

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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-935-U-TS-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

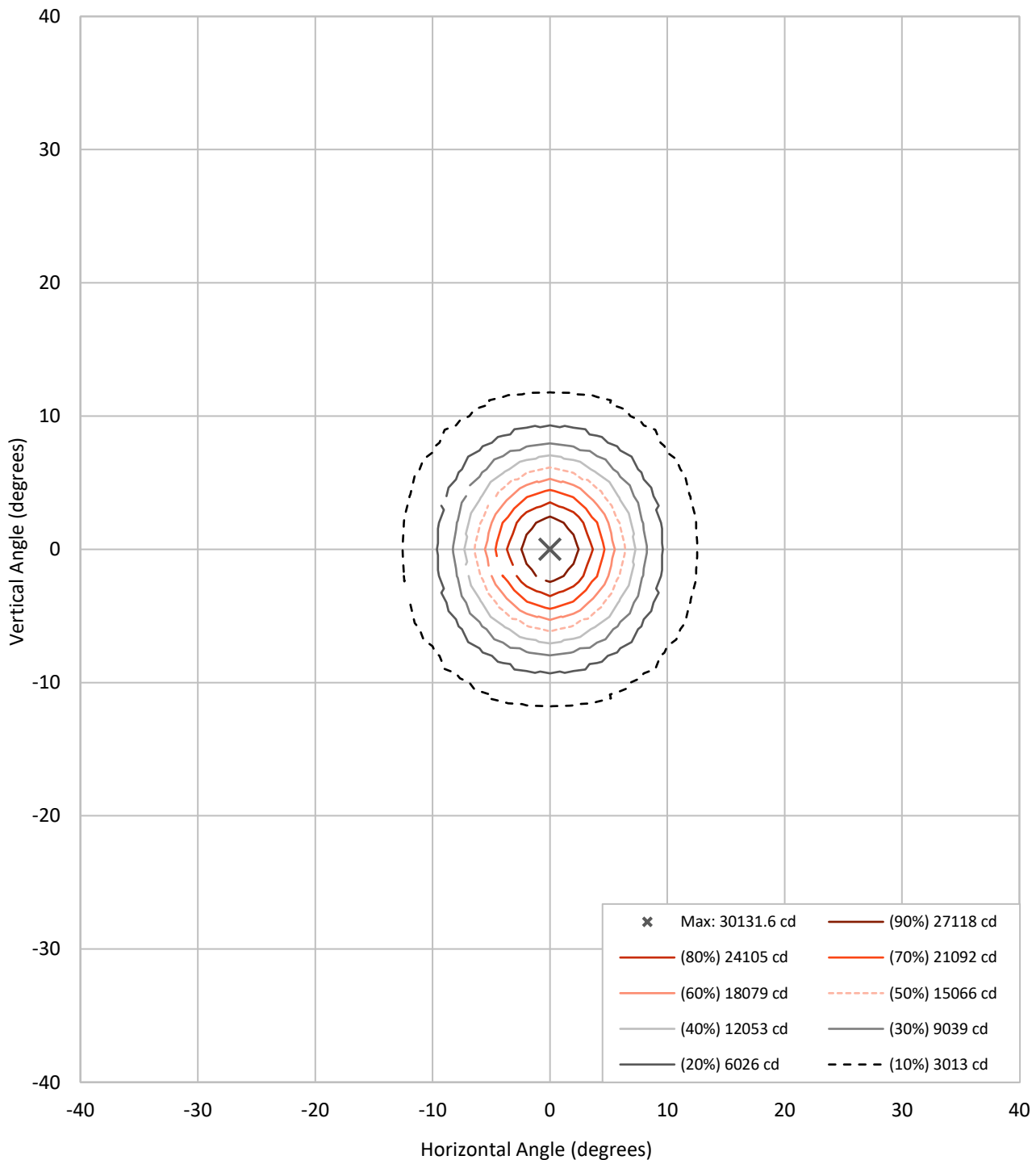
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2184.1 lumens	Max Intensity:	30131.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	690.2 lumens	Field Lumens:	1528.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 18  
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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

### Iso-Candela Plot





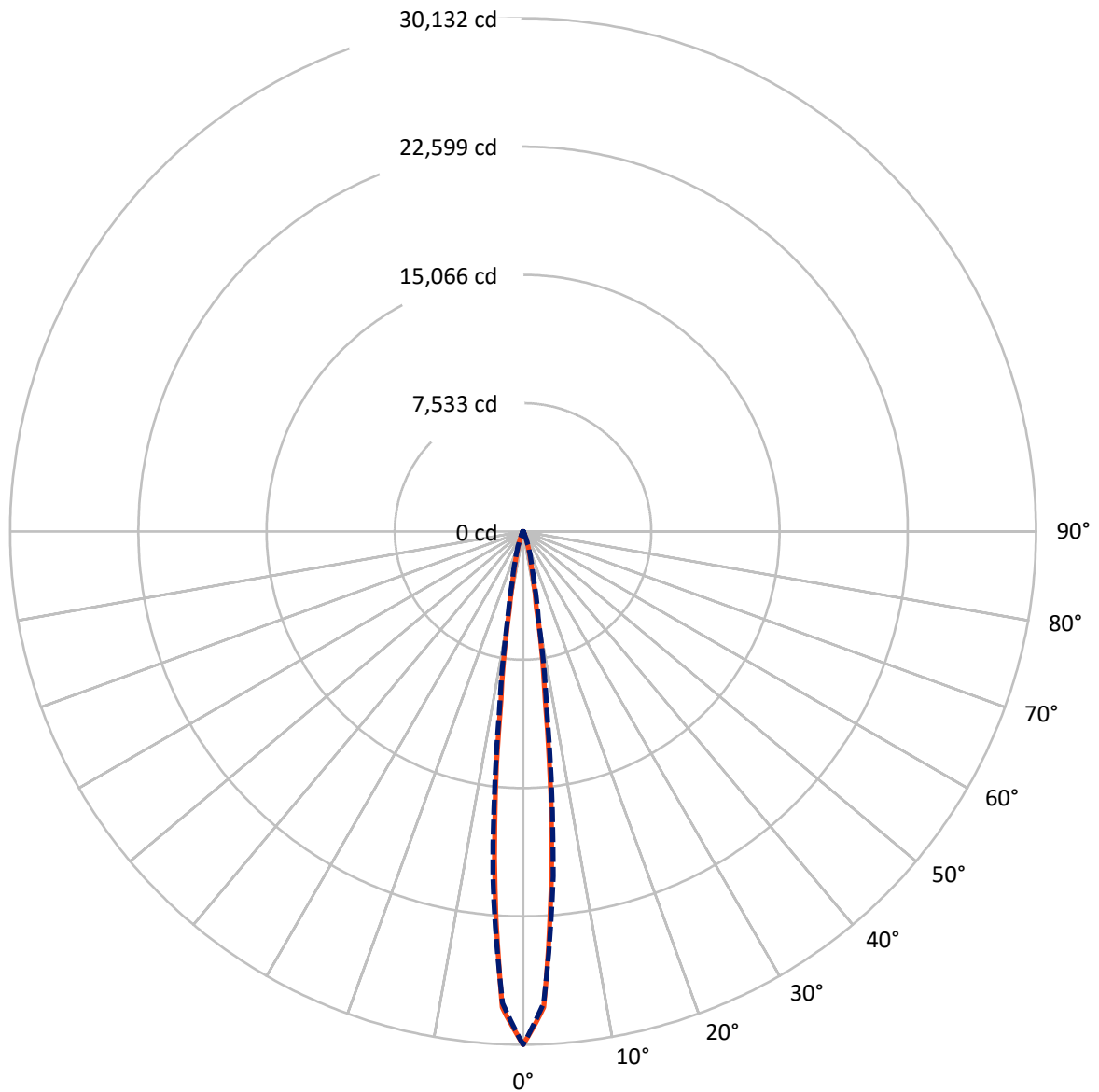
REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

