

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: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-AMB-U-TS-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2B-AMB-U-TS-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (32) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

**Summary**

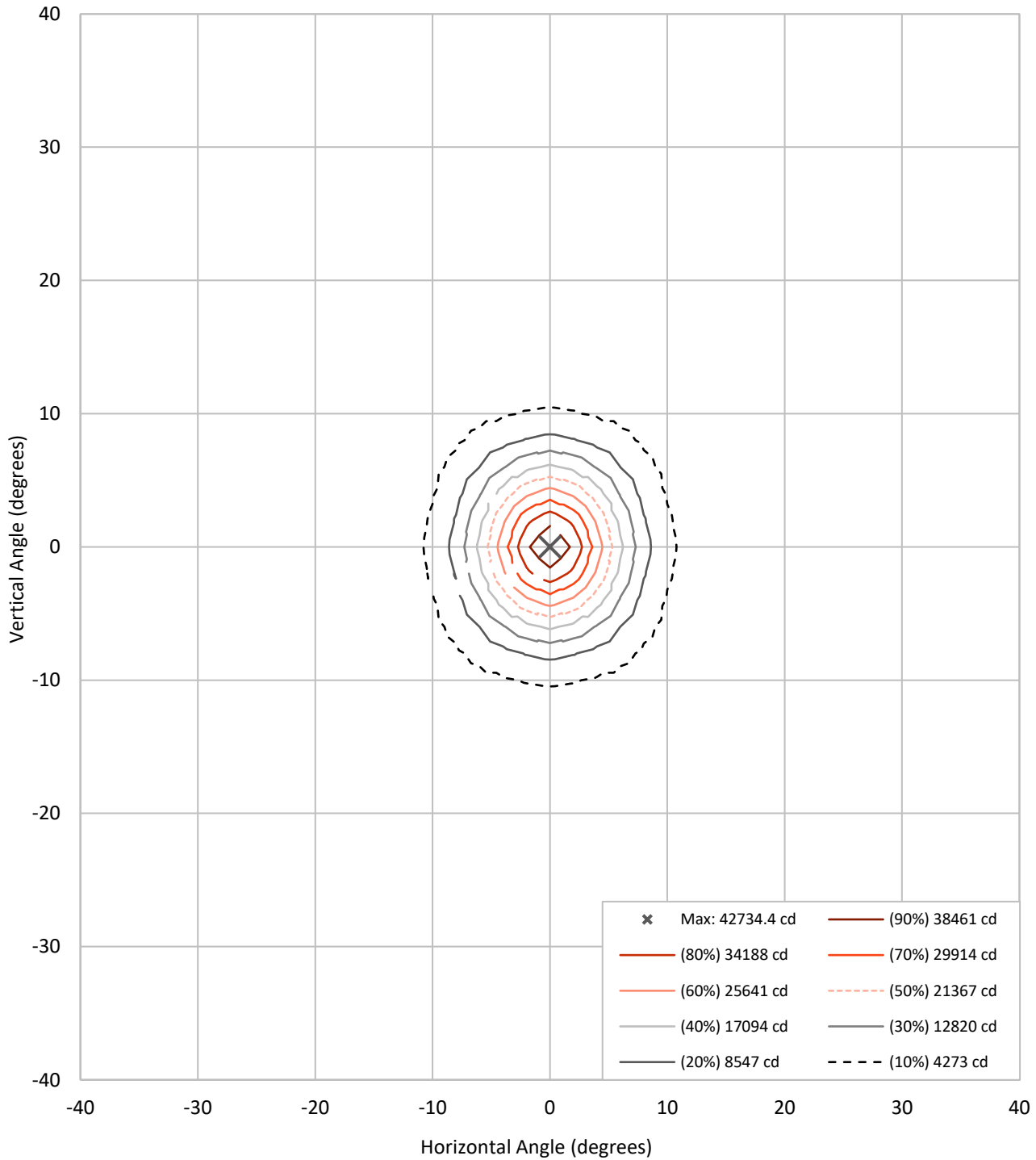
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2303.5 lumens	Max Intensity:	42734.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	10.5°H x 10.4°V	Field Angle (10%):	21.6°H x 21°V
Beam Lumens:	692.3 lumens	Field Lumens:	1600.5 lumens
Beam Efficiency:	30.1%	Field Efficiency:	69.5%

Input Watts (W): 42.2  
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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CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

### Iso-Candela Plot





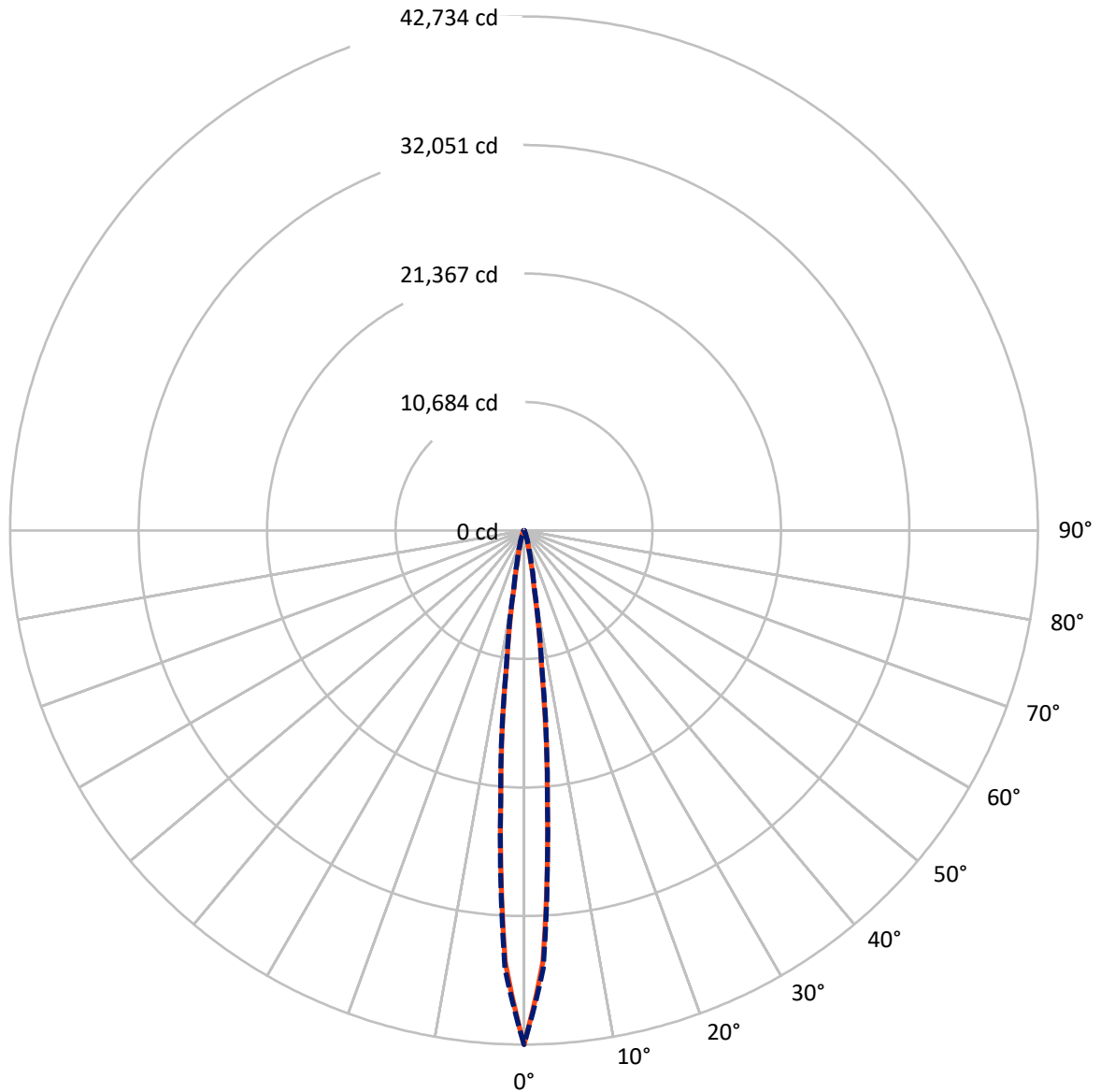
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### Lumen Table

