

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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-930-U-TSB-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

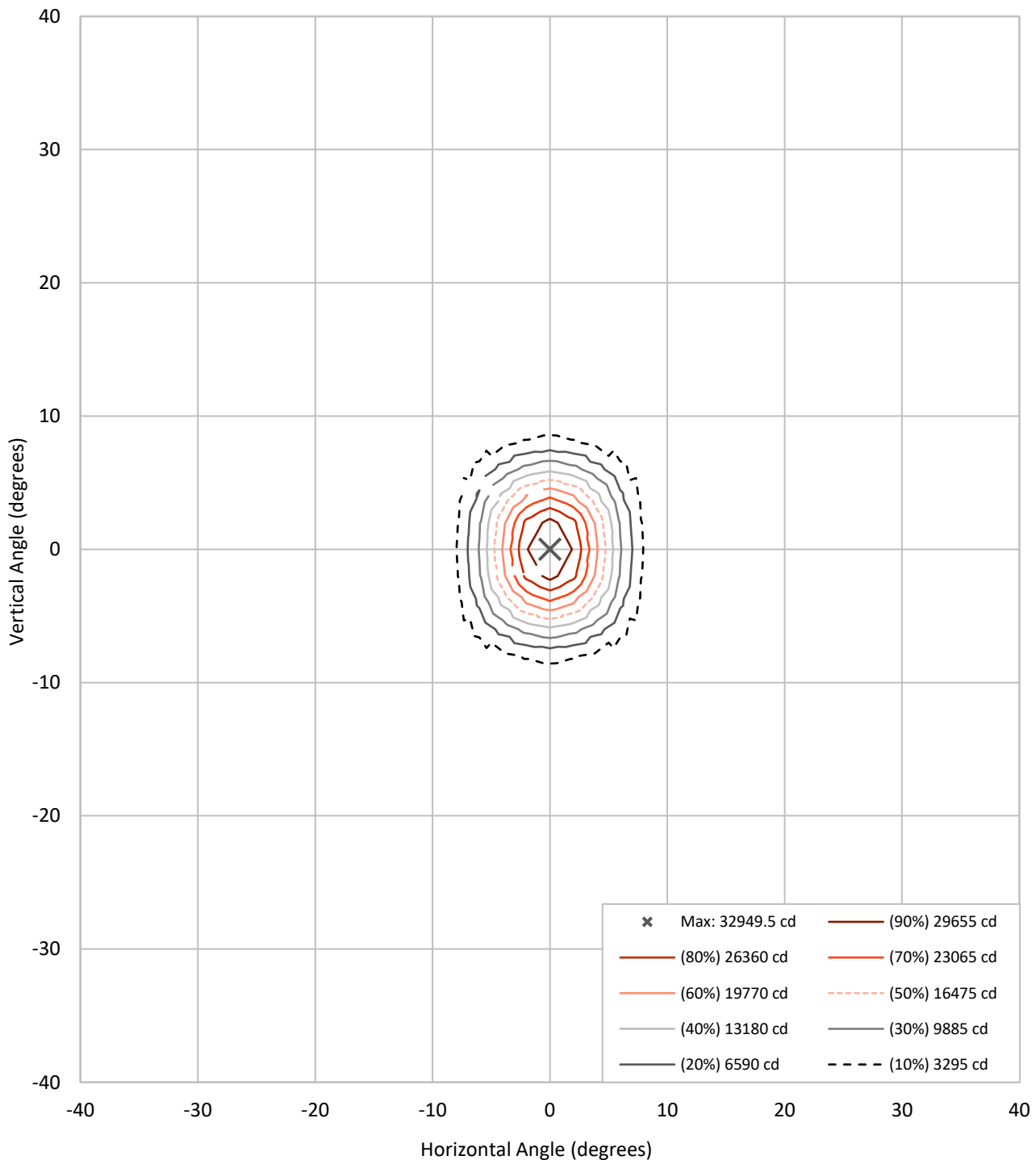
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	1283.1 lumens	Max Intensity:	32949.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	550 lumens	Field Lumens:	947.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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



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### Iso-Candela Plot





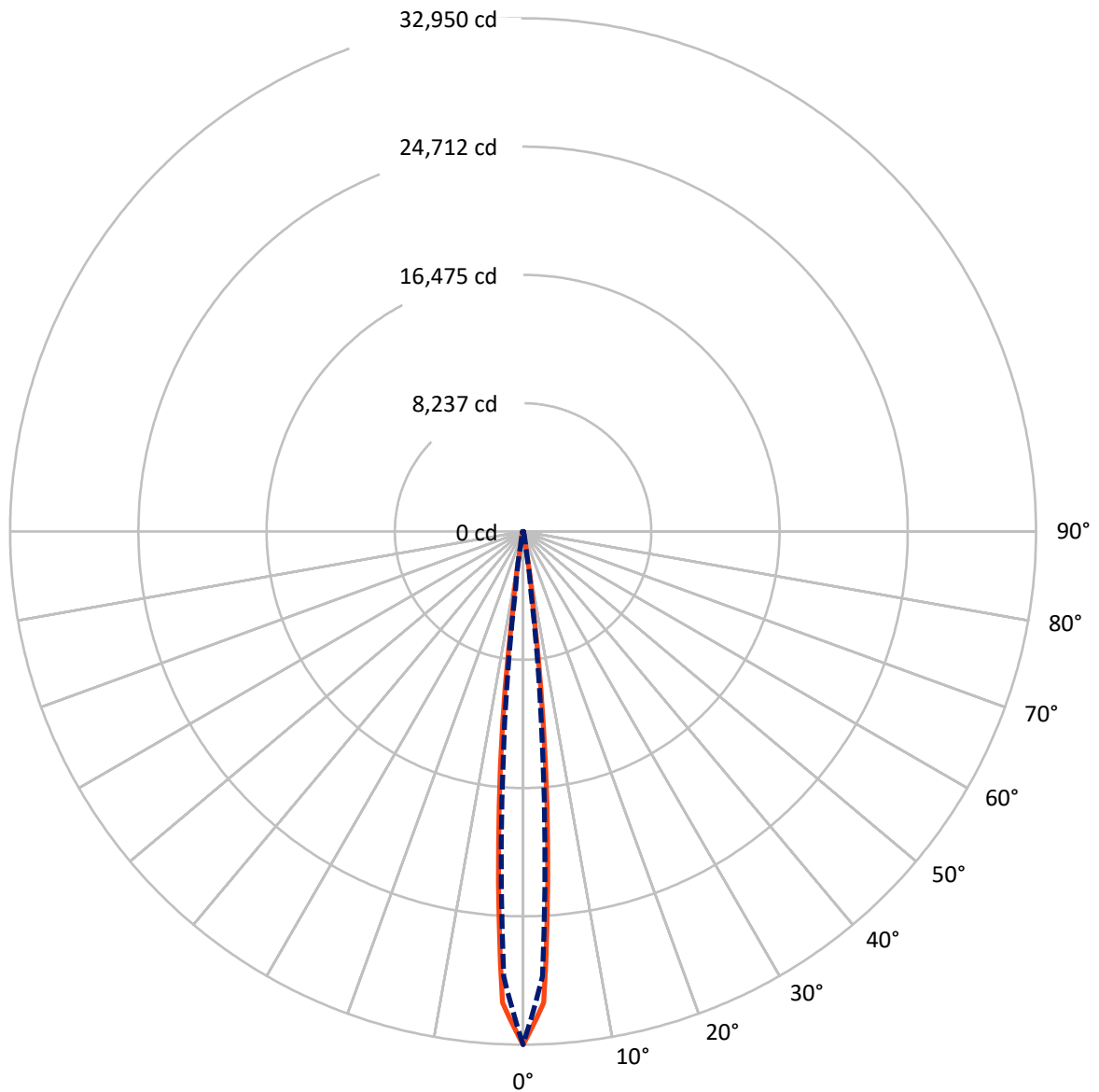
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### Lumen Table

90	0.0	0.0	0.1	0.3	0.5	0.3	0.1	0.0	0.0							
80	0.0	0.0	0.1	0.3	0.5	0.3	0.1	0.0	0.0							
70	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.8	0.8	0.5	0.3	0.2	0.1	0.1	0.0	0.0
60		0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.1	0.1	
50	0.1	0.1	0.2	0.4	0.7	1.1	1.4	1.7	1.7	1.4	1.1	0.7	0.4	0.2	0.1	0.1
40		0.1	0.3	0.6	1.1	1.5	1.7	1.8	1.8	1.7	1.5	1.1	0.6	0.3	0.1	
30	0.1	0.2	0.4	0.9	1.4	1.7	2.3	3.0	3.0	2.3	1.7	1.4	0.9	0.4	0.2	0.1
20		0.3	0.5	1.1	1.5	2.2	4.4	8.8	8.8	4.4	2.2	1.5	1.1	0.5	0.3	
10	0.1	0.3	0.7	1.2	1.6	2.8	8.7	257.8	257.8	8.7	2.8	1.6	1.2	0.7	0.3	0.1
0		0.3	0.7	1.2	1.6	2.8	8.7	257.8	257.8	8.7	2.8	1.6	1.2	0.7	0.3	
-10	0.1	0.3	0.5	1.1	1.5	2.2	4.4	8.8	8.8	4.4	2.2	1.5	1.1	0.5	0.3	0.1
-20		0.2	0.4	0.9	1.4	1.7	2.3	3.0	3.0	2.3	1.7	1.4	0.9	0.4	0.2	
-30	0.1	0.1	0.3	0.6	1.1	1.5	1.7	1.8	1.8	1.7	1.5	1.1	0.6	0.3	0.1	0.1
-40		0.1	0.2	0.4	0.7	1.1	1.4	1.7	1.7	1.4	1.1	0.7	0.4	0.2	0.1	
-50	0.0	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.3	0.1	0.1	0.0
-60		0.0	0.1	0.1	0.2	0.3	0.5	0.8	0.8	0.5	0.3	0.2	0.1	0.1	0.0	
-70	0.0	0.0	0.1	0.3	0.5	0.3	0.1	0.0	0.0							
-80	0.0	0.0	0.1	0.3	0.5	0.3	0.1	0.0	0.0							
-90	0.0	0.0	0.1	0.3	0.5	0.3	0.1	0.0	0.0							

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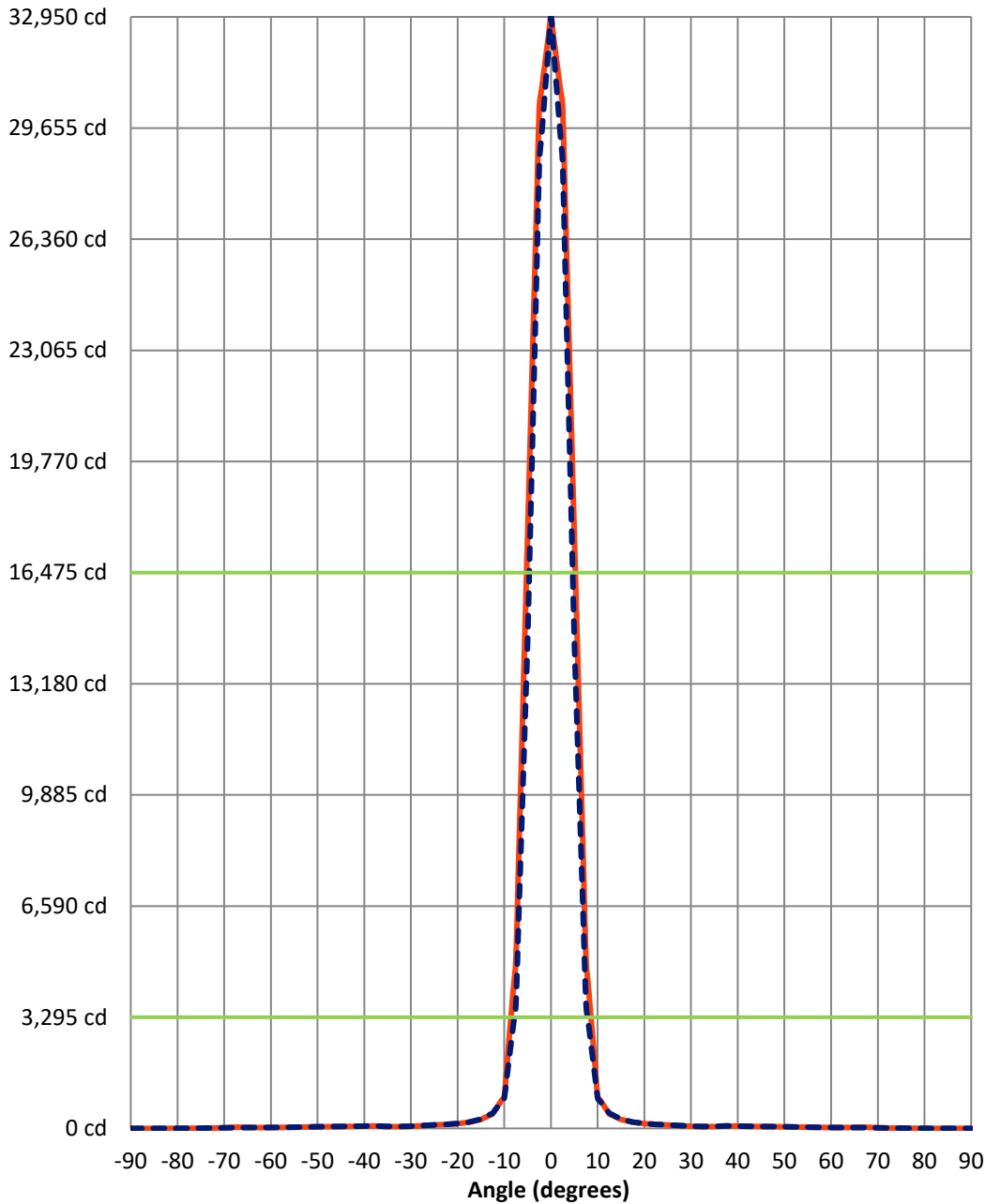
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 550  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 947.9  
Efficiency: 73.9%

**Spill:**  
Lumens: 335.2  
Efficiency: 26.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.7
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.8	1.0
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.7	0.8	1.1	1.3
65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1	1.4	1.7
62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.1	1.4	1.8	2.2
60°	0.0	0.2	0.4	0.4	0.4	0.7	0.9	1.4	1.7	2.3	2.7
57.5°	0.0	0.2	0.4	0.4	0.5	0.8	1.2	1.6	2.2	2.7	3.3
55°	0.0	0.2	0.4	0.4	0.6	0.9	1.4	1.9	2.6	3.2	3.8
52.5°	0.0	0.2	0.4	0.4	0.7	1.0	1.7	2.3	3.0	3.8	4.5
50°	0.0	0.3	0.4	0.4	0.8	1.3	2.0	2.8	3.5	4.4	5.2
47.5°	0.0	0.3	0.4	0.4	0.9	1.5	2.3	3.2	4.0	4.9	6.0
45°	0.0	0.3	0.4	0.5	0.9	1.8	2.7	3.7	4.6	5.7	6.9
42.5°	0.0	0.3	0.4	0.5	1.0	2.0	3.1	4.3	5.3	6.5	7.8
40°	0.0	0.3	0.4	0.6	1.2	2.2	3.6	4.9	6.0	7.3	8.9
37.5°	0.0	0.3	0.4	0.7	1.3	2.5	4.0	5.5	6.9	8.3	9.9
35°	0.0	0.3	0.5	0.7	1.5	2.8	4.4	6.1	7.7	9.5	10.9
32.5°	0.0	0.3	0.5	0.8	1.7	3.1	4.9	6.7	8.6	10.7	12.2
30°	0.0	0.3	0.5	0.8	1.9	3.5	5.4	7.4	9.5	11.9	13.7
27.5°	0.0	0.4	0.5	0.8	2.0	3.8	5.9	8.1	10.4	13.2	15.2
25°	0.0	0.4	0.5	0.9	2.1	4.1	6.4	8.8	11.5	14.5	17.0
22.5°	0.0	0.4	0.5	0.9	2.2	4.4	6.9	9.5	12.5	15.9	18.4
20°	0.0	0.4	0.5	0.9	2.2	4.5	7.3	10.2	13.5	17.3	19.9
17.5°	0.0	0.4	0.5	0.9	2.2	4.5	7.6	10.8	14.6	18.8	21.3
15°	0.0	0.4	0.5	0.9	2.3	4.5	7.7	11.3	15.6	20.4	22.7
12.5°	0.0	0.4	0.5	0.9	2.3	4.5	7.8	11.5	16.2	21.9	24.0
