6	397.5	365.9	333.2	294.2	262.2	233.4	206.6	176.7	138.7
42.5°	497.3	461.2	424.6	388.2	354.0	314.8	277.6	247.2	218.2	180.7	142.7
40°	526.2	488.3	450.1	412.1	374.8	333.5	294.3	260.6	228.4	184.1	145.3
37.5°	553.8	514.0	474.1	435.0	395.9	352.9	309.7	273.3	233.4	187.9	147.1
35°	580.6	538.4	497.9	457.0	415.9	372.5	323.5	285.6	240.9	191.0	148.2
32.5°	606.0	562.2	520.4	478.1	434.8	392.2	339.1	296.7	250.0	193.6	148.4
30°	630.7	585.5	541.6	498.2	452.8	408.8	356.5	307.7	260.6	195.6	148.4
27.5°	654.4	607.0	561.4	516.7	470.2	423.9	373.5	318.5	272.4	199.4	149.4
25°	676.1	627.0	579.8	533.7	486.6	438.5	389.2	329.1	282.4	207.4	149.8
22.5°	696.2	645.3	596.4	549.2	502.5	452.6	402.5	342.0	290.5	215.8	149.6
20°	714.5	661.5	612.0	565.5	517.0	466.0	413.8	353.8	298.2	224.2	148.8
17.5°	732.8	678.4	629.9	581.0	530.4	478.1	424.4	364.3	305.3	232.7	147.4
15°	761.6	696.7	646.2	595.6	542.8	489.0	434.0	373.6	311.7	240.7	147.0
12.5°	787.5	713.0	660.8	609.1	554.1	498.6	442.7	381.5	317.4	246.3	147.6
10°	809.5	727.3	673.7	621.4	564.3	506.8	450.4	388.3	322.2	248.6	147.2
7.5°	827.3	739.6	684.9	632.3	573.6	514.7	457.4	394.0	326.8	248.8	146.0
5°	842.7	753.0	698.8	644.1	584.8	522.5	463.4	398.3	331.0	247.1	144.1
2.5°	860.3	769.2	714.3	654.6	594.4	529.0	468.0	401.3	334.3	243.6	141.6
0°	874.0	783.4	728.0	663.3	602.4	534.0	471.2	402.8	336.3	238.4	138.6
-2.5°	860.3	769.2	714.3	654.6	594.4	529.0	468.0	401.3	334.3	243.6	141.6
-5°	842.7	753.0	698.8	644.1	584.8	522.5	463.4	398.3	331.0	247.1	144.1
-7.5°	827.3	739.6	684.9	632.3	573.6	514.7	457.4	394.0	326.8	248.8	146.0
-10°	809.5	727.3	673.7	621.4	564.3	506.8	450.4	388.3	322.2	248.6	147.2
-12.5°	787.5	713.0	660.8	609.1	554.1	498.6	442.7	381.5	317.4	246.3	147.6
-15°	761.6	696.7	646.2	595.6	542.8	489.0	434.0	373.6	311.7	240.7	147.0
-17.5°	732.8	678.4	629.9	581.0	530.4	478.1	424.4	364.3	305.3	232.7	147.4
-20°	714.5	661.5	612.0	565.5	517.0	466.0	413.8	353.8	298.2	224.2	148.8



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	696.2	645.3	596.4	549.2	502.5	452.6	402.5	342.0	290.5	215.8	149.6
-25°	676.1	627.0	579.8	533.7	486.6	438.5	389.2	329.1	282.4	207.4	149.8
-27.5°	654.4	607.0	561.4	516.7	470.2	423.9	373.5	318.5	272.4	199.4	149.4
-30°	630.7	585.5	541.6	498.2	452.8	408.8	356.5	307.7	260.6	195.6	148.4