90																			
80	0.0	0.3		0.8		1.2		1.4		1.2		0.8		0.3		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
50		0.2	0.5	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.5	0.2				
40	0.2	0.3	0.6	0.8	1.0	1.1	1.3	1.4	1.4	1.3	1.1	1.0	0.8	0.6	0.3	0.2			
30		0.4	0.6	0.9	1.1	1.5	1.9	2.2	2.2	1.9	1.5	1.1	0.9	0.6	0.4				
20	0.3	0.4	0.7	0.9	1.4	2.0	3.5	6.2	6.2	3.5	2.0	1.4	0.9	0.7	0.4	0.3			
10		0.4	0.7	1.0	1.7	3.3	16.3	45.6	45.6	16.3	3.3	1.7	1.0	0.7	0.4				
0	0.4	0.4	0.7	1.0	1.8	5.9	47.3	405.6	405.6	47.3	5.9	1.8	1.0	0.7	0.4	0.4			
-10		0.4	0.7	1.0	1.8	5.9	47.3	405.6	405.6	47.3	5.9	1.8	1.0	0.7	0.4				
-20	0.3	0.4	0.7	1.0	1.7	3.3	16.3	45.6	45.6	16.3	3.3	1.7	1.0	0.7	0.4	0.3			
-30		0.4	0.7	0.9	1.4	2.0	3.5	6.2	6.2	3.5	2.0	1.4	0.9	0.7	0.4				
-40	0.2	0.4	0.6	0.9	1.1	1.5	1.9	2.2	2.2	1.9	1.5	1.1	0.9	0.6	0.4	0.2			
-50		0.3	0.6	0.8	1.0	1.1	1.3	1.4	1.4	1.3	1.1	1.0	0.8	0.6	0.3				
-60	0.1	0.2	0.5	0.7	0.9	1.0	1.1	1.2	1.2	1.1	1.0	0.9	0.7	0.5	0.2	0.1			
-70		0.1	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.1				
-80																			
-90	0.0	0.3		0.8		1.2		1.4		1.2		0.8		0.3		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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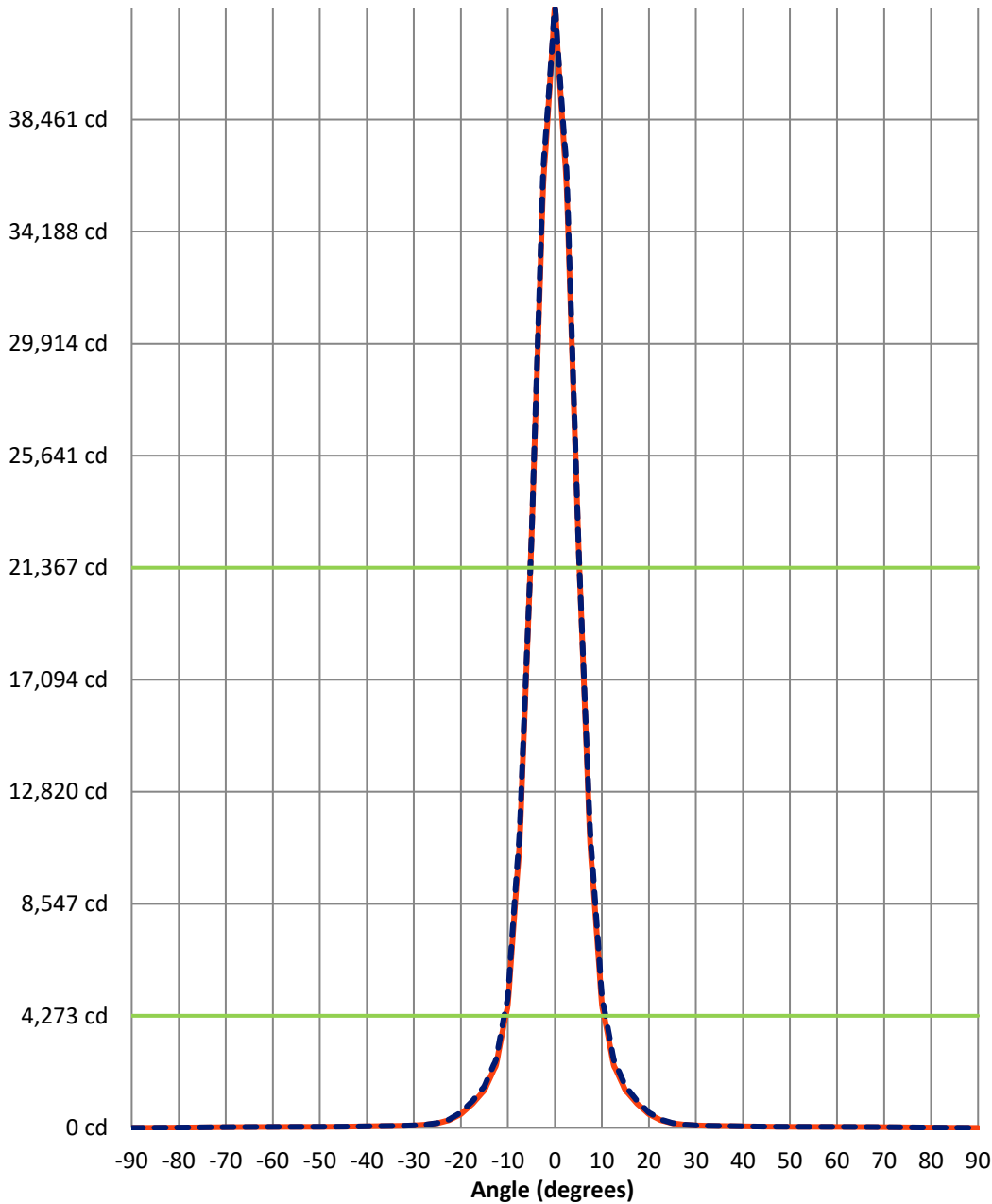
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 10.5°  
V Angle: 10.4°  
Lumens: 692.3  
Efficiency: 30.1%