10°	0.0	0.4	0.6	0.9	2.3	4.5	7.8	11.8	16.5	22.5	25.0
7.5°	0.0	0.4	0.6	0.9	2.2	4.4	7.8	11.9	16.8	22.8	25.2
5°	0.0	0.4	0.6	0.9	2.2	4.3	7.7	12.1	17.0	23.1	25.3
2.5°	0.0	0.4	0.6	0.9	2.2	4.2	7.6	12.2	17.1	23.2	25.4
0°	0.0	0.4	0.6	0.9	2.1	4.1	7.5	12.2	17.1	23.2	25.5
-2.5°	0.0	0.4	0.6	0.9	2.2	4.2	7.6	12.2	17.1	23.2	25.4
-5°	0.0	0.4	0.6	0.9	2.2	4.3	7.7	12.1	17.0	23.1	25.3
-7.5°	0.0	0.4	0.6	0.9	2.2	4.4	7.8	11.9	16.8	22.8	25.2
-10°	0.0	0.4	0.6	0.9	2.3	4.5	7.8	11.8	16.5	22.5	25.0
-12.5°	0.0	0.4	0.5	0.9	2.3	4.5	7.8	11.5	16.2	21.9	24.0
-15°	0.0	0.4	0.5	0.9	2.3	4.5	7.7	11.3	15.6	20.4	22.7
-17.5°	0.0	0.4	0.5	0.9	2.2	4.5	7.6	10.8	14.6	18.8	21.3
-20°	0.0	0.4	0.5	0.9	2.2	4.5	7.3	10.2	13.5	17.3	19.9



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.5	0.9	2.2	4.4	6.9	9.5	12.5	15.9	18.4
-25°	0.0	0.4	0.5	0.9	2.1	4.1	6.4	8.8	11.5	14.5	17.0
-27.5°	0.0	0.4	0.5	0.8	2.0	3.8	5.9	8.1	10.4	13.2	15.2
-30°	0.0	0.3	0.5	0.8	1.9	3.5	5.4	7.4	9.5	11.9	13.7
-32.5°	0.0	0.3	0.5	0.8	1.7	3.1	4.9	6.7	8.6	10.7	12.2
-35°	0.0	0.3	0.5	0.7	1.5	2.8	4.4	6.1	7.7	9.5	10.9
-37.5°	0.0	0.3	0.4	0.7	1.3	2.5	4.0	5.5	6.9	8.3	9.9
-40°	0.0	0.3	0.4	0.6	1.2	2.2	3.6	4.9	6.0	7.3	8.9
-42.5°	0.0	0.3	0.4	0.5	1.0	2.0	3.1	4.3	5.3	6.5	7.8
-45°	0.0	0.3	0.4	0.5	0.9	1.8	2.7	3.7	4.6	5.7	6.9
-47.5°	0.0	0.3	0.4	0.4	0.9	1.5	2.3	3.2	4.0	4.9	6.0
-50°	0.0	0.3	0.4	0.4	0.8	1.3	2.0	2.8	3.5	4.4	5.2
-52.5°	0.0	0.2	0.4	0.4	0.7	1.0	1.7	2.3	3.0	3.8	4.5
-55°	0.0	0.2	0.4	0.4	0.6	0.9	1.4	1.9	2.6	3.2	3.8
-57.5°	0.0	0.2	0.4	0.4	0.5	0.8	1.2	1.6	2.2	2.7	3.3
-60°	0.0	0.2	0.4	0.4	0.4	0.7	0.9	1.4	1.7	2.3	2.7
-62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.8	1.1	1.4	1.8	2.2
-65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.8	1.1	1.4	1.7
-67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.7	0.8	1.1	1.3
-70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.7	0.8	1.0
-72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.7
-75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
80°	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.9
77.5°	0.5	0.5	0.6	0.7	0.7	0.9	1.0	1.1	1.3	1.4	1.6
75°	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8	2.1	2.3	2.6
72.5°	0.9	1.1	1.4	1.6	2.0	2.2	2.5	2.7	3.1	3.6	3.9
70°	1.2	1.5	1.9	2.3	2.7	3.1	3.6	4.2	4.8	5.1	5.3
67.5°	1.6	2.0	2.5	3.0	3.6	4.2	4.9	5.5	6.1	6.4	6.6
65°	2.1	2.6	3.1	3.8	4.4	5.1	5.8	6.6	7.2	7.6	7.9
62.5°	2.5	3.1	3.8	4.5	5.2	6.0	6.9	7.6	8.1	8.8	9.6
60°	3.1	3.7	4.5	5.3	6.1	7.1	8.0	8.8	9.6	10.4	11.6
57.5°	3.7	4.3	5.2	6.1	7.2	8.4	9.4	10.3	11.4	12.5	13.7
55°	4.4	4.9	5.9	7.0	8.3	9.8	11.0	12.2	13.4	14.3	15.4
52.5°	5.2	5.6	6.6	8.0	9.5	11.1	12.7	13.9	15.0	16.1	17.4
50°	6.0	6.6	7.4	9.0	10.7	12.5	14.3	15.5	16.8	18.1	19.5
47.5°	6.9	7.6	8.3	10.0	11.9	13.8	15.6	17.2	18.6	20.3	21.9
45°	7.9	8.7	9.5	11.1	13.0	14.9	16.9	18.9	20.9	22.9	25.4
42.5°	9.0	9.9	10.9	12.1	14.0	16.1	18.3	20.9	23.4	26.2	29.4
40°	10.1	11.0	12.2	13.3	15.0	17.3	20.0	23.0	26.5	30.1	34.0
37.5°	11.1	12.2	13.4	14.5	16.1	18.7	21.7	25.4	29.7	34.2	39.2
35°	12.1	13.3	14.6	15.9	17.6	20.2	23.8	28.0	33.2	38.9	43.5
32.5°	13.1	14.4	15.6	17.3	19.4	22.0	25.9	31.2	37.2	43.0	46.1
30°	14.3	15.4	16.7	18.6	21.1	24.5	28.6	34.5	41.2	45.2	48.0
27.5°	16.0	16.3	17.9	20.0	22.9	26.8	32.1	38.1	43.7	47.2	49.7
25°	17.6	17.9	19.0	21.5	25.0	29.7	35.6	42.4	45.8	48.7	51.6
22.5°	19.1	19.5	20.8	22.9	27.1	32.6	39.4	45.4	48.6	50.4	53.7
20°	20.6	21.2	22.8	25.2	29.2	35.3	43.2	48.2	51.2	53.4	56.4
17.5°	22.0	22.9	24.7	27.7	32.2	38.4	46.6	51.0	53.9	56.1	59.7