### Lumen Table

90																			
80	0.0	0.3		0.7		1.1		1.3		1.1		0.7		0.3		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.1	0.1			
50		0.2	0.4	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.0	0.8	0.6	0.4	0.2				
40	0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.7	0.5	0.3	0.2			
30		0.3	0.6	0.8	1.0	1.3	1.7	1.9	1.9	1.7	1.3	1.0	0.8	0.6	0.3				
20	0.3	0.4	0.6	0.9	1.2	1.9	4.2	7.6	7.6	4.2	1.9	1.2	0.9	0.6	0.4	0.3			
10		0.4	0.6	0.9	1.4	4.1	22.9	50.4	50.4	22.9	4.1	1.4	0.9	0.6	0.4				
0	0.3	0.4	0.6	0.9	1.6	7.8	55.0	355.7	355.7	55.0	7.8	1.6	0.9	0.6	0.4	0.3			
-10		0.4	0.6	0.9	1.6	7.8	55.0	355.7	355.7	55.0	7.8	1.6	0.9	0.6	0.4				
-20	0.3	0.4	0.6	0.9	1.4	4.1	22.9	50.4	50.4	22.9	4.1	1.4	0.9	0.6	0.4	0.3			
-30		0.4	0.6	0.9	1.2	1.9	4.2	7.6	7.6	4.2	1.9	1.2	0.9	0.6	0.4				
-40	0.2	0.3	0.6	0.8	1.0	1.3	1.7	1.9	1.9	1.7	1.3	1.0	0.8	0.6	0.3	0.2			
-50		0.3	0.5	0.7	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.7	0.5	0.3				
-60	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.1	1.1	1.1	1.0	0.8	0.6	0.4	0.2	0.1			
-70		0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.1				
-80	0.0	0.3		0.7		1.1		1.3		1.1		0.7		0.3		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

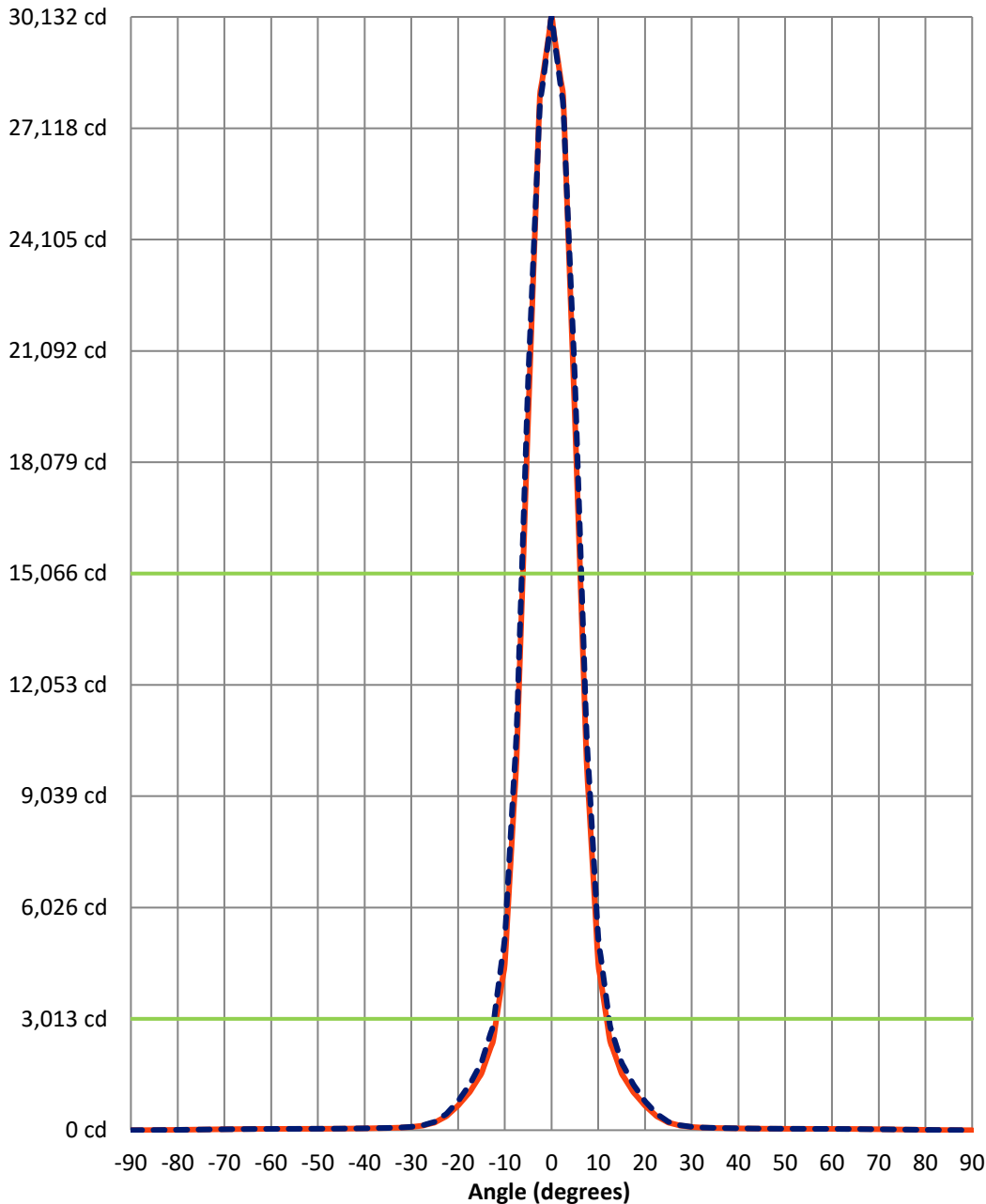
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 690.2  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 1528.9  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 655.2  
 Efficiency: 30.0%

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



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	2.0
80°	0.0	0.3	0.6	0.8	1.0	1.3	1.5	1.8	2.2	2.6	3.0
77.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.4	3.9
75°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.3	4.9
72.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.0	3.7	4.5	5.2	5.9
70°	0.0	0.5	1.1	1.6	2.3	2.9	3.5	4.4	5.3	6.1	7.3
67.5°	0.0	0.6	1.2	1.9	2.6	3.3	4.2	5.1	6.1	7.4	8.7
65°	0.0	0.7	1.4	2.1	2.9	3.8	4.8	5.9	7.2	8.6	10.1
62.5°	0.0	0.7	1.5	2.4	3.3	4.3	5.4	6.7	8.2	9.8	11.6
60°	0.0	0.8	1.6	2.6	3.6	4.8	6.0	7.6	9.2	11.1	13.0
57.5°	0.0	0.9	1.8	2.8	4.0	5.3	6.7	8.4	10.3	12.4	14.5
55°	0.0	0.9	1.9	3.1	4.3	5.7	7.4	9.2	11.4	13.6	15.9
52.5°	0.0	1.0	2.1	3.3	4.7	6.2	8.1	10.2	12.5	14.9	17.3
50°	0.0	1.0	2.2	3.5	5.0	6.7	8.8	11.1	13.5	16.1	18.7
47.5°	0.0	1.1	2.3	3.7	5.3	7.3	9.4	12.0	14.6	17.3	20.0
45°	0.0	1.1	2.5	4.0	5.7	7.8	10.1	12.8	15.6	18.4	21.4
42.5°	0.0	1.2	2.6	4.2	6.0	8.3	10.8	13.6	16.5	19.6	22.5
40°	0.0	1.2	2.7	4.4	6.3	8.7	11.5	14.4	17.5	20.7	23.6
37.5°	0.0	1.3	2.8	4.6	6.6	9.2	12.1	15.2	18.4	21.7	24.6
35°	0.0	1.3	2.9	4.8	7.0	9.6	12.7	15.9	19.3	22.6	25.5
32.5°	0.0	1.3	3.0	4.9	7.3	10.1	13.2	16.6	20.1	23.4	26.3
30°	0.0	1.4	3.1	5.1	7.6	10.5	13.8	17.2	20.9	24.1	27.0
27.5°	0.0	1.4	3.2	5.2	7.8	10.9	14.3	17.8	21.5	24.8	27.7
25°	0.0	1.5	3.3	5.4	8.1	11.2	14.7	18.4	22.1	25.3	28.3
22.5°	0.0	1.5	3.4	5.5	8.3	11.6	15.2	18.9	22.6	25.8	28.7
20°	0.0	1.5	3.4	5.6	8.5	11.9	15.5	19.4	23.0	26.3	29.1
17.5°	0.0	1.5	3.5	5.7	8.7	12.1	15.9	19.7	23.4	26.6	29.5
15°	0.0	1.5	3.6	5.7	8.8	12.4	16.2	20.1	23.7	27.0	29.8
12.5°	0.0	1.6	3.6	5.8	9.0	12.6	16.4	20.4	24.0	27.3	30.1
10°	0.0	1.6	3.6	5.8	9.1	12.7	16.6	20.6	24.2	27.5	30.3
7.5°	0.0	1.6	3.7	5.9	9.2	12.8	16.8	20.7	24.4	27.7	30.5
5°	0.0	1.6	3.7	5.9	9.2	12.9	16.9	20.9	24.5	27.8	30.6
2.5°	0.0	1.6	3.7	5.9	9.3	13.0	17.0	20.9	24.5	27.8	30.6
0°	0.0	1.6	3.7	5.9	9.3	13.0	17.0	20.9	24.5	27.8	30.6
-2.5°	0.0	1.6	3.7	5.9	9.3	13.0	17.0	20.9	24.5	27.8	30.6
-5°	0.0	1.6	3.7	5.9	9.2	12.9	16.9	20.9	24.5	27.8	30.6
-7.5°	0.0	1.6	3.7	5.9	9.2	12.8	16.8	20.7	24.4	27.7	30.5
-10°	0.0	1.6	3.6	5.8	9.1	12.7	16.6	20.6	24.2	27.5	30.3
-12.5°	0.0	1.6	3.6	5.8	9.0	12.6	16.4	20.4	24.0	27.3	30.1
-15°	0.0	1.5	3.6	5.7	8.8	12.4	16.2	20.1	23.7	27.0	29.8
-17.5°	0.0	1.5	3.5	5.7	8.7	12.1	15.9	19.7	23.4	26.6	29.5
-20°	0.0	1.5	3.4	5.6	8.5	11.9	15.5	19.4	23.0	26.3	29.1