**Field:**  
H Angle: 21.6°  
V Angle: 21°  
Lumens: 1600.5  
Efficiency: 69.5%

**Spill:**  
Lumens: 703  
Efficiency: 30.5%

— 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	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.1
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	2.0	2.4	2.9	3.3
77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.2	2.8	3.4	3.9	4.5
75°	0.0	0.4	0.7	1.1	1.5	2.2	2.9	3.6	4.3	5.0	5.6
72.5°	0.0	0.4	0.8	1.3	2.0	2.8	3.6	4.4	5.2	6.0	6.8
70°	0.0	0.5	1.0	1.5	2.4	3.4	4.3	5.2	6.1	7.0	8.1
67.5°	0.0	0.5	1.1	1.8	2.9	3.9	5.0	6.0	7.0	8.3	9.5
65°	0.0	0.6	1.2	2.1	3.3	4.5	5.6	6.8	8.1	9.5	11.0
62.5°	0.0	0.6	1.3	2.5	3.8	5.0	6.3	7.7	9.2	10.7	12.9
60°	0.0	0.7	1.4	2.8	4.2	5.6	6.9	8.6	10.2	12.4	14.7
57.5°	0.0	0.8	1.6	3.1	4.6	6.1	7.7	9.4	11.6	14.1	16.3
55°	0.0	0.8	1.8	3.4	5.0	6.6	8.4	10.3	13.0	15.6	17.9
52.5°	0.0	0.9	2.0	3.7	5.4	7.1	9.1	11.5	14.4	16.9	19.3
50°	0.0	0.9	2.2	4.0	5.8	7.7	9.8	12.6	15.6	18.2	21.0
47.5°	0.0	0.9	2.4	4.3	6.1	8.2	10.5	13.7	16.7	19.5	22.6
45°	0.0	1.0	2.6	4.5	6.5	8.8	11.4	14.7	17.8	20.9	24.2
42.5°	0.0	1.0	2.7	4.8	6.8	9.3	12.2	15.6	18.8	22.2	25.5
40°	0.0	1.1	2.9	5.0	7.2	9.8	13.0	16.5	19.9	23.5	26.7
37.5°	0.0	1.1	3.0	5.3	7.6	10.2	13.7	17.3	20.9	24.6	27.9
35°	0.0	1.1	3.2	5.5	7.9	10.8	14.4	18.2	21.9	25.6	28.9
32.5°	0.0	1.2	3.3	5.7	8.3	11.3	15.0	18.9	22.8	26.5	29.5
30°	0.0	1.2	3.4	5.9	8.6	11.8	15.6	19.7	23.6	27.3	30.1
27.5°	0.0	1.2	3.6	6.0	8.9	12.2	16.2	20.3	24.3	28.0	30.7
25°	0.0	1.3	3.7	6.2	9.1	12.6	16.7	20.9	24.9	28.6	31.3
22.5°	0.0	1.3	3.8	6.4	9.4	13.0	17.2	21.5	25.5	29.1	31.8
20°	0.0	1.3	3.9	6.5	9.6	13.4	17.7	21.9	25.9	29.5	32.3
17.5°	0.0	1.3	3.9	6.6	9.8	13.7	18.1	22.3	26.4	29.9	32.7
15°	0.0	1.4	4.0	6.7	9.9	14.1	18.5	22.7	26.7	30.2	33.1
12.5°	0.0	1.4	4.1	6.8	10.1	14.4	18.8	23.1	27.1	30.5	33.4
10°	0.0	1.4	4.1	6.9	10.2	14.6	19.1	23.5	27.4	30.8	33.6
7.5°	0.0	1.4	4.2	6.9	10.3	14.9	19.3	23.8	27.6	31.0	33.8
5°	0.0	1.4	4.2	7.0	10.3	15.1	19.4	24.1	27.8	31.2	34.0
2.5°	0.0	1.4	4.2	7.0	10.4	15.2	19.5	24.3	27.9	31.3	34.1
0°	0.0	1.4	4.2	7.0	10.4	15.3	19.5	24.4	27.9	31.3	34.1
-2.5°	0.0	1.4	4.2	7.0	10.4	15.2	19.5	24.3	27.9	31.3	34.1
-5°	0.0	1.4	4.2	7.0	10.3	15.1	19.4	24.1	27.8	31.2	34.0
-7.5°	0.0	1.4	4.2	6.9	10.3	14.9	19.3	23.8	27.6	31.0	33.8
-10°	0.0	1.4	4.1	6.9	10.2	14.6	19.1	23.5	27.4	30.8	33.6
-12.5°	0.0	1.4	4.1	6.8	10.1	14.4	18.8	23.1	27.1	30.5	33.4
-15°	0.0	1.4	4.0	6.7	9.9	14.1	18.5	22.7	26.7	30.2	33.1
-17.5°	0.0	1.3	3.9	6.6	9.8	13.7	18.1	22.3	26.4	29.9	32.7
-20°	0.0	1.3	3.9	6.5	9.6	13.4	17.7	21.9	25.9	29.5	32.3



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.3	3.8	6.4	9.4	13.0	17.2	21.5	25.5	29.1	31.8
-25°	0.0	1.3	3.7	6.2	9.1	12.6	16.7	20.9	24.9	28.6	31.3
-27.5°	0.0	1.2	3.6	6.0	8.9	12.2	16.2	20.3	24.3	28.0	30.7
-30°	0.0	1.2	3.4	5.9	8.6	11.8	15.6	19.7	23.6	27.3	30.1
-32.5°	0.0	1.2	3.3	5.7	8.3	11.3	15.0	18.9	22.8	26.5	29.5
-35°	0.0	1.1	3.2	5.5	7.9	10.8	14.4	18.2	21.9	25.6	28.9
-37.5°	0.0	1.1	3.0	5.3	7.6	10.2	13.7	17.3	20.9	24.6	27.9
-40°	0.0	1.1	2.9	5.0	7.2	9.8	13.0	16.5	19.9	23.5	26.7
-42.5°	0.0	1.0	2.7	4.8	6.8	9.3	12.2	15.6	18.8	22.2	25.5
-45°	0.0	1.0	2.6	4.5	6.5	8.8	11.4	14.7	17.8	20.9	24.2
-47.5°	0.0	0.9	2.4	4.3	6.1	8.2	10.5	13.7	16.7	19.5	22.6
-50°	0.0	0.9	2.2	4.0	5.8	7.7	9.8	12.6	15.6	18.2	21.0
-52.5°	0.0	0.9	2.0	3.7	5.4	7.1	9.1	11.5	14.4	16.9	19.3
-55°	0.0	0.8	1.8	3.4	5.0	6.6	8.4	10.3	13.0	15.6	17.9
-57.5°	0.0	0.8	1.6	3.1	4.6	6.1	7.7	9.4	11.6	14.1	16.3
-60°	0.0	0.7	1.4	2.8	4.2	5.6	6.9	8.6	10.2	12.4	14.7
-62.5°	0.0	0.6	1.3	2.5	3.8	5.0	6.3	7.7	9.2	10.7	12.9
-65°	0.0	0.6	1.2	2.1	3.3	4.5	5.6	6.8	8.1	9.5	11.0
-67.5°	0.0	0.5	1.1	1.8	2.9	3.9	5.0	6.0	7.0	8.3	9.5
-70°	0.0	0.5	1.0	1.5	2.4	3.4	4.3	5.2	6.1	7.0	8.1
-72.5°	0.0	0.4	0.8	1.3	2.0	2.8	3.6	4.4	5.2	6.0	6.8
-75°	0.0	0.4	0.7	1.1	1.5	2.2	2.9	3.6	4.3	5.0	5.6
-77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.2	2.8	3.4	3.9	4.5
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	2.0	2.4	2.9	3.3
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.1
-85°	0.0	0.1	0.2	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	0.2	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





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 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**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	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.6
82.5°	2.4	2.6	2.8	2.9	3.1	3.3	3.6	3.9	4.2	4.5	4.8
80°	3.6	3.9	4.2	4.5	5.0	5.5	5.9	6.4	6.8	7.2	7.7
77.5°	4.9	5.4	5.9	6.5	7.1	7.8	8.5	9.1	9.8	10.4	10.9
75°	6.3	6.9	7.8	8.7	9.6	10.4	11.2	12.0	12.8	13.5	14.2
72.5°	7.7	8.7	9.8	10.9	12.0	13.0	14.0	14.9	15.8	16.8	17.7
70°	9.2	10.4	11.9	13.3	14.5	15.7	16.8	17.9	18.9	20.0	21.0
67.5°	10.8	12.5	14.2	15.6	17.2	18.6	19.8	20.8	21.8	23.0	24.0
65°	12.9	14.7	16.4	18.2	20.0	21.3	22.5	23.7	24.6	25.7	26.9
62.5°	14.9	16.8	18.7	20.6	22.4	23.9	25.1	26.1	27.1	28.3	29.4
60°	16.7	18.7	20.9	22.9	24.7	26.1	27.3	28.4	29.5	30.7	31.4
57.5°	18.4	20.7	23.1	25.0	26.6	28.1	29.2	30.5	31.4	32.1	32.9
55°	20.2	22.8	25.0	26.8	28.4	29.8	31.0	32.1	32.9	33.6	34.5
52.5°	22.1	24.7	26.6	28.5	30.0	31.3	32.6	33.6	34.4	35.2	36.0
50°	23.9	26.2	28.2	30.0	31.5	32.8	34.0	34.9	35.8	36.7	37.3
47.5°	25.4	27.7	29.6	31.4	32.7	34.1	35.3	36.3	37.2	37.7	38.3
45°	26.8	29.0	31.1	32.5	33.9	35.4	36.5	37.6	37.9	38.4	38.9
42.5°	28.1	30.2	32.0	33.4	35.2	36.4	37.5	38.0	38.5	39.2	39.5
40°	29.2	31.3	33.0	34.6	36.3	37.3	38.1	38.6	39.4	39.8	40.0
37.5°	30.1	32.2	33.9	35.7	37.0	37.9	38.7	39.5	40.0	40.3	40.7
35°	31.0	33.0	34.8	36.5	37.6	38.6	39.4	40.2	40.5	40.8	41.5
32.5°	31.8	33.9	35.7	37.0	38.1	39.2	40.2	40.6	41.0	41.5	42.8
30°	32.5	34.6	36.3	37.5	38.6	39.7	40.6	41.1	41.5	42.5	44.5
27.5°	33.2	35.2	36.7	37.9	39.1	40.3	40.9	41.5	42.2	43.6	46.3
25°	33.8	35.7	37.1	38.3	39.6	40.6	41.2	41.8	42.9	45.3	48.8
22.5°	34.3	36.2	37.5	38.7	40.0	40.8	41.4	42.2	43.8	46.8	51.4
20°	34.7	36.5	37.8	39.1	40.3	41.0	41.6	42.7	44.9	48.9	54.6
17.5°	35.0	36.7	38.1	39.3	40.4	41.1	41.9	43.1	45.8	50.9	57.8
15°	35.4	37.0	38.3	39.5	40.4	41.2	42.2	43.8	47.1	53.0	60.7
12.5°	35.6	37.2	38.5	39.6	40.4	41.3	42.4	44.4	48.5	55.2	63.5
10°	35.8	37.3	38.7	39.6	40.4	41.5	42.5	44.9	49.7	56.7	65.4
7.5°	36.0	37.4	38.8	39.6	40.3	41.6	42.5	45.3	50.6	57.6	66.2
5°	36.1	37.5	38.7	39.6	40.4	41.6	42.5	45.7	51.1	58.0	66.4
2.5°	36.2	37.6	38.5	39.7	40.4	41.4	42.9	45.9	51.5	58.3	66.7
0°	36.2	37.6	38.3	39.7	40.4	41.1	43.2	46.0	51.6	58.5	66.9
-2.5°	36.2	37.6	38.5	39.7	40.4	41.4	42.9	45.9	51.5	58.3	66.7
-5°	36.1	37.5	38.7	39.6	40.4	41.6	42.5	45.7	51.1	58.0	66.4
-7.5°	36.0	37.4	38.8	39.6	40.3	41.6	42.5	45.3	50.6	57.6	66.2
-10°	35.8	37.3	38.7	39.6	40.4	41.5	42.5	44.9	49.7	56.7	65.4
-12.5°	35.6	37.2	38.5	39.6	40.4	41.3	42.4	44.4	48.5	55.2	63.5
-15°	35.4	37.0	38.3	39.5	40.4	41.2	42.2	43.8	47.1	53.0	60.7
-17.5°	35.0	36.7	38.1	39.3	40.4	41.1	41.9	43.1	45.8	50.9	57.8
-20°	34.7	36.5	37.8	39.1	40.3	41.0	41.6	42.7	44.9	48.9	54.6