15°	23.3	24.5	26.6	30.0	35.0	41.7	48.8	53.2	56.4	58.5	62.8
12.5°	24.6	26.0	28.5	32.2	37.5	44.6	50.8	54.7	57.8	61.1	65.5
10°	25.9	27.6	30.2	34.2	39.7	47.1	52.4	55.9	59.0	63.2	67.8
7.5°	26.1	28.3	31.7	36.1	41.7	49.2	53.7	56.8	60.2	65.1	69.8
5°	26.1	28.3	31.8	36.5	42.6	50.5	54.6	57.5	61.4	66.8	71.6
2.5°	26.1	28.1	31.8	36.7	42.9	50.6	54.7	57.6	62.0	68.4	73.3
0°	26.1	27.9	31.7	36.7	42.9	50.4	54.7	57.7	62.4	69.9	74.8
-2.5°	26.1	28.1	31.8	36.7	42.9	50.6	54.7	57.6	62.0	68.4	73.3
-5°	26.1	28.3	31.8	36.5	42.6	50.5	54.6	57.5	61.4	66.8	71.6
-7.5°	26.1	28.3	31.7	36.1	41.7	49.2	53.7	56.8	60.2	65.1	69.8
-10°	25.9	27.6	30.2	34.2	39.7	47.1	52.4	55.9	59.0	63.2	67.8
-12.5°	24.6	26.0	28.5	32.2	37.5	44.6	50.8	54.7	57.8	61.1	65.5
-15°	23.3	24.5	26.6	30.0	35.0	41.7	48.8	53.2	56.4	58.5	62.8
-17.5°	22.0	22.9	24.7	27.7	32.2	38.4	46.6	51.0	53.9	56.1	59.7
-20°	20.6	21.2	22.8	25.2	29.2	35.3	43.2	48.2	51.2	53.4	56.4



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	19.1	19.5	20.8	22.9	27.1	32.6	39.4	45.4	48.6	50.4	53.7
-25°	17.6	17.9	19.0	21.5	25.0	29.7	35.6	42.4	45.8	48.7	51.6
-27.5°	16.0	16.3	17.9	20.0	22.9	26.8	32.1	38.1	43.7	47.2	49.7
-30°	14.3	15.4	16.7	18.6	21.1	24.5	28.6	34.5	41.2	45.2	48.0
-32.5°	13.1	14.4	15.6	17.3	19.4	22.0	25.9	31.2	37.2	43.0	46.1
-35°	12.1	13.3	14.6	15.9	17.6	20.2	23.8	28.0	33.2	38.9	43.5
-37.5°	11.1	12.2	13.4	14.5	16.1	18.7	21.7	25.4	29.7	34.2	39.2
-40°	10.1	11.0	12.2	13.3	15.0	17.3	20.0	23.0	26.5	30.1	34.0
-42.5°	9.0	9.9	10.9	12.1	14.0	16.1	18.3	20.9	23.4	26.2	29.4
-45°	7.9	8.7	9.5	11.1	13.0	14.9	16.9	18.9	20.9	22.9	25.4
-47.5°	6.9	7.6	8.3	10.0	11.9	13.8	15.6	17.2	18.6	20.3	21.9
-50°	6.0	6.6	7.4	9.0	10.7	12.5	14.3	15.5	16.8	18.1	19.5
-52.5°	5.2	5.6	6.6	8.0	9.5	11.1	12.7	13.9	15.0	16.1	17.4
-55°	4.4	4.9	5.9	7.0	8.3	9.8	11.0	12.2	13.4	14.3	15.4
-57.5°	3.7	4.3	5.2	6.1	7.2	8.4	9.4	10.3	11.4	12.5	13.7
-60°	3.1	3.7	4.5	5.3	6.1	7.1	8.0	8.8	9.6	10.4	11.6
-62.5°	2.5	3.1	3.8	4.5	5.2	6.0	6.9	7.6	8.1	8.8	9.6
-65°	2.1	2.6	3.1	3.8	4.4	5.1	5.8	6.6	7.2	7.6	7.9
-67.5°	1.6	2.0	2.5	3.0	3.6	4.2	4.9	5.5	6.1	6.4	6.6
-70°	1.2	1.5	1.9	2.3	2.7	3.1	3.6	4.2	4.8	5.1	5.3
-72.5°	0.9	1.1	1.4	1.6	2.0	2.2	2.5	2.7	3.1	3.6	3.9
-75°	0.6	0.7	0.9	1.1	1.3	1.5	1.6	1.8	2.1	2.3	2.6
-77.5°	0.5	0.5	0.6	0.7	0.7	0.9	1.0	1.1	1.3	1.4	1.6
-80°	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.8	0.9
-82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5
-85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
80°	1.0	1.1	1.1	1.2	1.2	1.3	1.5	1.7	1.9	2.0	2.0
77.5°	1.8	1.9	2.0	2.1	2.1	2.4	2.8	3.1	3.5	3.8	3.9
75°	2.8	3.0	3.1	3.2	3.2	3.6	4.3	5.0	5.8	6.1	6.4
72.5°	4.1	4.2	4.3	4.4	4.5	5.1	6.3	7.6	9.0	9.9	10.5
70°	5.5	5.6	5.7	5.8	5.9	6.7	8.4	10.3	12.2	14.1	16.1
67.5°	6.9	7.2	7.4	7.5	7.6	8.3	10.1	11.8	13.4	16.8	22.2
65°	8.5	9.2	9.5	9.7	9.8	10.1	11.7	13.1	14.4	17.1	21.2
62.5°	10.5	11.5	12.0	12.1	12.2	12.2	13.5	14.8	15.9	17.5	20.1
60°	12.7	13.8	14.3	14.4	14.5	14.5	15.6	16.8	17.9	19.2	21.7
57.5°	14.7	15.6	16.4	16.7	17.0	17.2	18.1	19.5	20.8	22.1	24.8
55°	16.6	17.7	18.8	19.5	20.0	20.6	21.5	23.2	24.9	26.5	29.2
52.5°	18.7	20.2	21.6	22.8	23.9	24.8	25.8	28.0	30.3	32.4	35.0
50°	21.1	23.0	25.2	27.0	28.5	30.0	31.4	34.1	37.1	40.0	42.8
47.5°	24.3	26.7	29.5	32.0	34.1	36.5	38.7	41.5	44.2	46.8	49.1
45°	28.1	31.5	34.6	38.1	41.1	42.7	44.0	45.7	48.4	51.1	53.2
42.5°	33.0	36.9	40.9	43.4	45.4	46.7	47.6	48.5	51.4	53.9	56.0
40°	38.5	42.5	44.9	47.0	48.3	49.4	50.9	52.2	54.5	57.1	59.5
37.5°	43.2	45.8	47.9	49.5	51.2	52.7	54.7	56.8	58.9	61.9	64.0
35°	46.2	48.4	50.5	52.6	54.7	57.0	59.6	62.6	65.2	62.8	59.4