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	3.4	5.5	8.3	11.6	15.2	18.9	22.6	25.8	28.7
-25°	0.0	1.5	3.3	5.4	8.1	11.2	14.7	18.4	22.1	25.3	28.3
-27.5°	0.0	1.4	3.2	5.2	7.8	10.9	14.3	17.8	21.5	24.8	27.7
-30°	0.0	1.4	3.1	5.1	7.6	10.5	13.8	17.2	20.9	24.1	27.0
-32.5°	0.0	1.3	3.0	4.9	7.3	10.1	13.2	16.6	20.1	23.4	26.3
-35°	0.0	1.3	2.9	4.8	7.0	9.6	12.7	15.9	19.3	22.6	25.5
-37.5°	0.0	1.3	2.8	4.6	6.6	9.2	12.1	15.2	18.4	21.7	24.6
-40°	0.0	1.2	2.7	4.4	6.3	8.7	11.5	14.4	17.5	20.7	23.6
-42.5°	0.0	1.2	2.6	4.2	6.0	8.3	10.8	13.6	16.5	19.6	22.5
-45°	0.0	1.1	2.5	4.0	5.7	7.8	10.1	12.8	15.6	18.4	21.4
-47.5°	0.0	1.1	2.3	3.7	5.3	7.3	9.4	12.0	14.6	17.3	20.0
-50°	0.0	1.0	2.2	3.5	5.0	6.7	8.8	11.1	13.5	16.1	18.7
-52.5°	0.0	1.0	2.1	3.3	4.7	6.2	8.1	10.2	12.5	14.9	17.3
-55°	0.0	0.9	1.9	3.1	4.3	5.7	7.4	9.2	11.4	13.6	15.9
-57.5°	0.0	0.9	1.8	2.8	4.0	5.3	6.7	8.4	10.3	12.4	14.5
-60°	0.0	0.8	1.6	2.6	3.6	4.8	6.0	7.6	9.2	11.1	13.0
-62.5°	0.0	0.7	1.5	2.4	3.3	4.3	5.4	6.7	8.2	9.8	11.6
-65°	0.0	0.7	1.4	2.1	2.9	3.8	4.8	5.9	7.2	8.6	10.1
-67.5°	0.0	0.6	1.2	1.9	2.6	3.3	4.2	5.1	6.1	7.4	8.7
-70°	0.0	0.5	1.1	1.6	2.3	2.9	3.5	4.4	5.3	6.1	7.3
-72.5°	0.0	0.5	1.0	1.4	1.9	2.5	3.0	3.7	4.5	5.2	5.9
-75°	0.0	0.4	0.8	1.2	1.6	2.0	2.5	3.0	3.6	4.3	4.9
-77.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.4	3.9
-80°	0.0	0.3	0.6	0.8	1.0	1.3	1.5	1.8	2.2	2.6	3.0
-82.5°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	2.0
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6
-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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
82.5°	2.2	2.4	2.6	2.7	2.8	3.0	3.1	3.4	3.7	4.0	4.3
80°	3.2	3.5	3.8	4.1	4.5	4.9	5.2	5.6	5.9	6.3	6.7
77.5°	4.3	4.8	5.3	5.8	6.4	7.0	7.6	8.2	8.7	9.2	9.7
75°	5.5	6.1	6.9	7.8	8.6	9.3	10.1	10.9	11.6	12.3	12.9
72.5°	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.6	14.5	15.4	16.2
70°	8.4	9.5	10.8	12.0	13.2	14.3	15.4	16.5	17.6	18.6	19.5
67.5°	10.0	11.4	12.8	14.2	15.5	16.8	18.1	19.3	20.5	21.5	22.4
65°	11.7	13.2	14.8	16.3	17.8	19.2	20.6	22.0	23.2	24.1	25.0
62.5°	13.3	15.0	16.7	18.4	20.0	21.6	23.0	24.3	25.5	26.5	27.4
60°	14.9	16.8	18.7	20.5	22.2	23.7	25.1	26.4	27.5	28.6	29.5
57.5°	16.5	18.6	20.6	22.5	24.1	25.7	27.0	28.3	29.3	30.2	31.1
55°	18.1	20.3	22.4	24.3	25.9	27.4	28.7	29.8	30.8	31.7	32.6
52.5°	19.7	22.0	24.1	25.9	27.5	28.9	30.1	31.2	32.2	33.1	33.8
50°	21.2	23.5	25.6	27.4	28.9	30.3	31.4	32.5	33.4	34.2	34.9
47.5°	22.6	25.0	26.9	28.7	30.2	31.5	32.6	33.6	34.5	35.2	35.9
45°	23.9	26.2	28.2	29.9	31.3	32.6	33.7	34.7	35.4	36.1	36.6
42.5°	25.1	27.3	29.3	31.0	32.4	33.5	34.6	35.5	36.3	36.9	37.4
40°	26.2	28.4	30.3	31.9	33.3	34.4	35.4	36.2	37.0	37.6	38.2
37.5°	27.1	29.3	31.2	32.7	34.0	35.1	36.0	36.9	37.6	38.3	39.1
35°	28.1	30.1	31.9	33.4	34.6	35.7	36.6	37.5	38.2	39.1	40.1
32.5°	28.8	30.9	32.6	34.0	35.1	36.2	37.2	38.0	38.9	40.0	41.1
30°	29.5	31.6	33.2	34.5	35.6	36.7	37.7	38.6	39.6	40.8	42.3
27.5°	30.1	32.1	33.6	34.9	36.1	37.0	38.1	39.2	40.3	41.7	43.5
25°	30.7	32.6	34.0	35.3	36.4	37.4	38.5	39.6	41.0	42.8	45.3
22.5°	31.1	33.1	34.3	35.6	36.6	37.7	38.9	40.1	41.7	43.8	47.1
20°	31.5	33.4	34.6	35.9	36.8	38.0	39.2	40.5	42.4	45.2	49.0
17.5°	31.9	33.6	34.9	36.0	37.1	38.2	39.5	40.9	43.0	46.6	50.7
15°	32.2	33.8	35.0	36.2	37.2	38.4	39.7	41.3	43.8	47.8	52.2
12.5°	32.5	34.0	35.2	36.3	37.4	38.5	39.9	41.7	44.6	49.0	53.8
10°	32.7	34.1	35.3	36.3	37.5	38.6	40.1	41.9	45.2	49.6	54.7
7.5°	32.8	34.2	35.4	36.4	37.5	38.6	40.2	42.0	45.6	49.9	55.2
5°	32.9	34.2	35.4	36.4	37.6	38.7	40.3	42.0	45.7	50.0	55.4
2.5°	32.9	34.3	35.5	36.5	37.7	38.8	40.5	42.3	45.8	50.3	55.6
0°	32.9	34.3	35.5	36.5	37.7	38.8	40.5	42.3	45.8	50.3	55.6
-2.5°	32.9	34.3	35.5	36.5	37.7	38.8	40.5	42.3	45.8	50.3	55.6
-5°	32.9	34.2	35.4	36.4	37.6	38.7	40.3	42.0	45.7	50.0	55.4
-7.5°	32.8	34.2	35.4	36.4	37.5	38.6	40.2	42.0	45.6	49.9	55.2
-10°	32.7	34.1	35.3	36.3	37.5	38.6	40.1	41.9	45.2	49.6	54.7
-12.5°	32.5	34.0	35.2	36.3	37.4	38.5	39.9	41.7	44.6	49.0	53.8
-15°	32.2	33.8	35.0	36.2	37.2	38.4	39.7	41.3	43.8	47.8	52.2
-17.5°	31.9	33.6	34.9	36.0	37.1	38.2	39.5	40.9	43.0	46.6	50.7
-20°	31.5	33.4	34.6	35.9	36.8	38.0	39.2	40.5	42.4	45.2	49.0