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	34.3	36.2	37.5	38.7	40.0	40.8	41.4	42.2	43.8	46.8	51.4
-25°	33.8	35.7	37.1	38.3	39.6	40.6	41.2	41.8	42.9	45.3	48.8
-27.5°	33.2	35.2	36.7	37.9	39.1	40.3	40.9	41.5	42.2	43.6	46.3
-30°	32.5	34.6	36.3	37.5	38.6	39.7	40.6	41.1	41.5	42.5	44.5
-32.5°	31.8	33.9	35.7	37.0	38.1	39.2	40.2	40.6	41.0	41.5	42.8
-35°	31.0	33.0	34.8	36.5	37.6	38.6	39.4	40.2	40.5	40.8	41.5
-37.5°	30.1	32.2	33.9	35.7	37.0	37.9	38.7	39.5	40.0	40.3	40.7
-40°	29.2	31.3	33.0	34.6	36.3	37.3	38.1	38.6	39.4	39.8	40.0
-42.5°	28.1	30.2	32.0	33.4	35.2	36.4	37.5	38.0	38.5	39.2	39.5
-45°	26.8	29.0	31.1	32.5	33.9	35.4	36.5	37.6	37.9	38.4	38.9
-47.5°	25.4	27.7	29.6	31.4	32.7	34.1	35.3	36.3	37.2	37.7	38.3
-50°	23.9	26.2	28.2	30.0	31.5	32.8	34.0	34.9	35.8	36.7	37.3
-52.5°	22.1	24.7	26.6	28.5	30.0	31.3	32.6	33.6	34.4	35.2	36.0
-55°	20.2	22.8	25.0	26.8	28.4	29.8	31.0	32.1	32.9	33.6	34.5
-57.5°	18.4	20.7	23.1	25.0	26.6	28.1	29.2	30.5	31.4	32.1	32.9
-60°	16.7	18.7	20.9	22.9	24.7	26.1	27.3	28.4	29.5	30.7	31.4
-62.5°	14.9	16.8	18.7	20.6	22.4	23.9	25.1	26.1	27.1	28.3	29.4
-65°	12.9	14.7	16.4	18.2	20.0	21.3	22.5	23.7	24.6	25.7	26.9
-67.5°	10.8	12.5	14.2	15.6	17.2	18.6	19.8	20.8	21.8	23.0	24.0
-70°	9.2	10.4	11.9	13.3	14.5	15.7	16.8	17.9	18.9	20.0	21.0
-72.5°	7.7	8.7	9.8	10.9	12.0	13.0	14.0	14.9	15.8	16.8	17.7
-75°	6.3	6.9	7.8	8.7	9.6	10.4	11.2	12.0	12.8	13.5	14.2
-77.5°	4.9	5.4	5.9	6.5	7.1	7.8	8.5	9.1	9.8	10.4	10.9
-80°	3.6	3.9	4.2	4.5	5.0	5.5	5.9	6.4	6.8	7.2	7.7
-82.5°	2.4	2.6	2.8	2.9	3.1	3.3	3.6	3.9	4.2	4.5	4.8
-85°	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.4	2.5	2.6
-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: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**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	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.4
82.5°	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.5	6.6	6.6	6.5
80°	8.1	8.5	8.7	9.0	9.1	9.4	9.6	9.8	9.9	10.1	10.2
77.5°	11.5	11.8	12.1	12.4	12.6	13.0	13.3	13.6	13.9	14.1	14.3
75°	14.9	15.4	15.9	16.3	16.7	17.2	17.7	18.1	18.5	18.8	19.0
72.5°	18.7	19.5	20.1	20.5	20.9	21.4	21.9	22.3	22.7	23.0	23.2
70°	21.9	22.7	23.3	24.0	24.6	25.2	25.8	26.3	26.7	27.0	27.1
67.5°	24.9	25.9	26.8	27.6	28.2	28.7	29.1	29.5	29.8	30.0	30.3
65°	28.0	28.9	29.5	30.2	30.7	31.2	31.7	32.1	32.4	32.7	33.0
62.5°	30.4	31.0	31.6	32.3	32.9	33.6	34.0	34.3	34.7	34.9	34.9
60°	32.0	32.7	33.5	34.3	35.0	35.5	35.8	36.0	36.3	36.4	36.4
57.5°	33.8	34.8	35.6	36.0	36.4	36.8	37.1	37.4	37.6	37.8	37.8
55°	35.5	36.2	36.8	37.2	37.6	38.0	38.4	38.6	38.7	38.7	38.6
52.5°	36.8	37.4	37.9	38.4	38.9	39.3	39.6	39.6	39.5	39.5	39.3
50°	37.9	38.4	39.0	39.6	39.9	40.1	40.3	40.3	40.2	40.2	40.1
47.5°	38.7	39.2	39.7	40.2	40.5	40.7	40.9	41.0	41.2	41.2	41.3
45°	39.1	39.7	40.2	40.7	41.1	41.5	42.0	42.4	43.0	43.6	44.1
42.5°	39.7	40.3	41.0	41.6	42.2	43.1	44.4	45.6	46.8	48.3	49.6
40°	40.5	41.2	42.0	42.9	44.6	46.1	48.6	50.8	53.0	55.2	57.2
37.5°	41.5	42.3	43.8	45.6	48.4	51.3	54.2	57.5	60.7	63.4	66.2
35°	42.6	44.4	46.5	50.0	53.3	56.4	60.1	64.0	67.7	70.5	73.0
32.5°	44.7	47.1	50.8	54.5	58.1	62.2	66.1	69.5	72.1	74.9	77.6
30°	47.1	50.9	54.9	59.1	63.8	67.7	71.1	74.6	77.9	81.4	85.7
27.5°	50.2	54.5	59.1	64.3	68.5	72.1	76.2	81.1	88.1	93.4	101.6
25°	53.4	58.4	63.8	68.6	72.6	76.5	84.2	93.4	104.8	118.9	135.0
22.5°	57.3	63.0	68.1	72.5	77.1	85.2	96.5	114.0	135.8	166.1	205.6
20°	61.4	67.4	71.6	76.5	84.5	96.3	117.6	148.3	194.9	263.3	330.6
17.5°	65.0	70.3	74.6	80.7	92.7	113.5	148.5	210.6	296.5	433.2	561.7
15°	68.6	72.7	77.2	87.3	103.9	136.9	198.0	299.6	472.8	680.8	932.9
12.5°	71.0	74.9	80.3	93.1	118.9	168.3	269.5	441.6	688.0	1049.0	1391.8
10°	72.2	76.7	84.8	101.2	136.4	210.9	341.9	578.9	963.6	1442.5	2001.4
7.5°	72.5	77.9	88.4	109.2	153.3	254.3	440.6	744.1	1215.7	1820.4	2732.6
5°	72.7	79.0	91.1	116.0	170.3	287.7	512.7	883.4	1412.2	2172.1	3648.0
2.5°	72.5	79.6	92.8	121.3	181.0	311.4	562.9	979.9	1535.0	2467.1	4575.1
0°	71.8	78.7	93.3	123.3	185.3	319.1	583.8	1027.5	1586.9	2617.9	5022.7
-2.5°	72.5	79.6	92.8	121.3	181.0	311.4	562.9	979.9	1535.0	2467.1	4575.1
-5°	72.7	79.0	91.1	116.0	170.3	287.7	512.7	883.4	1412.2	2172.1	3648.0
-7.5°	72.5	77.9	88.4	109.2	153.3	254.3	440.6	744.1	1215.7	1820.4	2732.6
-10°	72.2	76.7	84.8	101.2	136.4	210.9	341.9	578.9	963.6	1442.5	2001.4
-12.5°	71.0	74.9	80.3	93.1	118.9	168.3	269.5	441.6	688.0	1049.0	1391.8
-15°	68.6	72.7	77.2	87.3	103.9	136.9	198.0	299.6	472.8	680.8	932.9
-17.5°	65.0	70.3	74.6	80.7	92.7	113.5	148.5	210.6	296.5	433.2	561.7
-20°	61.4	67.4	71.6	76.5	84.5	96.3	117.6	148.3	194.9	263.3	330.6