32.5°	48.4	50.6	53.3	56.5	59.4	62.5	65.8	60.6	55.3	53.2	53.6
30°	50.3	53.0	56.6	60.8	64.7	63.3	56.2	53.7	54.5	55.9	58.7
27.5°	52.4	55.7	60.1	65.2	62.0	54.2	54.6	56.0	60.9	65.0	71.3
25°	54.9	58.8	64.2	61.9	54.7	55.5	59.1	64.6	73.8	82.4	90.0
22.5°	57.8	62.9	63.6	54.7	55.7	60.5	67.8	79.7	90.9	101.4	109.1
20°	60.8	66.7	57.7	55.8	60.0	68.5	82.1	95.8	108.3	117.6	125.4
17.5°	64.4	62.4	56.0	58.0	66.4	81.1	96.5	110.9	122.8	138.9	152.6
15°	67.6	58.2	57.1	63.6	76.3	92.8	109.5	122.5	143.9	167.0	190.3
12.5°	65.8	56.7	58.9	68.6	85.3	103.1	117.9	138.4	166.7	200.4	251.2
10°	63.1	57.6	62.8	75.6	93.0	110.4	125.8	152.6	190.0	251.9	331.7
7.5°	61.0	57.9	65.4	80.9	98.7	114.8	135.2	167.9	219.9	304.9	474.9
5°	59.4	57.9	66.5	83.9	102.2	117.8	141.1	178.9	249.2	370.3	660.7
2.5°	58.7	57.6	66.9	85.6	103.8	119.5	144.7	186.9	267.7	431.1	868.8
0°	59.2	57.0	66.7	86.2	104.8	119.2	145.3	189.3	273.3	453.5	896.7
-2.5°	58.7	57.6	66.9	85.6	103.8	119.5	144.7	186.9	267.7	431.1	868.8
-5°	59.4	57.9	66.5	83.9	102.2	117.8	141.1	178.9	249.2	370.3	660.7
-7.5°	61.0	57.9	65.4	80.9	98.7	114.8	135.2	167.9	219.9	304.9	474.9
-10°	63.1	57.6	62.8	75.6	93.0	110.4	125.8	152.6	190.0	251.9	331.7
-12.5°	65.8	56.7	58.9	68.6	85.3	103.1	117.9	138.4	166.7	200.4	251.2
-15°	67.6	58.2	57.1	63.6	76.3	92.8	109.5	122.5	143.9	167.0	190.3
-17.5°	64.4	62.4	56.0	58.0	66.4	81.1	96.5	110.9	122.8	138.9	152.6
-20°	60.8	66.7	57.7	55.8	60.0	68.5	82.1	95.8	108.3	117.6	125.4



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	57.8	62.9	63.6	54.7	55.7	60.5	67.8	79.7	90.9	101.4	109.1
-25°	54.9	58.8	64.2	61.9	54.7	55.5	59.1	64.6	73.8	82.4	90.0
-27.5°	52.4	55.7	60.1	65.2	62.0	54.2	54.6	56.0	60.9	65.0	71.3
-30°	50.3	53.0	56.6	60.8	64.7	63.3	56.2	53.7	54.5	55.9	58.7
-32.5°	48.4	50.6	53.3	56.5	59.4	62.5	65.8	60.6	55.3	53.2	53.6
-35°	46.2	48.4	50.5	52.6	54.7	57.0	59.6	62.6	65.2	62.8	59.4
-37.5°	43.2	45.8	47.9	49.5	51.2	52.7	54.7	56.8	58.9	61.9	64.0
-40°	38.5	42.5	44.9	47.0	48.3	49.4	50.9	52.2	54.5	57.1	59.5
-42.5°	33.0	36.9	40.9	43.4	45.4	46.7	47.6	48.5	51.4	53.9	56.0
-45°	28.1	31.5	34.6	38.1	41.1	42.7	44.0	45.7	48.4	51.1	53.2
-47.5°	24.3	26.7	29.5	32.0	34.1	36.5	38.7	41.5	44.2	46.8	49.1
-50°	21.1	23.0	25.2	27.0	28.5	30.0	31.4	34.1	37.1	40.0	42.8
-52.5°	18.7	20.2	21.6	22.8	23.9	24.8	25.8	28.0	30.3	32.4	35.0
-55°	16.6	17.7	18.8	19.5	20.0	20.6	21.5	23.2	24.9	26.5	29.2
-57.5°	14.7	15.6	16.4	16.7	17.0	17.2	18.1	19.5	20.8	22.1	24.8
-60°	12.7	13.8	14.3	14.4	14.5	14.5	15.6	16.8	17.9	19.2	21.7
-62.5°	10.5	11.5	12.0	12.1	12.2	12.2	13.5	14.8	15.9	17.5	20.1
-65°	8.5	9.2	9.5	9.7	9.8	10.1	11.7	13.1	14.4	17.1	21.2
-67.5°	6.9	7.2	7.4	7.5	7.6	8.3	10.1	11.8	13.4	16.8	22.2
-70°	5.5	5.6	5.7	5.8	5.9	6.7	8.4	10.3	12.2	14.1	16.1
-72.5°	4.1	4.2	4.3	4.4	4.5	5.1	6.3	7.6	9.0	9.9	10.5
-75°	2.8	3.0	3.1	3.2	3.2	3.6	4.3	5.0	5.8	6.1	6.4
-77.5°	1.8	1.9	2.0	2.1	2.1	2.4	2.8	3.1	3.5	3.8	3.9
-80°	1.0	1.1	1.1	1.2	1.2	1.3	1.5	1.7	1.9	2.0	2.0
-82.5°	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	2.1	2.1	2.0	1.9	2.0	2.1	2.1	2.0	2.0	1.9	1.7
77.5°	4.1	4.3	4.1	3.9	4.1	4.3	4.1	3.9	3.8	3.5	3.1
75°	6.6	6.8	6.7	6.6	6.7	6.8	6.6	6.4	6.1	5.8	5.0
72.5°	11.1	11.6	11.5	11.2	11.5	11.6	11.1	10.5	9.9	9.0	7.6
70°	18.2	20.3	20.2	19.7	20.2	20.3	18.2	16.1	14.1	12.2	10.3
67.5°	28.0	34.0	35.9	36.9	35.9	34.0	28.0	22.2	16.8	13.4	11.8
65°	25.0	28.6	30.1	31.1	30.1	28.6	25.0	21.2	17.1	14.4	13.1
62.5°	22.4	24.6	25.0	25.1	25.0	24.6	22.4	20.1	17.5	15.9	14.8
60°	24.0	26.3	26.6	26.2	26.6	26.3	24.0	21.7	19.2	17.9	16.8