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	31.1	33.1	34.3	35.6	36.6	37.7	38.9	40.1	41.7	43.8	47.1
-25°	30.7	32.6	34.0	35.3	36.4	37.4	38.5	39.6	41.0	42.8	45.3
-27.5°	30.1	32.1	33.6	34.9	36.1	37.0	38.1	39.2	40.3	41.7	43.5
-30°	29.5	31.6	33.2	34.5	35.6	36.7	37.7	38.6	39.6	40.8	42.3
-32.5°	28.8	30.9	32.6	34.0	35.1	36.2	37.2	38.0	38.9	40.0	41.1
-35°	28.1	30.1	31.9	33.4	34.6	35.7	36.6	37.5	38.2	39.1	40.1
-37.5°	27.1	29.3	31.2	32.7	34.0	35.1	36.0	36.9	37.6	38.3	39.1
-40°	26.2	28.4	30.3	31.9	33.3	34.4	35.4	36.2	37.0	37.6	38.2
-42.5°	25.1	27.3	29.3	31.0	32.4	33.5	34.6	35.5	36.3	36.9	37.4
-45°	23.9	26.2	28.2	29.9	31.3	32.6	33.7	34.7	35.4	36.1	36.6
-47.5°	22.6	25.0	26.9	28.7	30.2	31.5	32.6	33.6	34.5	35.2	35.9
-50°	21.2	23.5	25.6	27.4	28.9	30.3	31.4	32.5	33.4	34.2	34.9
-52.5°	19.7	22.0	24.1	25.9	27.5	28.9	30.1	31.2	32.2	33.1	33.8
-55°	18.1	20.3	22.4	24.3	25.9	27.4	28.7	29.8	30.8	31.7	32.6
-57.5°	16.5	18.6	20.6	22.5	24.1	25.7	27.0	28.3	29.3	30.2	31.1
-60°	14.9	16.8	18.7	20.5	22.2	23.7	25.1	26.4	27.5	28.6	29.5
-62.5°	13.3	15.0	16.7	18.4	20.0	21.6	23.0	24.3	25.5	26.5	27.4
-65°	11.7	13.2	14.8	16.3	17.8	19.2	20.6	22.0	23.2	24.1	25.0
-67.5°	10.0	11.4	12.8	14.2	15.5	16.8	18.1	19.3	20.5	21.5	22.4
-70°	8.4	9.5	10.8	12.0	13.2	14.3	15.4	16.5	17.6	18.6	19.5
-72.5°	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.6	14.5	15.4	16.2
-75°	5.5	6.1	6.9	7.8	8.6	9.3	10.1	10.9	11.6	12.3	12.9
-77.5°	4.3	4.8	5.3	5.8	6.4	7.0	7.6	8.2	8.7	9.2	9.7
-80°	3.2	3.5	3.8	4.1	4.5	4.9	5.2	5.6	5.9	6.3	6.7
-82.5°	2.2	2.4	2.6	2.7	2.8	3.0	3.1	3.4	3.7	4.0	4.3
-85°	1.3	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
85°	2.5	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3
82.5°	4.5	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0
80°	7.1	7.4	7.8	8.1	8.3	8.6	8.8	8.9	9.0	9.2	9.3
77.5°	10.1	10.6	11.1	11.5	11.9	12.2	12.5	12.7	12.9	13.1	13.4
75°	13.6	14.2	14.7	15.2	15.6	16.1	16.4	16.7	17.0	17.3	17.5
72.5°	17.0	17.7	18.4	18.9	19.4	19.8	20.3	20.7	21.1	21.3	21.6
70°	20.2	21.0	21.6	22.2	22.8	23.4	24.0	24.5	25.0	25.3	25.5
67.5°	23.2	24.0	24.7	25.5	26.1	26.7	27.3	27.8	28.3	28.6	28.8
65°	25.9	26.7	27.5	28.3	29.0	29.5	30.0	30.5	31.0	31.4	31.7
62.5°	28.4	29.2	29.9	30.5	31.1	31.6	32.1	32.6	33.0	33.4	33.8
60°	30.3	31.1	31.8	32.4	33.0	33.5	33.9	34.2	34.5	34.7	35.0
57.5°	31.9	32.8	33.4	33.9	34.4	34.9	35.3	35.5	35.6	35.8	35.8
55°	33.4	34.0	34.6	35.1	35.6	36.0	36.3	36.5	36.6	36.6	36.6
52.5°	34.5	35.1	35.7	36.2	36.6	36.9	37.2	37.3	37.4	37.4	37.4
50°	35.5	36.1	36.6	37.0	37.4	37.7	38.0	38.1	38.2	38.2	38.2
47.5°	36.4	36.9	37.4	37.8	38.2	38.6	38.9	39.1	39.2	39.3	39.3
45°	37.1	37.7	38.2	38.8	39.3	39.8	40.2	40.5	40.8	40.9	41.0
42.5°	38.0	38.6	39.2	40.0	40.6	41.2	41.9	42.5	43.2	43.8	44.3
40°	38.9	39.6	40.5	41.3	42.3	43.2	44.7	46.1	47.2	48.1	49.0
37.5°	39.9	40.9	42.0	43.1	44.7	46.4	48.2	50.0	51.5	52.9	54.1
35°	41.1	42.3	43.7	45.7	47.8	49.8	51.9	54.3	56.4	57.9	58.9
32.5°	42.5	44.1	46.3	48.8	51.3	54.0	56.6	59.3	61.3	63.4	65.4
30°	44.0	46.4	49.2	52.3	55.4	58.6	61.9	65.6	69.1	72.9	78.3
27.5°	46.1	48.9	52.2	55.9	59.7	63.4	69.2	75.5	84.9	92.5	105.2
25°	48.2	51.5	55.5	59.7	64.3	71.1	81.7	94.2	116.4	133.6	159.6
22.5°	50.6	54.5	58.9	63.8	71.2	83.9	102.1	134.2	178.9	223.0	272.1
20°	52.9	57.3	62.1	69.5	82.1	102.3	141.4	210.9	288.5	399.0	491.7
17.5°	55.2	59.8	65.9	75.9	94.8	135.3	211.3	330.3	492.3	670.3	818.9
15°	57.2	61.9	70.0	85.9	117.7	181.0	295.7	498.1	770.4	1014.2	1231.7
12.5°	58.8	64.4	74.5	94.0	137.7	231.3	415.3	702.8	1035.3	1377.2	1652.4
10°	60.1	67.1	80.6	109.0	169.5	291.2	515.0	877.7	1278.0	1693.6	2191.1
7.5°	60.8	69.0	85.1	120.1	197.8	357.9	640.0	1033.8	1493.5	2060.9	2821.0
5°	61.3	70.3	88.5	128.4	216.7	402.0	719.0	1152.2	1679.6	2499.8	4064.1
2.5°	61.6	70.9	90.5	133.0	225.3	424.7	774.5	1219.9	1792.7	2809.5	4925.3
0°	61.5	70.6	90.7	134.1	226.6	442.0	783.8	1239.2	1830.9	2837.2	5201.4
-2.5°	61.6	70.9	90.5	133.0	225.3	424.7	774.5	1219.9	1792.7	2809.5	4925.3
-5°	61.3	70.3	88.5	128.4	216.7	402.0	719.0	1152.2	1679.6	2499.8	4064.1
-7.5°	60.8	69.0	85.1	120.1	197.8	357.9	640.0	1033.8	1493.5	2060.9	2821.0
-10°	60.1	67.1	80.6	109.0	169.5	291.2	515.0	877.7	1278.0	1693.6	2191.1
-12.5°	58.8	64.4	74.5	94.0	137.7	231.3	415.3	702.8	1035.3	1377.2	1652.4
-15°	57.2	61.9	70.0	85.9	117.7	181.0	295.7	498.1	770.4	1014.2	1231.7
-17.5°	55.2	59.8	65.9	75.9	94.8	135.3	211.3	330.3	492.3	670.3	818.9
-20°	52.9	57.3	62.1	69.5	82.1	102.3	141.4	210.9	288.5	399.0	491.7