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	57.3	63.0	68.1	72.5	77.1	85.2	96.5	114.0	135.8	166.1	205.6
-25°	53.4	58.4	63.8	68.6	72.6	76.5	84.2	93.4	104.8	118.9	135.0
-27.5°	50.2	54.5	59.1	64.3	68.5	72.1	76.2	81.1	88.1	93.4	101.6
-30°	47.1	50.9	54.9	59.1	63.8	67.7	71.1	74.6	77.9	81.4	85.7
-32.5°	44.7	47.1	50.8	54.5	58.1	62.2	66.1	69.5	72.1	74.9	77.6
-35°	42.6	44.4	46.5	50.0	53.3	56.4	60.1	64.0	67.7	70.5	73.0
-37.5°	41.5	42.3	43.8	45.6	48.4	51.3	54.2	57.5	60.7	63.4	66.2
-40°	40.5	41.2	42.0	42.9	44.6	46.1	48.6	50.8	53.0	55.2	57.2
-42.5°	39.7	40.3	41.0	41.6	42.2	43.1	44.4	45.6	46.8	48.3	49.6
-45°	39.1	39.7	40.2	40.7	41.1	41.5	42.0	42.4	43.0	43.6	44.1
-47.5°	38.7	39.2	39.7	40.2	40.5	40.7	40.9	41.0	41.2	41.2	41.3
-50°	37.9	38.4	39.0	39.6	39.9	40.1	40.3	40.3	40.2	40.2	40.1
-52.5°	36.8	37.4	37.9	38.4	38.9	39.3	39.6	39.6	39.5	39.5	39.3
-55°	35.5	36.2	36.8	37.2	37.6	38.0	38.4	38.6	38.7	38.7	38.6
-57.5°	33.8	34.8	35.6	36.0	36.4	36.8	37.1	37.4	37.6	37.8	37.8
-60°	32.0	32.7	33.5	34.3	35.0	35.5	35.8	36.0	36.3	36.4	36.4
-62.5°	30.4	31.0	31.6	32.3	32.9	33.6	34.0	34.3	34.7	34.9	34.9
-65°	28.0	28.9	29.5	30.2	30.7	31.2	31.7	32.1	32.4	32.7	33.0
-67.5°	24.9	25.9	26.8	27.6	28.2	28.7	29.1	29.5	29.8	30.0	30.3
-70°	21.9	22.7	23.3	24.0	24.6	25.2	25.8	26.3	26.7	27.0	27.1
-72.5°	18.7	19.5	20.1	20.5	20.9	21.4	21.9	22.3	22.7	23.0	23.2
-75°	14.9	15.4	15.9	16.3	16.7	17.2	17.7	18.1	18.5	18.8	19.0
-77.5°	11.5	11.8	12.1	12.4	12.6	13.0	13.3	13.6	13.9	14.1	14.3
-80°	8.1	8.5	8.7	9.0	9.1	9.4	9.6	9.8	9.9	10.1	10.2
-82.5°	5.1	5.3	5.6	5.8	6.0	6.2	6.4	6.5	6.6	6.6	6.5
-85°	2.7	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.4	3.4
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
82.5°	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.6	6.6	6.5
80°	10.3	10.3	10.4	10.4	10.4	10.3	10.3	10.2	10.1	9.9	9.8
77.5°	14.4	14.5	14.6	14.6	14.6	14.5	14.4	14.3	14.1	13.9	13.6
75°	19.2	19.4	19.1	18.8	19.1	19.4	19.2	19.0	18.8	18.5	18.1
72.5°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.7	22.3
70°	27.1	27.1	27.2	27.2	27.2	27.1	27.1	27.1	27.0	26.7	26.3
67.5°	30.4	30.6	30.7	30.7	30.7	30.6	30.4	30.3	30.0	29.8	29.5
65°	33.2	33.3	33.1	32.7	33.1	33.3	33.2	33.0	32.7	32.4	32.1
62.5°	34.9	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.7	34.3
60°	36.3	36.2	36.2	36.2	36.2	36.2	36.3	36.4	36.4	36.3	36.0
57.5°	37.7	37.6	37.6	37.6	37.6	37.6	37.7	37.8	37.8	37.6	37.4
55°	38.5	38.3	38.3	38.3	38.3	38.3	38.5	38.6	38.7	38.7	38.6
52.5°	39.2	39.0	39.0	39.0	39.0	39.0	39.2	39.3	39.5	39.5	39.6
50°	39.9	39.8	39.7	39.7	39.7	39.8	39.9	40.1	40.2	40.2	40.3
47.5°	41.5	41.6	41.8	41.8	41.8	41.6	41.5	41.3	41.2	41.2	41.0
45°	44.6	45.0	45.2	45.3	45.2	45.0	44.6	44.1	43.6	43.0	42.4
42.5°	50.7	51.5	52.0	52.2	52.0	51.5	50.7	49.6	48.3	46.8	45.6
40°	58.3	58.8	59.0	59.2	59.0	58.8	58.3	57.2	55.2	53.0	50.8
37.5°	67.5	67.3	66.7	66.9	66.7	67.3	67.5	66.2	63.4	60.7	57.5
35°	73.9	73.4	72.7	71.8	72.7	73.4	73.9	73.0	70.5	67.7	64.0
32.5°	79.1	79.6	79.8	79.4	79.8	79.6	79.1	77.6	74.9	72.1	69.5
30°	89.1	91.4	92.8	93.3	92.8	91.4	89.1	85.7	81.4	77.9	74.6
27.5°	109.2	115.3	119.7	121.3	119.7	115.3	109.2	101.6	93.4	88.1	81.1
25°	150.9	165.7	173.9	175.6	173.9	165.7	150.9	135.0	118.9	104.8	93.4
22.5°	245.5	273.2	289.1	293.3	289.1	273.2	245.5	205.6	166.1	135.8	114.0
20°	421.2	483.8	516.7	523.9	516.7	483.8	421.2	330.6	263.3	194.9	148.3
17.5°	707.0	829.2	898.4	922.0	898.4	829.2	707.0	561.7	433.2	296.5	210.6
15°	1142.3	1307.2	1420.3	1435.8	1420.3	1307.2	1142.3	932.9	680.8	472.8	299.6
12.5°	1712.6	2041.8	2309.4	2405.5	2309.4	2041.8	1712.6	1391.8	1049.0	688.0	441.6
10°	2620.8	3513.3	4416.9	4716.2	4416.9	3513.3	2620.8	2001.4	1442.5	963.6	578.9
7.5°	4327.0	6824.8	9607.5	10892.6	9607.5	6824.8	4327.0	2732.6	1820.4	1215.7	744.1
5°	6668.5	12802.8	19423.6	22341.1	19423.6	12802.8	6668.5	3648.0	2172.1	1412.2	883.4
2.5°	9627.0	19440.4	30988.2	35890.4	30988.2	19440.4	9627.0	4575.1	2467.1	1535.0	979.9
0°	11313.7	22372.4	36453.8	42734.4	36453.8	22372.4	11313.7	5022.7	2617.9	1586.9	1027.5
-2.5°	9627.0	19440.4	30988.2	35890.4	30988.2	19440.4	9627.0	4575.1	2467.1	1535.0	979.9
-5°	6668.5	12802.8	19423.6	22341.1	19423.6	12802.8	6668.5	3648.0	2172.1	1412.2	883.4
-7.5°	4327.0	6824.8	9607.5	10892.6	9607.5	6824.8	4327.0	2732.6	1820.4	1215.7	744.1
-10°	2620.8	3513.3	4416.9	4716.2	4416.9	3513.3	2620.8	2001.4	1442.5	963.6	578.9
-12.5°	1712.6	2041.8	2309.4	2405.5	2309.4	2041.8	1712.6	1391.8	1049.0	688.0	441.6
-15°	1142.3	1307.2	1420.3	1435.8	1420.3	1307.2	1142.3	932.9	680.8	472.8	299.6
-17.5°	707.0	829.2	898.4	922.0	898.4	829.2	707.0	561.7	433.2	296.5	210.6
-20°	421.2	483.8	516.7	523.9	516.7	483.8	421.2	330.6	263.3	194.9	148.3