-32.5°	606.0	562.2	520.4	478.1	434.8	392.2	339.1	296.7	250.0	193.6	148.4
-35°	580.6	538.4	497.9	457.0	415.9	372.5	323.5	285.6	240.9	191.0	148.2
-37.5°	553.8	514.0	474.1	435.0	395.9	352.9	309.7	273.3	233.4	187.9	147.1
-40°	526.2	488.3	450.1	412.1	374.8	333.5	294.3	260.6	228.4	184.1	145.3
-42.5°	497.3	461.2	424.6	388.2	354.0	314.8	277.6	247.2	218.2	180.7	142.7
-45°	467.1	432.6	397.5	365.9	333.2	294.2	262.2	233.4	206.6	176.7	138.7
-47.5°	435.2	401.8	371.3	342.8	308.4	273.3	246.3	220.0	194.5	171.6	133.1
-50°	400.5	371.9	345.8	315.5	281.8	255.4	230.1	205.9	183.3	161.6	126.6
-52.5°	367.1	344.0	316.7	286.2	259.7	236.9	214.0	191.6	171.9	150.0	119.2
-55°	334.4	312.4	285.0	259.6	237.5	218.1	197.4	178.7	160.1	137.4	111.2
-57.5°	297.9	277.7	255.0	233.7	215.4	198.5	182.0	165.4	146.3	124.6	105.3
-60°	260.7	243.6	224.8	208.6	193.4	179.6	167.4	151.1	131.6	111.9	97.2
-62.5°	224.1	209.9	197.6	184.1	171.4	161.1	152.1	134.7	116.7	100.6	88.1
-65°	189.2	179.5	170.3	158.7	149.2	141.8	133.3	118.0	102.0	88.7	78.2
-67.5°	155.0	147.8	140.3	132.3	128.3	122.7	114.4	100.1	86.7	76.1	67.1
-70°	120.4	115.2	113.9	113.1	109.7	103.6	93.1	80.9	70.7	64.2	56.2
-72.5°	92.2	94.0	96.0	95.6	90.0	82.1	71.7	62.5	58.1	52.4	45.2
-75°	71.0	74.7	76.9	75.6	69.3	61.3	54.9	49.6	45.7	40.6	35.8
-77.5°	54.3	56.7	57.8	56.5	51.4	46.4	41.4	36.9	34.1	31.1	27.0
-80°	38.1	39.4	39.7	38.7	35.0	31.4	28.9	26.5	24.6	21.8	18.3
-82.5°	22.1	22.9	23.5	23.4	21.9	20.4	18.7	17.1	15.2	12.7	11.2
-85°	10.5	10.9	10.9	10.7	10.0	9.3	9.4	9.4	8.8	8.2	7.5
-87.5°	3.1	3.6	3.9	4.2	4.5	4.6	4.7	4.7	4.4	4.1	3.7
-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: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-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°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.7	5.2	3.8	2.6	1.6	0.8	0.0
82.5°	10.0	7.7	5.7	3.9	2.4	1.2	0.0
80°	13.8	10.3	7.6	5.2	3.2	1.6	0.0
77.5°	21.6	14.0	9.4	6.5	4.0	2.0	0.0
75°	29.3	20.0	11.7	7.8	4.8	2.4	0.0
72.5°	36.8	25.8	16.1	9.0	5.5	2.8	0.0
70°	44.4	31.5	20.3	10.5	6.3	3.1	0.0
67.5°	53.1	37.1	24.5	13.4	7.0	3.5	0.0
65°	61.5	43.0	28.4	16.2	7.8	3.9	0.0
62.5°	69.6	49.2	32.3	18.9	8.5	4.2	0.0
60°	77.2	55.2	36.0	21.5	9.2	4.6	0.0
57.5°	82.4	60.8	40.2	24.0	10.8	4.9	0.0
55°	86.8	66.1	44.2	26.3	12.4	5.3	0.0
52.5°	90.6	70.7	47.9	28.6	13.9	5.6	0.0