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	50.6	54.5	58.9	63.8	71.2	83.9	102.1	134.2	178.9	223.0	272.1
-25°	48.2	51.5	55.5	59.7	64.3	71.1	81.7	94.2	116.4	133.6	159.6
-27.5°	46.1	48.9	52.2	55.9	59.7	63.4	69.2	75.5	84.9	92.5	105.2
-30°	44.0	46.4	49.2	52.3	55.4	58.6	61.9	65.6	69.1	72.9	78.3
-32.5°	42.5	44.1	46.3	48.8	51.3	54.0	56.6	59.3	61.3	63.4	65.4
-35°	41.1	42.3	43.7	45.7	47.8	49.8	51.9	54.3	56.4	57.9	58.9
-37.5°	39.9	40.9	42.0	43.1	44.7	46.4	48.2	50.0	51.5	52.9	54.1
-40°	38.9	39.6	40.5	41.3	42.3	43.2	44.7	46.1	47.2	48.1	49.0
-42.5°	38.0	38.6	39.2	40.0	40.6	41.2	41.9	42.5	43.2	43.8	44.3
-45°	37.1	37.7	38.2	38.8	39.3	39.8	40.2	40.5	40.8	40.9	41.0
-47.5°	36.4	36.9	37.4	37.8	38.2	38.6	38.9	39.1	39.2	39.3	39.3
-50°	35.5	36.1	36.6	37.0	37.4	37.7	38.0	38.1	38.2	38.2	38.2
-52.5°	34.5	35.1	35.7	36.2	36.6	36.9	37.2	37.3	37.4	37.4	37.4
-55°	33.4	34.0	34.6	35.1	35.6	36.0	36.3	36.5	36.6	36.6	36.6
-57.5°	31.9	32.8	33.4	33.9	34.4	34.9	35.3	35.5	35.6	35.8	35.8
-60°	30.3	31.1	31.8	32.4	33.0	33.5	33.9	34.2	34.5	34.7	35.0
-62.5°	28.4	29.2	29.9	30.5	31.1	31.6	32.1	32.6	33.0	33.4	33.8
-65°	25.9	26.7	27.5	28.3	29.0	29.5	30.0	30.5	31.0	31.4	31.7
-67.5°	23.2	24.0	24.7	25.5	26.1	26.7	27.3	27.8	28.3	28.6	28.8
-70°	20.2	21.0	21.6	22.2	22.8	23.4	24.0	24.5	25.0	25.3	25.5
-72.5°	17.0	17.7	18.4	18.9	19.4	19.8	20.3	20.7	21.1	21.3	21.6
-75°	13.6	14.2	14.7	15.2	15.6	16.1	16.4	16.7	17.0	17.3	17.5
-77.5°	10.1	10.6	11.1	11.5	11.9	12.2	12.5	12.7	12.9	13.1	13.4
-80°	7.1	7.4	7.8	8.1	8.3	8.6	8.8	8.9	9.0	9.2	9.3
-82.5°	4.5	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9	6.0
-85°	2.5	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
-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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2
82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
80°	9.4	9.4	9.5	9.5	9.5	9.4	9.4	9.3	9.2	9.0	8.9
77.5°	13.6	13.7	13.8	13.8	13.8	13.7	13.6	13.4	13.1	12.9	12.7
75°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.5	17.3	17.0	16.7
72.5°	21.7	21.8	22.0	22.1	22.0	21.8	21.7	21.6	21.3	21.1	20.7
70°	25.6	25.7	25.9	26.0	25.9	25.7	25.6	25.5	25.3	25.0	24.5
67.5°	29.0	29.1	29.1	29.0	29.1	29.1	29.0	28.8	28.6	28.3	27.8
65°	31.9	32.2	32.1	32.0	32.1	32.2	31.9	31.7	31.4	31.0	30.5
62.5°	34.1	34.4	34.5	34.5	34.5	34.4	34.1	33.8	33.4	33.0	32.6
60°	35.1	35.2	35.3	35.3	35.3	35.2	35.1	35.0	34.7	34.5	34.2
57.5°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.8	35.8	35.6	35.5
55°	36.7	36.7	36.6	36.5	36.6	36.7	36.7	36.6	36.6	36.6	36.5
52.5°	37.4	37.3	37.2	37.1	37.2	37.3	37.4	37.4	37.4	37.4	37.3
50°	38.1	37.9	37.9	37.9	37.9	37.9	38.1	38.2	38.2	38.2	38.1
47.5°	39.2	39.1	39.1	39.1	39.1	39.1	39.2	39.3	39.3	39.2	39.1
45°	41.1	41.0	41.0	41.0	41.0	41.0	41.1	41.0	40.9	40.8	40.5
42.5°	44.5	44.5	44.5	44.6	44.5	44.5	44.5	44.3	43.8	43.2	42.5
40°	49.3	49.3	49.1	49.1	49.1	49.3	49.3	49.0	48.1	47.2	46.1
37.5°	54.6	54.6	54.4	54.4	54.4	54.6	54.6	54.1	52.9	51.5	50.0
35°	59.5	59.7	59.6	59.4	59.6	59.7	59.5	58.9	57.9	56.4	54.3
32.5°	66.9	68.0	68.6	68.4	68.6	68.0	66.9	65.4	63.4	61.3	59.3
30°	81.7	84.6	86.1	86.8	86.1	84.6	81.7	78.3	72.9	69.1	65.6
27.5°	114.3	120.8	123.7	124.8	123.7	120.8	114.3	105.2	92.5	84.9	75.5
25°	182.4	197.0	204.2	206.5	204.2	197.0	182.4	159.6	133.6	116.4	94.2
22.5°	326.2	354.2	373.4	377.7	373.4	354.2	326.2	272.1	223.0	178.9	134.2
20°	584.9	639.2	668.6	665.9	668.6	639.2	584.9	491.7	399.0	288.5	210.9
17.5°	945.1	1014.7	1047.8	1032.3	1047.8	1014.7	945.1	818.9	670.3	492.3	330.3
15°	1385.5	1479.5	1520.5	1533.1	1520.5	1479.5	1385.5	1231.7	1014.2	770.4	498.1
12.5°	1927.1	2235.2	2382.5	2422.0	2382.5	2235.2	1927.1	1652.4	1377.2	1035.3	702.8
10°	2700.0	3735.5	4351.4	4501.8	4351.4	3735.5	2700.0	2191.1	1693.6	1278.0	877.7
7.5°	4409.3	6513.5	8870.7	9987.0	8870.7	6513.5	4409.3	2821.0	2060.9	1493.5	1033.8
5°	6724.1	11670.2	17127.9	19267.5	17127.9	11670.2	6724.1	4064.1	2499.8	1679.6	1152.2
2.5°	9538.2	17621.1	25162.4	27973.6	25162.4	17621.1	9538.2	4925.3	2809.5	1792.7	1219.9
0°	10727.1	20315.2	27723.5	30131.6	27723.5	20315.2	10727.1	5201.4	2837.2	1830.9	1239.2
-2.5°	9538.2	17621.1	25162.4	27973.6	25162.4	17621.1	9538.2	4925.3	2809.5	1792.7	1219.9
-5°	6724.1	11670.2	17127.9	19267.5	17127.9	11670.2	6724.1	4064.1	2499.8	1679.6	1152.2
-7.5°	4409.3	6513.5	8870.7	9987.0	8870.7	6513.5	4409.3	2821.0	2060.9	1493.5	1033.8
-10°	2700.0	3735.5	4351.4	4501.8	4351.4	3735.5	2700.0	2191.1	1693.6	1278.0	877.7
-12.5°	1927.1	2235.2	2382.5	2422.0	2382.5	2235.2	1927.1	1652.4	1377.2	1035.3	702.8
-15°	1385.5	1479.5	1520.5	1533.1	1520.5	1479.5	1385.5	1231.7	1014.2	770.4	498.1
-17.5°	945.1	1014.7	1047.8	1032.3	1047.8	1014.7	945.1	818.9	670.3	492.3	330.3
-20°	584.9	639.2	668.6	665.9	668.6	639.2	584.9	491.7	399.0	288.5	210.9