57.5°	27.3	29.7	30.1	29.6	30.1	29.7	27.3	24.8	22.1	20.8	19.5
55°	31.8	34.2	35.0	34.9	35.0	34.2	31.8	29.2	26.5	24.9	23.2
52.5°	37.5	39.8	40.7	40.7	40.7	39.8	37.5	35.0	32.4	30.3	28.0
50°	45.2	47.3	48.3	48.4	48.3	47.3	45.2	42.8	40.0	37.1	34.1
47.5°	50.8	52.1	52.8	52.9	52.8	52.1	50.8	49.1	46.8	44.2	41.5
45°	54.2	54.9	55.4	55.9	55.4	54.9	54.2	53.2	51.1	48.4	45.7
42.5°	57.4	58.8	59.9	60.2	59.9	58.8	57.4	56.0	53.9	51.4	48.5
40°	61.6	63.7	65.6	67.7	65.6	63.7	61.6	59.5	57.1	54.5	52.2
37.5°	66.2	68.5	70.4	71.4	70.4	68.5	66.2	64.0	61.9	58.9	56.8
35°	56.9	55.4	54.5	54.2	54.5	55.4	56.9	59.4	62.8	65.2	62.6
32.5°	53.9	54.0	53.8	53.4	53.8	54.0	53.9	53.6	53.2	55.3	60.6
30°	60.8	61.8	61.9	61.9	61.9	61.8	60.8	58.7	55.9	54.5	53.7
27.5°	75.9	78.5	79.3	80.8	79.3	78.5	75.9	71.3	65.0	60.9	56.0
25°	95.8	99.6	101.4	102.2	101.4	99.6	95.8	90.0	82.4	73.8	64.6
22.5°	113.5	116.5	118.1	119.6	118.1	116.5	113.5	109.1	101.4	90.9	79.7
20°	134.5	139.8	142.3	142.5	142.3	139.8	134.5	125.4	117.6	108.3	95.8
17.5°	167.3	177.6	182.8	184.3	182.8	177.6	167.3	152.6	138.9	122.8	110.9
15°	219.0	245.4	259.0	265.4	259.0	245.4	219.0	190.3	167.0	143.9	122.5
12.5°	303.2	362.8	411.1	429.3	411.1	362.8	303.2	251.2	200.4	166.7	138.4
10°	470.2	648.3	856.4	953.5	856.4	648.3	470.2	331.7	251.9	190.0	152.6
7.5°	909.6	2112.0	4093.4	5038.7	4093.4	2112.0	909.6	474.9	304.9	219.9	167.9
5°	1938.9	8367.8	14985.7	17602.0	14985.7	8367.8	1938.9	660.7	370.3	249.2	178.9
2.5°	3088.3	13724.4	25895.6	30279.6	25895.6	13724.4	3088.3	868.8	431.1	267.7	186.9
0°	3689.9	14462.9	28575.3	32949.5	28575.3	14462.9	3689.9	896.7	453.5	273.3	189.3
-2.5°	3088.3	13724.4	25895.6	30279.5	25895.6	13724.4	3088.3	868.8	431.1	267.7	186.9
-5°	1938.9	8367.8	14985.7	17602.0	14985.7	8367.8	1938.9	660.7	370.3	249.2	178.9
-7.5°	909.6	2112.0	4093.4	5038.7	4093.4	2112.0	909.6	474.9	304.9	219.9	167.9
-10°	470.2	648.3	856.4	953.5	856.4	648.3	470.2	331.7	251.9	190.0	152.6
-12.5°	303.2	362.8	411.1	429.3	411.1	362.8	303.2	251.2	200.4	166.7	138.4
-15°	219.0	245.4	259.0	265.4	259.0	245.4	219.0	190.3	167.0	143.9	122.5
-17.5°	167.3	177.6	182.8	184.3	182.8	177.6	167.3	152.6	138.9	122.8	110.9
-20°	134.5	139.8	142.3	142.5	142.3	139.8	134.5	125.4	117.6	108.3	95.8



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	113.5	116.5	118.1	119.6	118.1	116.5	113.5	109.1	101.4	90.9	79.7
-25°	95.8	99.6	101.4	102.2	101.4	99.6	95.8	90.0	82.4	73.8	64.6
-27.5°	75.9	78.5	79.3	80.8	79.3	78.5	75.9	71.3	65.0	60.9	56.0
-30°	60.8	61.8	61.9	61.9	61.9	61.8	60.8	58.7	55.9	54.5	53.7
-32.5°	53.9	54.0	53.8	53.4	53.8	54.0	53.9	53.6	53.2	55.3	60.6
-35°	56.9	55.4	54.5	54.2	54.5	55.4	56.9	59.4	62.8	65.2	62.6
-37.5°	66.2	68.5	70.4	71.4	70.4	68.5	66.2	64.0	61.9	58.9	56.8
-40°	61.6	63.7	65.6	67.7	65.6	63.7	61.6	59.5	57.1	54.5	52.2
-42.5°	57.4	58.8	59.9	60.2	59.9	58.8	57.4	56.0	53.9	51.4	48.5
-45°	54.2	54.9	55.4	55.9	55.4	54.9	54.2	53.2	51.1	48.4	45.7
-47.5°	50.8	52.1	52.8	52.9	52.8	52.1	50.8	49.1	46.8	44.2	41.5
-50°	45.2	47.3	48.3	48.4	48.3	47.3	45.2	42.8	40.0	37.1	34.1
-52.5°	37.5	39.8	40.7	40.7	40.7	39.8	37.5	35.0	32.4	30.3	28.0
-55°	31.8	34.2	35.0	34.9	35.0	34.2	31.8	29.2	26.5	24.9	23.2
-57.5°	27.3	29.7	30.1	29.6	30.1	29.7	27.3	24.8	22.1	20.8	19.5
-60°	24.0	26.3	26.6	26.2	26.6	26.3	24.0	21.7	19.2	17.9	16.8
-62.5°	22.4	24.6	25.0	25.1	25.0	24.6	22.4	20.1	17.5	15.9	14.8
-65°	25.0	28.6	30.1	31.1	30.1	28.6	25.0	21.2	17.1	14.4	13.1
-67.5°	28.0	34.0	35.9	36.9	35.9	34.0	28.0	22.2	16.8	13.4	11.8
-70°	18.2	20.3	20.2	19.7	20.2	20.3	18.2	16.1	14.1	12.2	10.3