50°	93.7	73.0	51.4	30.7	15.4	5.9	0.0
47.5°	96.6	74.8	54.7	32.7	16.8	6.2	0.0
45°	101.2	76.2	57.6	34.9	18.2	6.5	0.0
42.5°	105.2	77.1	60.3	36.9	19.4	6.8	0.0
40°	108.4	77.5	61.7	39.1	20.7	7.0	0.0
37.5°	110.9	77.5	61.9	41.3	21.8	7.3	0.0
35°	112.7	78.5	61.8	43.4	22.9	7.5	0.0
32.5°	113.6	79.7	61.5	45.5	23.9	7.8	0.0
30°	113.5	80.4	60.8	47.5	24.8	8.0	0.0
27.5°	112.8	80.6	61.5	49.4	25.6	8.2	0.0
25°	111.6	80.3	62.2	51.2	26.4	8.3	0.0
22.5°	109.8	80.5	62.8	53.0	27.1	8.5	0.0
20°	107.5	82.6	63.3	54.6	27.7	8.6	0.0
17.5°	107.7	84.4	63.7	56.1	28.2	8.8	0.0
15°	109.3	86.0	64.0	57.5	28.6	8.9	0.0
12.5°	110.5	87.4	64.3	58.8	29.0	9.0	0.0
10°	111.5	88.5	64.5	59.9	29.3	9.1	0.0
7.5°	112.3	89.4	64.6	60.9	29.5	9.1	0.0
5°	112.7	90.0	64.7	61.7	29.6	9.2	0.0
2.5°	112.8	90.4	64.7	62.3	29.6	9.2	0.0
0°	112.7	90.5	64.7	62.8	29.6	9.2	0.0
-2.5°	112.8	90.4	64.7	62.3	29.6	9.2	0.0
-5°	112.7	90.0	64.7	61.7	29.6	9.2	0.0
-7.5°	112.3	89.4	64.6	60.9	29.5	9.1	0.0
-10°	111.5	88.5	64.5	59.9	29.3	9.1	0.0
-12.5°	110.5	87.4	64.3	58.8	29.0	9.0	0.0
-15°	109.3	86.0	64.0	57.5	28.6	8.9	0.0
-17.5°	107.7	84.4	63.7	56.1	28.2	8.8	0.0
-20°	107.5	82.6	63.3	54.6	27.7	8.6	0.0



REPORT NUMBER: P559037 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.8	80.5	62.8	53.0	27.1	8.5	0.0
-25°	111.6	80.3	62.2	51.2	26.4	8.3	0.0
-27.5°	112.8	80.6	61.5	49.4	25.6	8.2	0.0
-30°	113.5	80.4	60.8	47.5	24.8	8.0	0.0
-32.5°	113.6	79.7	61.5	45.5	23.9	7.8	0.0
-35°	112.7	78.5	61.8	43.4	22.9	7.5	0.0
-37.5°	110.9	77.5	61.9	41.3	21.8	7.3	0.0
-40°	108.4	77.5	61.7	39.1	20.7	7.0	0.0
-42.5°	105.2	77.1	60.3	36.9	19.4	6.8	0.0
-45°	101.2	76.2	57.6	34.9	18.2	6.5	0.0
-47.5°	96.6	74.8	54.7	32.7	16.8	6.2	0.0
-50°	93.7	73.0	51.4	30.7	15.4	5.9	0.0
-52.5°	90.6	70.7	47.9	28.6	13.9	5.6	0.0
-55°	86.8	66.1	44.2	26.3	12.4	5.3	0.0
-57.5°	82.4	60.8	40.2	24.0	10.8	4.9	0.0
-60°	77.2	55.2	36.0	21.5	9.2	4.6	0.0
-62.5°	69.6	49.2	32.3	18.9	8.5	4.2	0.0
-65°	61.5	43.0	28.4	16.2	7.8	3.9	0.0
-67.5°	53.1	37.1	24.5	13.4	7.0	3.5	0.0
-70°	44.4	31.5	20.3	10.5	6.3	3.1	0.0
-72.5°	36.8	25.8	16.1	9.0	5.5	2.8	0.0
-75°	29.3	20.0	11.7	7.8	4.8	2.4	0.0
-77.5°	21.6	14.0	9.4	6.5	4.0	2.0	0.0
-80°	13.8	10.3	7.6	5.2	3.2	1.6	0.0
-82.5°	10.0	7.7	5.7	3.9	2.4	1.2	0.0
-85°	6.7	5.2	3.8	2.6	1.6	0.8	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)