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	326.2	354.2	373.4	377.7	373.4	354.2	326.2	272.1	223.0	178.9	134.2
-25°	182.4	197.0	204.2	206.5	204.2	197.0	182.4	159.6	133.6	116.4	94.2
-27.5°	114.3	120.8	123.7	124.8	123.7	120.8	114.3	105.2	92.5	84.9	75.5
-30°	81.7	84.6	86.1	86.8	86.1	84.6	81.7	78.3	72.9	69.1	65.6
-32.5°	66.9	68.0	68.6	68.4	68.6	68.0	66.9	65.4	63.4	61.3	59.3
-35°	59.5	59.7	59.6	59.4	59.6	59.7	59.5	58.9	57.9	56.4	54.3
-37.5°	54.6	54.6	54.4	54.4	54.4	54.6	54.6	54.1	52.9	51.5	50.0
-40°	49.3	49.3	49.1	49.1	49.1	49.3	49.3	49.0	48.1	47.2	46.1
-42.5°	44.5	44.5	44.5	44.6	44.5	44.5	44.5	44.3	43.8	43.2	42.5
-45°	41.1	41.0	41.0	41.0	41.0	41.0	41.1	41.0	40.9	40.8	40.5
-47.5°	39.2	39.1	39.1	39.1	39.1	39.1	39.2	39.3	39.3	39.2	39.1
-50°	38.1	37.9	37.9	37.9	37.9	37.9	38.1	38.2	38.2	38.2	38.1
-52.5°	37.4	37.3	37.2	37.1	37.2	37.3	37.4	37.4	37.4	37.4	37.3
-55°	36.7	36.7	36.6	36.5	36.6	36.7	36.7	36.6	36.6	36.6	36.5
-57.5°	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.8	35.8	35.6	35.5
-60°	35.1	35.2	35.3	35.3	35.3	35.2	35.1	35.0	34.7	34.5	34.2
-62.5°	34.1	34.4	34.5	34.5	34.5	34.4	34.1	33.8	33.4	33.0	32.6
-65°	31.9	32.2	32.1	32.0	32.1	32.2	31.9	31.7	31.4	31.0	30.5
-67.5°	29.0	29.1	29.1	29.0	29.1	29.1	29.0	28.8	28.6	28.3	27.8
-70°	25.6	25.7	25.9	26.0	25.9	25.7	25.6	25.5	25.3	25.0	24.5
-72.5°	21.7	21.8	22.0	22.1	22.0	21.8	21.7	21.6	21.3	21.1	20.7
-75°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.5	17.3	17.0	16.7
-77.5°	13.6	13.7	13.8	13.8	13.8	13.7	13.6	13.4	13.1	12.9	12.7
-80°	9.4	9.4	9.5	9.5	9.5	9.4	9.4	9.3	9.2	9.0	8.9
-82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.2	3.2
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
-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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
85°	3.1	3.1	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1
82.5°	5.6	5.5	5.3	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.4
80°	8.8	8.6	8.3	8.1	7.8	7.4	7.1	6.7	6.3	5.9	5.6
77.5°	12.5	12.2	11.9	11.5	11.1	10.6	10.1	9.7	9.2	8.7	8.2
75°	16.4	16.1	15.6	15.2	14.7	14.2	13.6	12.9	12.3	11.6	10.9
72.5°	20.3	19.8	19.4	18.9	18.4	17.7	17.0	16.2	15.4	14.5	13.6
70°	24.0	23.4	22.8	22.2	21.6	21.0	20.2	19.5	18.6	17.6	16.5
67.5°	27.3	26.7	26.1	25.5	24.7	24.0	23.2	22.4	21.5	20.5	19.3
65°	30.0	29.5	29.0	28.3	27.5	26.7	25.9	25.0	24.1	23.2	22.0
62.5°	32.1	31.6	31.1	30.5	29.9	29.2	28.4	27.4	26.5	25.5	24.3
60°	33.9	33.5	33.0	32.4	31.8	31.1	30.3	29.5	28.6	27.5	26.4
57.5°	35.3	34.9	34.4	33.9	33.4	32.8	31.9	31.1	30.2	29.3	28.3
55°	36.3	36.0	35.6	35.1	34.6	34.0	33.4	32.6	31.7	30.8	29.8
52.5°	37.2	36.9	36.6	36.2	35.7	35.1	34.5	33.8	33.1	32.2	31.2
50°	38.0	37.7	37.4	37.0	36.6	36.1	35.5	34.9	34.2	33.4	32.5
47.5°	38.9	38.6	38.2	37.8	37.4	36.9	36.4	35.9	35.2	34.5	33.6
45°	40.2	39.8	39.3	38.8	38.2	37.7	37.1	36.6	36.1	35.4	34.7
42.5°	41.9	41.2	40.6	40.0	39.2	38.6	38.0	37.4	36.9	36.3	35.5
40°	44.7	43.2	42.3	41.3	40.5	39.6	38.9	38.2	37.6	37.0	36.2
37.5°	48.2	46.4	44.7	43.1	42.0	40.9	39.9	39.1	38.3	37.6	36.9
35°	51.9	49.8	47.8	45.7	43.7	42.3	41.1	40.1	39.1	38.2	37.5
32.5°	56.6	54.0	51.3	48.8	46.3	44.1	42.5	41.1	40.0	38.9	38.0
30°	61.9	58.6	55.4	52.3	49.2	46.4	44.0	42.3	40.8	39.6	38.6
27.5°	69.2	63.4	59.7	55.9	52.2	48.9	46.1	43.5	41.7	40.3	39.2
25°	81.7	71.1	64.3	59.7	55.5	51.5	48.2	45.3	42.8	41.0	39.6
22.5°	102.1	83.9	71.2	63.8	58.9	54.5	50.6	47.1	43.8	41.7	40.1
20°	141.4	102.3	82.1	69.5	62.1	57.3	52.9	49.0	45.2	42.4	40.5
17.5°	211.3	135.3	94.8	75.9	65.9	59.8	55.2	50.7	46.6	43.0	40.9
15°	295.7	181.0	117.7	85.9	70.0	61.9	57.2	52.2	47.8	43.8	41.3
12.5°	415.3	231.3	137.7	94.0	74.5	64.4	58.8	53.8	49.0	44.6	41.7
10°	515.0	291.2	169.5	109.0	80.6	67.1	60.1	54.7	49.6	45.2	41.9
7.5°	640.0	357.9	197.8	120.1	85.1	69.0	60.8	55.2	49.9	45.6	42.0
5°	719.0	402.0	216.7	128.4	88.5	70.3	61.3	55.4	50.0	45.7	42.0
2.5°	774.5	424.7	225.3	133.0	90.5	70.9	61.6	55.6	50.3	45.8	42.3
0°	783.8	442.0	226.6	134.1	90.7	70.6	61.5	55.6	50.5	45.8	42.4
-2.5°	774.5	424.7	225.3	133.0	90.5	70.9	61.6	55.6	50.3	45.8	42.3
-5°	719.0	402.0	216.7	128.4	88.5	70.3	61.3	55.4	50.0	45.7	42.0
-7.5°	640.0	357.9	197.8	120.1	85.1	69.0	60.8	55.2	49.9	45.6	42.0
-10°	515.0	291.2	169.5	109.0	80.6	67.1	60.1	54.7	49.6	45.2	41.9
-12.5°	415.3	231.3	137.7	94.0	74.5	64.4	58.8	53.8	49.0	44.6	41.7
-15°	295.7	181.0	117.7	85.9	70.0	61.9	57.2	52.2	47.8	43.8	41.3
-17.5°	211.3	135.3	94.8	75.9	65.9	59.8	55.2	50.7	46.6	43.0	40.9
-20°	141.4	102.3	82.1	69.5	62.1	57.3	52.9	49.0	45.2	42.4	40.5