-72.5°	11.1	11.6	11.5	11.2	11.5	11.6	11.1	10.5	9.9	9.0	7.6
-75°	6.6	6.8	6.7	6.6	6.7	6.8	6.6	6.4	6.1	5.8	5.0
-77.5°	4.1	4.3	4.1	3.9	4.1	4.3	4.1	3.9	3.8	3.5	3.1
-80°	2.1	2.1	2.0	1.9	2.0	2.1	2.1	2.0	2.0	1.9	1.7
-82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
80°	1.5	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6
77.5°	2.8	2.4	2.1	2.1	2.0	1.9	1.8	1.6	1.4	1.3	1.1
75°	4.3	3.6	3.2	3.2	3.1	3.0	2.8	2.6	2.3	2.1	1.8
72.5°	6.3	5.1	4.5	4.4	4.3	4.2	4.1	3.9	3.6	3.1	2.7
70°	8.4	6.7	5.9	5.8	5.7	5.6	5.5	5.3	5.1	4.8	4.2
67.5°	10.1	8.3	7.6	7.5	7.4	7.2	6.9	6.6	6.4	6.1	5.5
65°	11.7	10.1	9.8	9.7	9.5	9.2	8.5	7.9	7.6	7.2	6.6
62.5°	13.5	12.2	12.2	12.1	12.0	11.5	10.5	9.6	8.8	8.1	7.6
60°	15.6	14.5	14.5	14.4	14.3	13.8	12.7	11.6	10.4	9.6	8.8
57.5°	18.1	17.2	17.0	16.7	16.4	15.6	14.7	13.7	12.5	11.4	10.3
55°	21.5	20.6	20.0	19.5	18.8	17.7	16.6	15.4	14.3	13.4	12.2
52.5°	25.8	24.8	23.9	22.8	21.6	20.2	18.7	17.4	16.1	15.0	13.9
50°	31.4	30.0	28.5	27.0	25.2	23.0	21.1	19.5	18.1	16.8	15.5
47.5°	38.7	36.5	34.1	32.0	29.5	26.7	24.3	21.9	20.3	18.6	17.2
45°	44.0	42.7	41.1	38.1	34.6	31.5	28.1	25.4	22.9	20.9	18.9
42.5°	47.6	46.7	45.4	43.4	40.9	36.9	33.0	29.4	26.2	23.4	20.9
40°	50.9	49.4	48.3	47.0	44.9	42.5	38.5	34.0	30.1	26.5	23.0
37.5°	54.7	52.7	51.2	49.5	47.9	45.8	43.2	39.2	34.2	29.7	25.4
35°	59.6	57.0	54.7	52.6	50.5	48.4	46.2	43.5	38.9	33.2	28.0
32.5°	65.8	62.5	59.4	56.5	53.3	50.6	48.4	46.1	43.0	37.2	31.2
30°	56.2	63.3	64.7	60.8	56.6	53.0	50.3	48.0	45.2	41.2	34.5
27.5°	54.6	54.2	62.0	65.2	60.1	55.7	52.4	49.7	47.2	43.7	38.1
25°	59.1	55.5	54.7	61.9	64.2	58.8	54.9	51.6	48.7	45.8	42.4
22.5°	67.8	60.5	55.7	54.7	63.6	62.9	57.8	53.7	50.4	48.6	45.4
20°	82.1	68.5	60.0	55.8	57.7	66.7	60.8	56.4	53.4	51.2	48.2
17.5°	96.5	81.1	66.4	58.0	56.0	62.4	64.4	59.7	56.1	53.9	51.0
15°	109.5	92.8	76.3	63.6	57.1	58.2	67.6	62.8	58.5	56.4	53.2
12.5°	117.9	103.1	85.3	68.6	58.9	56.7	65.8	65.5	61.1	57.8	54.7
10°	125.8	110.4	93.0	75.6	62.8	57.6	63.1	67.8	63.2	59.0	55.9
7.5°	135.2	114.8	98.7	80.9	65.4	57.9	61.0	69.8	65.1	60.2	56.8
5°	141.1	117.8	102.2	83.9	66.5	57.9	59.4	71.6	66.8	61.4	57.5
2.5°	144.7	119.5	103.8	85.6	66.9	57.6	58.7	73.3	68.4	62.0	57.6
0°	145.3	119.2	104.8	86.2	66.7	57.0	59.2	74.8	69.9	62.4	57.7
-2.5°	144.7	119.5	103.8	85.6	66.9	57.6	58.7	73.3	68.4	62.0	57.6
-5°	141.1	117.8	102.2	83.9	66.5	57.9	59.4	71.6	66.8	61.4	57.5
-7.5°	135.2	114.8	98.7	80.9	65.4	57.9	61.0	69.8	65.1	60.2	56.8
-10°	125.8	110.4	93.0	75.6	62.8	57.6	63.1	67.8	63.2	59.0	55.9
-12.5°	117.9	103.1	85.3	68.6	58.9	56.7	65.8	65.5	61.1	57.8	54.7
-15°	109.5	92.8	76.3	63.6	57.1	58.2	67.6	62.8	58.5	56.4	53.2
-17.5°	96.5	81.1	66.4	58.0	56.0	62.4	64.4	59.7	56.1	53.9	51.0
-20°	82.1	68.5	60.0	55.8	57.7	66.7	60.8	56.4	53.4	51.2	48.2



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	67.8	60.5	55.7	54.7	63.6	62.9	57.8	53.7	50.4	48.6	45.4
-25°	59.1	55.5	54.7	61.9	64.2	58.8	54.9	51.6	48.7	45.8	42.4
-27.5°	54.6	54.2	62.0	65.2	60.1	55.7	52.4	49.7	47.2	43.7	38.1
-30°	56.2	63.3	64.7	60.8	56.6	53.0	50.3	48.0	45.2	41.2	34.5
-32.5°	65.8	62.5	59.4	56.5	53.3	50.6	48.4	46.1	43.0	37.2	31.2
-35°	59.6	57.0	54.7	52.6	50.5	48.4	46.2	43.5	38.9	33.2	28.0
-37.5°	54.7	52.7	51.2	49.5	47.9	45.8	43.2	39.2	34.2	29.7	25.4
-40°	50.9	49.4	48.3	47.0	44.9	42.5	38.5	34.0	30.1	26.5	23.0
-42.5°	47.6	46.7	45.4	43.4	40.9	36.9	33.0	29.4	26.2	23.4	20.9
-45°	44.0	42.7	41.1	38.1	34.6	31.5	28.1	25.4	22.9	20.9	18.9
-47.5°	38.7	36.5	34.1	32.0	29.5	26.7	24.3	21.9	20.3	18.6	17.2