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	245.5	273.2	289.1	293.3	289.1	273.2	245.5	205.6	166.1	135.8	114.0
-25°	150.9	165.7	173.9	175.6	173.9	165.7	150.9	135.0	118.9	104.8	93.4
-27.5°	109.2	115.3	119.7	121.3	119.7	115.3	109.2	101.6	93.4	88.1	81.1
-30°	89.1	91.4	92.8	93.3	92.8	91.4	89.1	85.7	81.4	77.9	74.6
-32.5°	79.1	79.6	79.8	79.4	79.8	79.6	79.1	77.6	74.9	72.1	69.5
-35°	73.9	73.4	72.7	71.8	72.7	73.4	73.9	73.0	70.5	67.7	64.0
-37.5°	67.5	67.3	66.7	66.9	66.7	67.3	67.5	66.2	63.4	60.7	57.5
-40°	58.3	58.8	59.0	59.2	59.0	58.8	58.3	57.2	55.2	53.0	50.8
-42.5°	50.7	51.5	52.0	52.2	52.0	51.5	50.7	49.6	48.3	46.8	45.6
-45°	44.6	45.0	45.2	45.3	45.2	45.0	44.6	44.1	43.6	43.0	42.4
-47.5°	41.5	41.6	41.8	41.8	41.8	41.6	41.5	41.3	41.2	41.2	41.0
-50°	39.9	39.8	39.7	39.7	39.7	39.8	39.9	40.1	40.2	40.2	40.3
-52.5°	39.2	39.0	39.0	39.0	39.0	39.0	39.2	39.3	39.5	39.5	39.6
-55°	38.5	38.3	38.3	38.3	38.3	38.3	38.5	38.6	38.7	38.7	38.6
-57.5°	37.7	37.6	37.6	37.6	37.6	37.6	37.7	37.8	37.8	37.6	37.4
-60°	36.3	36.2	36.2	36.2	36.2	36.2	36.3	36.4	36.4	36.3	36.0
-62.5°	34.9	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.7	34.3
-65°	33.2	33.3	33.1	32.7	33.1	33.3	33.2	33.0	32.7	32.4	32.1
-67.5°	30.4	30.6	30.7	30.7	30.7	30.6	30.4	30.3	30.0	29.8	29.5
-70°	27.1	27.1	27.2	27.2	27.2	27.1	27.1	27.1	27.0	26.7	26.3
-72.5°	23.4	23.6	23.7	23.7	23.7	23.6	23.4	23.2	23.0	22.7	22.3
-75°	19.2	19.4	19.1	18.8	19.1	19.4	19.2	19.0	18.8	18.5	18.1
-77.5°	14.4	14.5	14.6	14.6	14.6	14.5	14.4	14.3	14.1	13.9	13.6
-80°	10.3	10.3	10.4	10.4	10.4	10.3	10.3	10.2	10.1	9.9	9.8
-82.5°	6.4	6.3	6.3	6.3	6.3	6.3	6.4	6.5	6.6	6.6	6.5
-85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4	3.3
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
82.5°	6.4	6.2	6.0	5.8	5.6	5.3	5.1	4.8	4.5	4.2	3.9
80°	9.6	9.4	9.1	9.0	8.7	8.5	8.1	7.7	7.2	6.8	6.4
77.5°	13.3	13.0	12.6	12.4	12.1	11.8	11.5	10.9	10.4	9.8	9.1
75°	17.7	17.2	16.7	16.3	15.9	15.4	14.9	14.2	13.5	12.8	12.0
72.5°	21.9	21.4	20.9	20.5	20.1	19.5	18.7	17.7	16.8	15.8	14.9
70°	25.8	25.2	24.6	24.0	23.3	22.7	21.9	21.0	20.0	18.9	17.9
67.5°	29.1	28.7	28.2	27.6	26.8	25.9	24.9	24.0	23.0	21.8	20.8
65°	31.7	31.2	30.7	30.2	29.5	28.9	28.0	26.9	25.7	24.6	23.7
62.5°	34.0	33.6	32.9	32.3	31.6	31.0	30.4	29.4	28.3	27.1	26.1
60°	35.8	35.5	35.0	34.3	33.5	32.7	32.0	31.4	30.7	29.5	28.4
57.5°	37.1	36.8	36.4	36.0	35.6	34.8	33.8	32.9	32.1	31.4	30.5
55°	38.4	38.0	37.6	37.2	36.8	36.2	35.5	34.5	33.6	32.9	32.1
52.5°	39.6	39.3	38.9	38.4	37.9	37.4	36.8	36.0	35.2	34.4	33.6
50°	40.3	40.1	39.9	39.6	39.0	38.4	37.9	37.3	36.7	35.8	34.9
47.5°	40.9	40.7	40.5	40.2	39.7	39.2	38.7	38.3	37.7	37.2	36.3
45°	42.0	41.5	41.1	40.7	40.2	39.7	39.1	38.9	38.4	37.9	37.6
42.5°	44.4	43.1	42.2	41.6	41.0	40.3	39.7	39.5	39.2	38.5	38.0
40°	48.6	46.1	44.6	42.9	42.0	41.2	40.5	40.0	39.8	39.4	38.6
37.5°	54.2	51.3	48.4	45.6	43.8	42.3	41.5	40.7	40.3	40.0	39.5
35°	60.1	56.4	53.3	50.0	46.5	44.4	42.6	41.5	40.8	40.5	40.2
32.5°	66.1	62.2	58.1	54.5	50.8	47.1	44.7	42.8	41.5	41.0	40.6
30°	71.1	67.7	63.8	59.1	54.9	50.9	47.1	44.5	42.5	41.5	41.1
27.5°	76.2	72.1	68.5	64.3	59.1	54.5	50.2	46.3	43.6	42.2	41.5
25°	84.2	76.5	72.6	68.6	63.8	58.4	53.4	48.8	45.3	42.9	41.8
22.5°	96.5	85.2	77.1	72.5	68.1	63.0	57.3	51.4	46.8	43.8	42.2
20°	117.6	96.3	84.5	76.5	71.6	67.4	61.4	54.6	48.9	44.9	42.7
17.5°	148.5	113.5	92.7	80.7	74.6	70.3	65.0	57.8	50.9	45.8	43.1
15°	198.0	136.9	103.9	87.3	77.2	72.7	68.6	60.7	53.0	47.1	43.8
12.5°	269.5	168.3	118.9	93.1	80.3	74.9	71.0	63.5	55.2	48.5	44.4
10°	341.9	210.9	136.4	101.2	84.8	76.7	72.2	65.4	56.7	49.7	44.9
7.5°	440.6	254.3	153.3	109.2	88.4	77.9	72.5	66.2	57.6	50.6	45.3
5°	512.7	287.7	170.3	116.0	91.1	79.0	72.7	66.4	58.0	51.1	45.7
2.5°	562.9	311.4	181.0	121.3	92.8	79.6	72.5	66.7	58.3	51.5	45.9
0°	583.8	319.1	185.3	123.3	93.3	78.7	71.8	66.9	58.5	51.6	46.0
-2.5°	562.9	311.4	181.0	121.3	92.8	79.6	72.5	66.7	58.3	51.5	45.9
-5°	512.7	287.7	170.3	116.0	91.1	79.0	72.7	66.4	58.0	51.1	45.7
-7.5°	440.6	254.3	153.3	109.2	88.4	77.9	72.5	66.2	57.6	50.6	45.3
-10°	341.9	210.9	136.4	101.2	84.8	76.7	72.2	65.4	56.7	49.7	44.9
-12.5°	269.5	168.3	118.9	93.1	80.3	74.9	71.0	63.5	55.2	48.5	44.4
-15°	198.0	136.9	103.9	87.3	77.2	72.7	68.6	60.7	53.0	47.1	43.8
-17.5°	148.5	113.5	92.7	80.7	74.6	70.3	65.0	57.8	50.9	45.8	43.1
-20°	117.6	96.3	84.5	76.5	71.6	67.4	61.4	54.6	48.9	44.9	42.7