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	102.1	83.9	71.2	63.8	58.9	54.5	50.6	47.1	43.8	41.7	40.1
-25°	81.7	71.1	64.3	59.7	55.5	51.5	48.2	45.3	42.8	41.0	39.6
-27.5°	69.2	63.4	59.7	55.9	52.2	48.9	46.1	43.5	41.7	40.3	39.2
-30°	61.9	58.6	55.4	52.3	49.2	46.4	44.0	42.3	40.8	39.6	38.6
-32.5°	56.6	54.0	51.3	48.8	46.3	44.1	42.5	41.1	40.0	38.9	38.0
-35°	51.9	49.8	47.8	45.7	43.7	42.3	41.1	40.1	39.1	38.2	37.5
-37.5°	48.2	46.4	44.7	43.1	42.0	40.9	39.9	39.1	38.3	37.6	36.9
-40°	44.7	43.2	42.3	41.3	40.5	39.6	38.9	38.2	37.6	37.0	36.2
-42.5°	41.9	41.2	40.6	40.0	39.2	38.6	38.0	37.4	36.9	36.3	35.5
-45°	40.2	39.8	39.3	38.8	38.2	37.7	37.1	36.6	36.1	35.4	34.7
-47.5°	38.9	38.6	38.2	37.8	37.4	36.9	36.4	35.9	35.2	34.5	33.6
-50°	38.0	37.7	37.4	37.0	36.6	36.1	35.5	34.9	34.2	33.4	32.5
-52.5°	37.2	36.9	36.6	36.2	35.7	35.1	34.5	33.8	33.1	32.2	31.2
-55°	36.3	36.0	35.6	35.1	34.6	34.0	33.4	32.6	31.7	30.8	29.8
-57.5°	35.3	34.9	34.4	33.9	33.4	32.8	31.9	31.1	30.2	29.3	28.3
-60°	33.9	33.5	33.0	32.4	31.8	31.1	30.3	29.5	28.6	27.5	26.4
-62.5°	32.1	31.6	31.1	30.5	29.9	29.2	28.4	27.4	26.5	25.5	24.3
-65°	30.0	29.5	29.0	28.3	27.5	26.7	25.9	25.0	24.1	23.2	22.0
-67.5°	27.3	26.7	26.1	25.5	24.7	24.0	23.2	22.4	21.5	20.5	19.3
-70°	24.0	23.4	22.8	22.2	21.6	21.0	20.2	19.5	18.6	17.6	16.5
-72.5°	20.3	19.8	19.4	18.9	18.4	17.7	17.0	16.2	15.4	14.5	13.6
-75°	16.4	16.1	15.6	15.2	14.7	14.2	13.6	12.9	12.3	11.6	10.9
-77.5°	12.5	12.2	11.9	11.5	11.1	10.6	10.1	9.7	9.2	8.7	8.2
-80°	8.8	8.6	8.3	8.1	7.8	7.4	7.1	6.7	6.3	5.9	5.6
-82.5°	5.6	5.5	5.3	5.2	5.0	4.8	4.5	4.3	4.0	3.7	3.4
-85°	3.1	3.1	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.2	2.1
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
85°	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	3.1	3.0	2.8	2.7	2.6	2.4	2.2	2.0	1.7	1.5	1.3
80°	5.2	4.9	4.5	4.1	3.8	3.5	3.2	3.0	2.6	2.2	1.8
77.5°	7.6	7.0	6.4	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4
75°	10.1	9.3	8.6	7.8	6.9	6.1	5.5	4.9	4.3	3.6	3.0
72.5°	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.9	5.2	4.5	3.7
70°	15.4	14.3	13.2	12.0	10.8	9.5	8.4	7.3	6.1	5.3	4.4
67.5°	18.1	16.8	15.5	14.2	12.8	11.4	10.0	8.7	7.4	6.1	5.1
65°	20.6	19.2	17.8	16.3	14.8	13.2	11.7	10.1	8.6	7.2	5.9
62.5°	23.0	21.6	20.0	18.4	16.7	15.0	13.3	11.6	9.8	8.2	6.7
60°	25.1	23.7	22.2	20.5	18.7	16.8	14.9	13.0	11.1	9.2	7.6
57.5°	27.0	25.7	24.1	22.5	20.6	18.6	16.5	14.5	12.4	10.3	8.4
55°	28.7	27.4	25.9	24.3	22.4	20.3	18.1	15.9	13.6	11.4	9.2
52.5°	30.1	28.9	27.5	25.9	24.1	22.0	19.7	17.3	14.9	12.5	10.2
50°	31.4	30.3	28.9	27.4	25.6	23.5	21.2	18.7	16.1	13.5	11.1
47.5°	32.6	31.5	30.2	28.7	26.9	25.0	22.6	20.0	17.3	14.6	12.0
45°	33.7	32.6	31.3	29.9	28.2	26.2	23.9	21.4	18.4	15.6	12.8
42.5°	34.6	33.5	32.4	31.0	29.3	27.3	25.1	22.5	19.6	16.5	13.6
40°	35.4	34.4	33.3	31.9	30.3	28.4	26.2	23.6	20.7	17.5	14.4
37.5°	36.0	35.1	34.0	32.7	31.2	29.3	27.1	24.6	21.7	18.4	15.2
35°	36.6	35.7	34.6	33.4	31.9	30.1	28.1	25.5	22.6	19.3	15.9
32.5°	37.2	36.2	35.1	34.0	32.6	30.9	28.8	26.3	23.4	20.1	16.6
30°	37.7	36.7	35.6	34.5	33.2	31.6	29.5	27.0	24.1	20.9	17.2
27.5°	38.1	37.0	36.1	34.9	33.6	32.1	30.1	27.7	24.8	21.5	17.8
25°	38.5	37.4	36.4	35.3	34.0	32.6	30.7	28.3	25.3	22.1	18.4
22.5°	38.9	37.7	36.6	35.6	34.3	33.1	31.1	28.7	25.8	22.6	18.9
20°	39.2	38.0	36.8	35.9	34.6	33.4	31.5	29.1	26.3	23.0	19.4
17.5°	39.5	38.2	37.1	36.0	34.9	33.6	31.9	29.5	26.6	23.4	19.7
15°	39.7	38.4	37.2	36.2	35.0	33.8	32.2	29.8	27.0	23.7	20.1
12.5°	39.9	38.5	37.4	36.3	35.2	34.0	32.5	30.1	27.3	24.0	20.4
10°	40.1	38.6	37.5	36.3	35.3	34.1	32.7	30.3	27.5	24.2	20.6
7.5°	40.2	38.6	37.5	36.4	35.4	34.2	32.8	30.5	27.7	24.4	20.7
5°	40.3	38.7	37.6	36.4	35.4	34.2	32.9	30.6	27.8	24.5	20.9
2.5°	40.5	38.8	37.7	36.5	35.5	34.3	32.9	30.6	27.8	24.5	20.9
0°	40.6	38.9	37.7	36.5	35.5	34.3	32.9	30.6	27.8	24.5	20.9
-2.5°	40.5	38.8	37.7	36.5	35.5	34.3	32.9	30.6	27.8	24.5	20.9
-5°	40.3	38.7	37.6	36.4	35.4	34.2	32.9	30.6	27.8	24.5	20.9
-7.5°	40.2	38.6	37.5	36.4	35.4	34.2	32.8	30.5	27.7	24.4	20.7
-10°	40.1	38.6	37.5	36.3	35.3	34.1	32.7	30.3	27.5	24.2	20.6
-12.5°	39.9	38.5	37.4	36.3	35.2	34.0	32.5	30.1	27.3	24.0	20.4
-15°	39.7	38.4	37.2	36.2	35.0	33.8	32.2	29.8	27.0	23.7	20.1
-17.5°	39.5	38.2	37.1	36.0	34.9	33.6	31.9	29.5	26.6	23.4	19.7
-20°	39.2	38.0	36.8	35.9	34.6	33.4	31.5	29.1	26.3	23.0	19.4