-50°	31.4	30.0	28.5	27.0	25.2	23.0	21.1	19.5	18.1	16.8	15.5
-52.5°	25.8	24.8	23.9	22.8	21.6	20.2	18.7	17.4	16.1	15.0	13.9
-55°	21.5	20.6	20.0	19.5	18.8	17.7	16.6	15.4	14.3	13.4	12.2
-57.5°	18.1	17.2	17.0	16.7	16.4	15.6	14.7	13.7	12.5	11.4	10.3
-60°	15.6	14.5	14.5	14.4	14.3	13.8	12.7	11.6	10.4	9.6	8.8
-62.5°	13.5	12.2	12.2	12.1	12.0	11.5	10.5	9.6	8.8	8.1	7.6
-65°	11.7	10.1	9.8	9.7	9.5	9.2	8.5	7.9	7.6	7.2	6.6
-67.5°	10.1	8.3	7.6	7.5	7.4	7.2	6.9	6.6	6.4	6.1	5.5
-70°	8.4	6.7	5.9	5.8	5.7	5.6	5.5	5.3	5.1	4.8	4.2
-72.5°	6.3	5.1	4.5	4.4	4.3	4.2	4.1	3.9	3.6	3.1	2.7
-75°	4.3	3.6	3.2	3.2	3.1	3.0	2.8	2.6	2.3	2.1	1.8
-77.5°	2.8	2.4	2.1	2.1	2.0	1.9	1.8	1.6	1.4	1.3	1.1
-80°	1.5	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.7	0.6
-82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
-85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-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°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	1.0	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4
75°	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.6	0.5	0.4	0.4
72.5°	2.5	2.2	2.0	1.6	1.4	1.1	0.9	0.7	0.6	0.6	0.4
70°	3.6	3.1	2.7	2.3	1.9	1.5	1.2	1.0	0.8	0.7	0.6
67.5°	4.9	4.2	3.6	3.0	2.5	2.0	1.6	1.3	1.1	0.8	0.7
65°	5.8	5.1	4.4	3.8	3.1	2.6	2.1	1.7	1.4	1.1	0.8
62.5°	6.9	6.0	5.2	4.5	3.8	3.1	2.5	2.2	1.8	1.4	1.1
60°	8.0	7.1	6.1	5.3	4.5	3.7	3.1	2.7	2.3	1.7	1.4
57.5°	9.4	8.4	7.2	6.1	5.2	4.3	3.7	3.3	2.7	2.2	1.6
55°	11.0	9.8	8.3	7.0	5.9	4.9	4.4	3.8	3.2	2.6	1.9
52.5°	12.7	11.1	9.5	8.0	6.6	5.6	5.2	4.5	3.8	3.0	2.3
50°	14.3	12.5	10.7	9.0	7.4	6.6	6.0	5.2	4.4	3.5	2.8
47.5°	15.6	13.8	11.9	10.0	8.3	7.6	6.9	6.0	4.9	4.0	3.2
45°	16.9	14.9	13.0	11.1	9.5	8.7	7.9	6.9	5.7	4.6	3.7
42.5°	18.3	16.1	14.0	12.1	10.9	9.9	9.0	7.8	6.5	5.3	4.3
40°	20.0	17.3	15.0	13.3	12.2	11.0	10.1	8.9	7.3	6.0	4.9
37.5°	21.7	18.7	16.1	14.5	13.4	12.2	11.1	9.9	8.3	6.9	5.5
35°	23.8	20.2	17.6	15.9	14.6	13.3	12.1	10.9	9.5	7.7	6.1
32.5°	25.9	22.0	19.4	17.3	15.6	14.4	13.1	12.2	10.7	8.6	6.7
30°	28.6	24.5	21.1	18.6	16.7	15.4	14.3	13.7	11.9	9.5	7.4
27.5°	32.1	26.8	22.9	20.0	17.9	16.3	16.0	15.2	13.2	10.4	8.1
25°	35.6	29.7	25.0	21.5	19.0	17.9	17.6	17.0	14.5	11.5	8.8
22.5°	39.4	32.6	27.1	22.9	20.8	19.5	19.1	18.4	15.9	12.5	9.5
20°	43.2	35.3	29.2	25.2	22.8	21.2	20.6	19.9	17.3	13.5	10.2
17.5°	46.6	38.4	32.2	27.7	24.7	22.9	22.0	21.3	18.8	14.6	10.8
15°	48.8	41.7	35.0	30.0	26.6	24.5	23.3	22.7	20.4	15.6	11.3
12.5°	50.8	44.6	37.5	32.2	28.5	26.0	24.6	24.0	21.9	16.2	11.5
10°	52.4	47.1	39.7	34.2	30.2	27.6	25.9	25.0	22.5	16.5	11.8
7.5°	53.7	49.2	41.7	36.1	31.7	28.3	26.1	25.2	22.8	16.8	11.9
5°	54.6	50.5	42.6	36.5	31.8	28.3	26.1	25.3	23.1	17.0	12.1
2.5°	54.7	50.6	42.9	36.7	31.8	28.1	26.1	25.4	23.2	17.1	12.2
0°	54.7	50.4	42.9	36.7	31.7	27.9	26.1	25.5	23.2	17.1	12.2
-2.5°	54.7	50.6	42.9	36.7	31.8	28.1	26.1	25.4	23.2	17.1	12.2
-5°	54.6	50.5	42.6	36.5	31.8	28.3	26.1	25.3	23.1	17.0	12.1
-7.5°	53.7	49.2	41.7	36.1	31.7	28.3	26.1	25.2	22.8	16.8	11.9
-10°	52.4	47.1	39.7	34.2	30.2	27.6	25.9	25.0	22.5	16.5	11.8
-12.5°	50.8	44.6	37.5	32.2	28.5	26.0	24.6	24.0	21.9	16.2	11.5
-15°	48.8	41.7	35.0	30.0	26.6	24.5	23.3	22.7	20.4	15.6	11.3
-17.5°	46.6	38.4	32.2	27.7	24.7	22.9	22.0	21.3	18.8	14.6	10.8
-20°	43.2	35.3	29.2	25.2	22.8	21.2	20.6	19.9	17.3	13.5	10.2



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	39.4	32.6	27.1	22.9	20.8	19.5	19.1	18.4	15.9	12.5	9.5
-25°	35.6	29.7	25.0	21.5	19.0	17.9	17.6	17.0	14.5	11.5	8.8
-27.5°	32.1	26.8	22.9	20.0	17.9	16.3	16.0	15.2	13.2	10.4	8.1