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	96.5	85.2	77.1	72.5	68.1	63.0	57.3	51.4	46.8	43.8	42.2
-25°	84.2	76.5	72.6	68.6	63.8	58.4	53.4	48.8	45.3	42.9	41.8
-27.5°	76.2	72.1	68.5	64.3	59.1	54.5	50.2	46.3	43.6	42.2	41.5
-30°	71.1	67.7	63.8	59.1	54.9	50.9	47.1	44.5	42.5	41.5	41.1
-32.5°	66.1	62.2	58.1	54.5	50.8	47.1	44.7	42.8	41.5	41.0	40.6
-35°	60.1	56.4	53.3	50.0	46.5	44.4	42.6	41.5	40.8	40.5	40.2
-37.5°	54.2	51.3	48.4	45.6	43.8	42.3	41.5	40.7	40.3	40.0	39.5
-40°	48.6	46.1	44.6	42.9	42.0	41.2	40.5	40.0	39.8	39.4	38.6
-42.5°	44.4	43.1	42.2	41.6	41.0	40.3	39.7	39.5	39.2	38.5	38.0
-45°	42.0	41.5	41.1	40.7	40.2	39.7	39.1	38.9	38.4	37.9	37.6
-47.5°	40.9	40.7	40.5	40.2	39.7	39.2	38.7	38.3	37.7	37.2	36.3
-50°	40.3	40.1	39.9	39.6	39.0	38.4	37.9	37.3	36.7	35.8	34.9
-52.5°	39.6	39.3	38.9	38.4	37.9	37.4	36.8	36.0	35.2	34.4	33.6
-55°	38.4	38.0	37.6	37.2	36.8	36.2	35.5	34.5	33.6	32.9	32.1
-57.5°	37.1	36.8	36.4	36.0	35.6	34.8	33.8	32.9	32.1	31.4	30.5
-60°	35.8	35.5	35.0	34.3	33.5	32.7	32.0	31.4	30.7	29.5	28.4
-62.5°	34.0	33.6	32.9	32.3	31.6	31.0	30.4	29.4	28.3	27.1	26.1
-65°	31.7	31.2	30.7	30.2	29.5	28.9	28.0	26.9	25.7	24.6	23.7
-67.5°	29.1	28.7	28.2	27.6	26.8	25.9	24.9	24.0	23.0	21.8	20.8
-70°	25.8	25.2	24.6	24.0	23.3	22.7	21.9	21.0	20.0	18.9	17.9
-72.5°	21.9	21.4	20.9	20.5	20.1	19.5	18.7	17.7	16.8	15.8	14.9
-75°	17.7	17.2	16.7	16.3	15.9	15.4	14.9	14.2	13.5	12.8	12.0
-77.5°	13.3	13.0	12.6	12.4	12.1	11.8	11.5	10.9	10.4	9.8	9.1
-80°	9.6	9.4	9.1	9.0	8.7	8.5	8.1	7.7	7.2	6.8	6.4
-82.5°	6.4	6.2	6.0	5.8	5.6	5.3	5.1	4.8	4.5	4.2	3.9
-85°	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	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: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**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°	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	3.6	3.3	3.1	2.9	2.8	2.6	2.4	2.1	1.8	1.5	1.3
80°	5.9	5.5	5.0	4.5	4.2	3.9	3.6	3.3	2.9	2.4	2.0
77.5°	8.5	7.8	7.1	6.5	5.9	5.4	4.9	4.5	3.9	3.4	2.8
75°	11.2	10.4	9.6	8.7	7.8	6.9	6.3	5.6	5.0	4.3	3.6
72.5°	14.0	13.0	12.0	10.9	9.8	8.7	7.7	6.8	6.0	5.2	4.4
70°	16.8	15.7	14.5	13.3	11.9	10.4	9.2	8.1	7.0	6.1	5.2
67.5°	19.8	18.6	17.2	15.6	14.2	12.5	10.8	9.5	8.3	7.0	6.0
65°	22.5	21.3	20.0	18.2	16.4	14.7	12.9	11.0	9.5	8.1	6.8
62.5°	25.1	23.9	22.4	20.6	18.7	16.8	14.9	12.9	10.7	9.2	7.7
60°	27.3	26.1	24.7	22.9	20.9	18.7	16.7	14.7	12.4	10.2	8.6
57.5°	29.2	28.1	26.6	25.0	23.1	20.7	18.4	16.3	14.1	11.6	9.4
55°	31.0	29.8	28.4	26.8	25.0	22.8	20.2	17.9	15.6	13.0	10.3
52.5°	32.6	31.3	30.0	28.5	26.6	24.7	22.1	19.3	16.9	14.4	11.5
50°	34.0	32.8	31.5	30.0	28.2	26.2	23.9	21.0	18.2	15.6	12.6
47.5°	35.3	34.1	32.7	31.4	29.6	27.7	25.4	22.6	19.5	16.7	13.7
45°	36.5	35.4	33.9	32.5	31.1	29.0	26.8	24.2	20.9	17.8	14.7
42.5°	37.5	36.4	35.2	33.4	32.0	30.2	28.1	25.5	22.2	18.8	15.6
40°	38.1	37.3	36.3	34.6	33.0	31.3	29.2	26.7	23.5	19.9	16.5
37.5°	38.7	37.9	37.0	35.7	33.9	32.2	30.1	27.9	24.6	20.9	17.3
35°	39.4	38.6	37.6	36.5	34.8	33.0	31.0	28.9	25.6	21.9	18.2
32.5°	40.2	39.2	38.1	37.0	35.7	33.9	31.8	29.5	26.5	22.8	18.9
30°	40.6	39.7	38.6	37.5	36.3	34.6	32.5	30.1	27.3	23.6	19.7
27.5°	40.9	40.3	39.1	37.9	36.7	35.2	33.2	30.7	28.0	24.3	20.3
25°	41.2	40.6	39.6	38.3	37.1	35.7	33.8	31.3	28.6	24.9	20.9
22.5°	41.4	40.8	40.0	38.7	37.5	36.2	34.3	31.8	29.1	25.5	21.5
20°	41.6	41.0	40.3	39.1	37.8	36.5	34.7	32.3	29.5	25.9	21.9
17.5°	41.9	41.1	40.4	39.3	38.1	36.7	35.0	32.7	29.9	26.4	22.3
15°	42.2	41.2	40.4	39.5	38.3	37.0	35.4	33.1	30.2	26.7	22.7
12.5°	42.4	41.3	40.4	39.6	38.5	37.2	35.6	33.4	30.5	27.1	23.1
10°	42.5	41.5	40.4	39.6	38.7	37.3	35.8	33.6	30.8	27.4	23.5
7.5°	42.5	41.6	40.3	39.6	38.8	37.4	36.0	33.8	31.0	27.6	23.8
5°	42.5	41.6	40.4	39.6	38.7	37.5	36.1	34.0	31.2	27.8	24.1
2.5°	42.9	41.4	40.4	39.7	38.5	37.6	36.2	34.1	31.3	27.9	24.3
0°	43.2	41.1	40.4	39.7	38.3	37.6	36.2	34.1	31.3	27.9	24.4
-2.5°	42.9	41.4	40.4	39.7	38.5	37.6	36.2	34.1	31.3	27.9	24.3
-5°	42.5	41.6	40.4	39.6	38.7	37.5	36.1	34.0	31.2	27.8	24.1
-7.5°	42.5	41.6	40.3	39.6	38.8	37.4	36.0	33.8	31.0	27.6	23.8
-10°	42.5	41.5	40.4	39.6	38.7	37.3	35.8	33.6	30.8	27.4	23.5
-12.5°	42.4	41.3	40.4	39.6	38.5	37.2	35.6	33.4	30.5	27.1	23.1
-15°	42.2	41.2	40.4	39.5	38.3	37.0	35.4	33.1	30.2	26.7	22.7
-17.5°	41.9	41.1	40.4	39.3	38.1	36.7	35.0	32.7	29.9	26.4	22.3
-20°	41.6	41.0	40.3	39.1	37.8	36.5	34.7	32.3	29.5	25.9	21.9