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	38.9	37.7	36.6	35.6	34.3	33.1	31.1	28.7	25.8	22.6	18.9
-25°	38.5	37.4	36.4	35.3	34.0	32.6	30.7	28.3	25.3	22.1	18.4
-27.5°	38.1	37.0	36.1	34.9	33.6	32.1	30.1	27.7	24.8	21.5	17.8
-30°	37.7	36.7	35.6	34.5	33.2	31.6	29.5	27.0	24.1	20.9	17.2
-32.5°	37.2	36.2	35.1	34.0	32.6	30.9	28.8	26.3	23.4	20.1	16.6
-35°	36.6	35.7	34.6	33.4	31.9	30.1	28.1	25.5	22.6	19.3	15.9
-37.5°	36.0	35.1	34.0	32.7	31.2	29.3	27.1	24.6	21.7	18.4	15.2
-40°	35.4	34.4	33.3	31.9	30.3	28.4	26.2	23.6	20.7	17.5	14.4
-42.5°	34.6	33.5	32.4	31.0	29.3	27.3	25.1	22.5	19.6	16.5	13.6
-45°	33.7	32.6	31.3	29.9	28.2	26.2	23.9	21.4	18.4	15.6	12.8
-47.5°	32.6	31.5	30.2	28.7	26.9	25.0	22.6	20.0	17.3	14.6	12.0
-50°	31.4	30.3	28.9	27.4	25.6	23.5	21.2	18.7	16.1	13.5	11.1
-52.5°	30.1	28.9	27.5	25.9	24.1	22.0	19.7	17.3	14.9	12.5	10.2
-55°	28.7	27.4	25.9	24.3	22.4	20.3	18.1	15.9	13.6	11.4	9.2
-57.5°	27.0	25.7	24.1	22.5	20.6	18.6	16.5	14.5	12.4	10.3	8.4
-60°	25.1	23.7	22.2	20.5	18.7	16.8	14.9	13.0	11.1	9.2	7.6
-62.5°	23.0	21.6	20.0	18.4	16.7	15.0	13.3	11.6	9.8	8.2	6.7
-65°	20.6	19.2	17.8	16.3	14.8	13.2	11.7	10.1	8.6	7.2	5.9
-67.5°	18.1	16.8	15.5	14.2	12.8	11.4	10.0	8.7	7.4	6.1	5.1
-70°	15.4	14.3	13.2	12.0	10.8	9.5	8.4	7.3	6.1	5.3	4.4
-72.5°	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.9	5.2	4.5	3.7
-75°	10.1	9.3	8.6	7.8	6.9	6.1	5.5	4.9	4.3	3.6	3.0
-77.5°	7.6	7.0	6.4	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4
-80°	5.2	4.9	4.5	4.1	3.8	3.5	3.2	3.0	2.6	2.2	1.8
-82.5°	3.1	3.0	2.8	2.7	2.6	2.4	2.2	2.0	1.7	1.5	1.3
-85°	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	1.0	0.8
-87.5°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
-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: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.6	0.3	0.0
77.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
75°	2.5	2.0	1.6	1.2	0.8	0.4	0.0
72.5°	3.0	2.5	1.9	1.4	1.0	0.5	0.0
70°	3.5	2.9	2.3	1.6	1.1	0.5	0.0
67.5°	4.2	3.3	2.6	1.9	1.2	0.6	0.0
65°	4.8	3.8	2.9	2.1	1.4	0.7	0.0
62.5°	5.4	4.3	3.3	2.4	1.5	0.7	0.0
60°	6.0	4.8	3.6	2.6	1.6	0.8	0.0
57.5°	6.7	5.3	4.0	2.8	1.8	0.9	0.0
55°	7.4	5.7	4.3	3.1	1.9	0.9	0.0
52.5°	8.1	6.2	4.7	3.3	2.1	1.0	0.0
50°	8.8	6.7	5.0	3.5	2.2	1.0	0.0
47.5°	9.4	7.3	5.3	3.7	2.3	1.1	0.0
45°	10.1	7.8	5.7	4.0	2.5	1.1	0.0
42.5°	10.8	8.3	6.0	4.2	2.6	1.2	0.0
40°	11.5	8.7	6.3	4.4	2.7	1.2	0.0
37.5°	12.1	9.2	6.6	4.6	2.8	1.3	0.0
35°	12.7	9.6	7.0	4.8	2.9	1.3	0.0
32.5°	13.2	10.1	7.3	4.9	3.0	1.3	0.0
30°	13.8	10.5	7.6	5.1	3.1	1.4	0.0
27.5°	14.3	10.9	7.8	5.2	3.2	1.4	0.0
25°	14.7	11.2	8.1	5.4	3.3	1.5	0.0
22.5°	15.2	11.6	8.3	5.5	3.4	1.5	0.0
20°	15.5	11.9	8.5	5.6	3.4	1.5	0.0
17.5°	15.9	12.1	8.7	5.7	3.5	1.5	0.0
15°	16.2	12.4	8.8	5.7	3.6	1.5	0.0
12.5°	16.4	12.6	9.0	5.8	3.6	1.6	0.0
10°	16.6	12.7	9.1	5.8	3.6	1.6	0.0
7.5°	16.8	12.8	9.2	5.9	3.7	1.6	0.0
5°	16.9	12.9	9.2	5.9	3.7	1.6	0.0
2.5°	17.0	13.0	9.3	5.9	3.7	1.6	0.0
0°	17.0	13.0	9.3	5.9	3.7	1.6	0.0
-2.5°	17.0	13.0	9.3	5.9	3.7	1.6	0.0
-5°	16.9	12.9	9.2	5.9	3.7	1.6	0.0
-7.5°	16.8	12.8	9.2	5.9	3.7	1.6	0.0
-10°	16.6	12.7	9.1	5.8	3.6	1.6	0.0
-12.5°	16.4	12.6	9.0	5.8	3.6	1.6	0.0
-15°	16.2	12.4	8.8	5.7	3.6	1.5	0.0
-17.5°	15.9	12.1	8.7	5.7	3.5	1.5	0.0
-20°	15.5	11.9	8.5	5.6	3.4	1.5	0.0



REPORT NUMBER: P558480 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.2	11.6	8.3	5.5	3.4	1.5	0.0
-25°	14.7	11.2	8.1	5.4	3.3	1.5	0.0
-27.5°	14.3	10.9	7.8	5.2	3.2	1.4	0.0
-30°	13.8	10.5	7.6	5.1	3.1	1.4	0.0
-32.5°	13.2	10.1	7.3	4.9	3.0	1.3	0.0
-35°	12.7	9.6	7.0	4.8	2.9	1.3	0.0
-37.5°	12.1	9.2	6.6	4.6	2.8	1.3	0.0
-40°	11.5	8.7	6.3	4.4	2.7	1.2	0.0
-42.5°	10.8	8.3	6.0	4.2	2.6	1.2	0.0
-45°	10.1	7.8	5.7	4.0	2.5	1.1	0.0
-47.5°	9.4	7.3	5.3	3.7	2.3	1.1	0.0
-50°	8.8	6.7	5.0	3.5	2.2	1.0	0.0
-52.5°	8.1	6.2	4.7	3.3	2.1	1.0	0.0
-55°	7.4	5.7	4.3	3.1	1.9	0.9	0.0
-57.5°	6.7	5.3	4.0	2.8	1.8	0.9	0.0
-60°	6.0	4.8	3.6	2.6	1.6	0.8	0.0
-62.5°	5.4	4.3	3.3	2.4	1.5	0.7	0.0
-65°	4.8	3.8	2.9	2.1	1.4	0.7	0.0
-67.5°	4.2	3.3	2.6	1.9	1.2	0.6	0.0
-70°	3.5	2.9	2.3	1.6	1.1	0.5	0.0
-72.5°	3.0	2.5	1.9	1.4	1.0	0.5	0.0
-75°	2.5	2.0	1.6	1.2	0.8	0.4	0.0
-77.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-80°	1.5	1.3	1.0	0.8	0.6	0.3	0.0
-82.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)