-30°	28.6	24.5	21.1	18.6	16.7	15.4	14.3	13.7	11.9	9.5	7.4
-32.5°	25.9	22.0	19.4	17.3	15.6	14.4	13.1	12.2	10.7	8.6	6.7
-35°	23.8	20.2	17.6	15.9	14.6	13.3	12.1	10.9	9.5	7.7	6.1
-37.5°	21.7	18.7	16.1	14.5	13.4	12.2	11.1	9.9	8.3	6.9	5.5
-40°	20.0	17.3	15.0	13.3	12.2	11.0	10.1	8.9	7.3	6.0	4.9
-42.5°	18.3	16.1	14.0	12.1	10.9	9.9	9.0	7.8	6.5	5.3	4.3
-45°	16.9	14.9	13.0	11.1	9.5	8.7	7.9	6.9	5.7	4.6	3.7
-47.5°	15.6	13.8	11.9	10.0	8.3	7.6	6.9	6.0	4.9	4.0	3.2
-50°	14.3	12.5	10.7	9.0	7.4	6.6	6.0	5.2	4.4	3.5	2.8
-52.5°	12.7	11.1	9.5	8.0	6.6	5.6	5.2	4.5	3.8	3.0	2.3
-55°	11.0	9.8	8.3	7.0	5.9	4.9	4.4	3.8	3.2	2.6	1.9
-57.5°	9.4	8.4	7.2	6.1	5.2	4.3	3.7	3.3	2.7	2.2	1.6
-60°	8.0	7.1	6.1	5.3	4.5	3.7	3.1	2.7	2.3	1.7	1.4
-62.5°	6.9	6.0	5.2	4.5	3.8	3.1	2.5	2.2	1.8	1.4	1.1
-65°	5.8	5.1	4.4	3.8	3.1	2.6	2.1	1.7	1.4	1.1	0.8
-67.5°	4.9	4.2	3.6	3.0	2.5	2.0	1.6	1.3	1.1	0.8	0.7
-70°	3.6	3.1	2.7	2.3	1.9	1.5	1.2	1.0	0.8	0.7	0.6
-72.5°	2.5	2.2	2.0	1.6	1.4	1.1	0.9	0.7	0.6	0.6	0.4
-75°	1.6	1.5	1.3	1.1	0.9	0.7	0.6	0.6	0.5	0.4	0.4
-77.5°	1.0	0.9	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.4
-80°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-87.5°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-930-U-TSB-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
62.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
60°	0.9	0.7	0.4	0.4	0.4	0.2	0.0
57.5°	1.2	0.8	0.5	0.4	0.4	0.2	0.0
55°	1.4	0.9	0.6	0.4	0.4	0.2	0.0
52.5°	1.7	1.0	0.7	0.4	0.4	0.2	0.0
50°	2.0	1.3	0.8	0.4	0.4	0.3	0.0
47.5°	2.3	1.5	0.9	0.4	0.4	0.3	0.0
45°	2.7	1.8	0.9	0.5	0.4	0.3	0.0
42.5°	3.1	2.0	1.0	0.5	0.4	0.3	0.0
40°	3.6	2.2	1.2	0.6	0.4	0.3	0.0
37.5°	4.0	2.5	1.3	0.7	0.4	0.3	0.0
35°	4.4	2.8	1.5	0.7	0.5	0.3	0.0
32.5°	4.9	3.1	1.7	0.8	0.5	0.3	0.0
30°	5.4	3.5	1.9	0.8	0.5	0.3	0.0
27.5°	5.9	3.8	2.0	0.8	0.5	0.4	0.0
25°	6.4	4.1	2.1	0.9	0.5	0.4	0.0
22.5°	6.9	4.4	2.2	0.9	0.5	0.4	0.0
20°	7.3	4.5	2.2	0.9	0.5	0.4	0.0
17.5°	7.6	4.5	2.2	0.9	0.5	0.4	0.0
15°	7.7	4.5	2.3	0.9	0.5	0.4	0.0
12.5°	7.8	4.5	2.3	0.9	0.5	0.4	0.0
10°	7.8	4.5	2.3	0.9	0.6	0.4	0.0
7.5°	7.8	4.4	2.2	0.9	0.6	0.4	0.0
5°	7.7	4.3	2.2	0.9	0.6	0.4	0.0
2.5°	7.6	4.2	2.2	0.9	0.6	0.4	0.0
0°	7.5	4.1	2.1	0.9	0.6	0.4	0.0
-2.5°	7.6	4.2	2.2	0.9	0.6	0.4	0.0
-5°	7.7	4.3	2.2	0.9	0.6	0.4	0.0
-7.5°	7.8	4.4	2.2	0.9	0.6	0.4	0.0
-10°	7.8	4.5	2.3	0.9	0.6	0.4	0.0
-12.5°	7.8	4.5	2.3	0.9	0.5	0.4	0.0
-15°	7.7	4.5	2.3	0.9	0.5	0.4	0.0
-17.5°	7.6	4.5	2.2	0.9	0.5	0.4	0.0
-20°	7.3	4.5	2.2	0.9	0.5	0.4	0.0



REPORT NUMBER: P558473 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6.9	4.4	2.2	0.9	0.5	0.4	0.0
-25°	6.4	4.1	2.1	0.9	0.5	0.4	0.0
-27.5°	5.9	3.8	2.0	0.8	0.5	0.4	0.0
-30°	5.4	3.5	1.9	0.8	0.5	0.3	0.0
-32.5°	4.9	3.1	1.7	0.8	0.5	0.3	0.0
-35°	4.4	2.8	1.5	0.7	0.5	0.3	0.0
-37.5°	4.0	2.5	1.3	0.7	0.4	0.3	0.0
-40°	3.6	2.2	1.2	0.6	0.4	0.3	0.0
-42.5°	3.1	2.0	1.0	0.5	0.4	0.3	0.0
-45°	2.7	1.8	0.9	0.5	0.4	0.3	0.0
-47.5°	2.3	1.5	0.9	0.4	0.4	0.3	0.0
-50°	2.0	1.3	0.8	0.4	0.4	0.3	0.0
-52.5°	1.7	1.0	0.7	0.4	0.4	0.2	0.0
-55°	1.4	0.9	0.6	0.4	0.4	0.2	0.0
-57.5°	1.2	0.8	0.5	0.4	0.4	0.2	0.0
-60°	0.9	0.7	0.4	0.4	0.4	0.2	0.0
-62.5°	0.8	0.6	0.4	0.4	0.4	0.2	0.0
-65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
-67.5°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
-70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
-72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
-75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
-77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
-80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)