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-AMB-U-TS-BK

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	41.4	40.8	40.0	38.7	37.5	36.2	34.3	31.8	29.1	25.5	21.5
-25°	41.2	40.6	39.6	38.3	37.1	35.7	33.8	31.3	28.6	24.9	20.9
-27.5°	40.9	40.3	39.1	37.9	36.7	35.2	33.2	30.7	28.0	24.3	20.3
-30°	40.6	39.7	38.6	37.5	36.3	34.6	32.5	30.1	27.3	23.6	19.7
-32.5°	40.2	39.2	38.1	37.0	35.7	33.9	31.8	29.5	26.5	22.8	18.9
-35°	39.4	38.6	37.6	36.5	34.8	33.0	31.0	28.9	25.6	21.9	18.2
-37.5°	38.7	37.9	37.0	35.7	33.9	32.2	30.1	27.9	24.6	20.9	17.3
-40°	38.1	37.3	36.3	34.6	33.0	31.3	29.2	26.7	23.5	19.9	16.5
-42.5°	37.5	36.4	35.2	33.4	32.0	30.2	28.1	25.5	22.2	18.8	15.6
-45°	36.5	35.4	33.9	32.5	31.1	29.0	26.8	24.2	20.9	17.8	14.7
-47.5°	35.3	34.1	32.7	31.4	29.6	27.7	25.4	22.6	19.5	16.7	13.7
-50°	34.0	32.8	31.5	30.0	28.2	26.2	23.9	21.0	18.2	15.6	12.6
-52.5°	32.6	31.3	30.0	28.5	26.6	24.7	22.1	19.3	16.9	14.4	11.5
-55°	31.0	29.8	28.4	26.8	25.0	22.8	20.2	17.9	15.6	13.0	10.3
-57.5°	29.2	28.1	26.6	25.0	23.1	20.7	18.4	16.3	14.1	11.6	9.4
-60°	27.3	26.1	24.7	22.9	20.9	18.7	16.7	14.7	12.4	10.2	8.6
-62.5°	25.1	23.9	22.4	20.6	18.7	16.8	14.9	12.9	10.7	9.2	7.7
-65°	22.5	21.3	20.0	18.2	16.4	14.7	12.9	11.0	9.5	8.1	6.8
-67.5°	19.8	18.6	17.2	15.6	14.2	12.5	10.8	9.5	8.3	7.0	6.0
-70°	16.8	15.7	14.5	13.3	11.9	10.4	9.2	8.1	7.0	6.1	5.2
-72.5°	14.0	13.0	12.0	10.9	9.8	8.7	7.7	6.8	6.0	5.2	4.4
-75°	11.2	10.4	9.6	8.7	7.8	6.9	6.3	5.6	5.0	4.3	3.6
-77.5°	8.5	7.8	7.1	6.5	5.9	5.4	4.9	4.5	3.9	3.4	2.8
-80°	5.9	5.5	5.0	4.5	4.2	3.9	3.6	3.3	2.9	2.4	2.0
-82.5°	3.6	3.3	3.1	2.9	2.8	2.6	2.4	2.1	1.8	1.5	1.3
-85°	2.1	2.0	1.9	1.7	1.6	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



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**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	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	2.2	1.6	1.2	0.9	0.6	0.3	0.0
75°	2.9	2.2	1.5	1.1	0.7	0.4	0.0
72.5°	3.6	2.8	2.0	1.3	0.8	0.4	0.0
70°	4.3	3.4	2.4	1.5	1.0	0.5	0.0
67.5°	5.0	3.9	2.9	1.8	1.1	0.5	0.0
65°	5.6	4.5	3.3	2.1	1.2	0.6	0.0
62.5°	6.3	5.0	3.8	2.5	1.3	0.6	0.0
60°	6.9	5.6	4.2	2.8	1.4	0.7	0.0
57.5°	7.7	6.1	4.6	3.1	1.6	0.8	0.0
55°	8.4	6.6	5.0	3.4	1.8	0.8	0.0
52.5°	9.1	7.1	5.4	3.7	2.0	0.9	0.0
50°	9.8	7.7	5.8	4.0	2.2	0.9	0.0
47.5°	10.5	8.2	6.1	4.3	2.4	0.9	0.0
45°	11.4	8.8	6.5	4.5	2.6	1.0	0.0
42.5°	12.2	9.3	6.8	4.8	2.7	1.0	0.0
40°	13.0	9.8	7.2	5.0	2.9	1.1	0.0
37.5°	13.7	10.2	7.6	5.3	3.0	1.1	0.0
35°	14.4	10.8	7.9	5.5	3.2	1.1	0.0
32.5°	15.0	11.3	8.3	5.7	3.3	1.2	0.0
30°	15.6	11.8	8.6	5.9	3.4	1.2	0.0
27.5°	16.2	12.2	8.9	6.0	3.6	1.2	0.0
25°	16.7	12.6	9.1	6.2	3.7	1.3	0.0
22.5°	17.2	13.0	9.4	6.4	3.8	1.3	0.0
20°	17.7	13.4	9.6	6.5	3.9	1.3	0.0
17.5°	18.1	13.7	9.8	6.6	3.9	1.3	0.0
15°	18.5	14.1	9.9	6.7	4.0	1.4	0.0
12.5°	18.8	14.4	10.1	6.8	4.1	1.4	0.0
10°	19.1	14.6	10.2	6.9	4.1	1.4	0.0
7.5°	19.3	14.9	10.3	6.9	4.2	1.4	0.0
5°	19.4	15.1	10.3	7.0	4.2	1.4	0.0
2.5°	19.5	15.2	10.4	7.0	4.2	1.4	0.0
0°	19.5	15.3	10.4	7.0	4.2	1.4	0.0
-2.5°	19.5	15.2	10.4	7.0	4.2	1.4	0.0
-5°	19.4	15.1	10.3	7.0	4.2	1.4	0.0
-7.5°	19.3	14.9	10.3	6.9	4.2	1.4	0.0
-10°	19.1	14.6	10.2	6.9	4.1	1.4	0.0
-12.5°	18.8	14.4	10.1	6.8	4.1	1.4	0.0
-15°	18.5	14.1	9.9	6.7	4.0	1.4	0.0
-17.5°	18.1	13.7	9.8	6.6	3.9	1.3	0.0
-20°	17.7	13.4	9.6	6.5	3.9	1.3	0.0



REPORT NUMBER: P561376 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.2	13.0	9.4	6.4	3.8	1.3	0.0
-25°	16.7	12.6	9.1	6.2	3.7	1.3	0.0
-27.5°	16.2	12.2	8.9	6.0	3.6	1.2	0.0
-30°	15.6	11.8	8.6	5.9	3.4	1.2	0.0
-32.5°	15.0	11.3	8.3	5.7	3.3	1.2	0.0
-35°	14.4	10.8	7.9	5.5	3.2	1.1	0.0
-37.5°	13.7	10.2	7.6	5.3	3.0	1.1	0.0
-40°	13.0	9.8	7.2	5.0	2.9	1.1	0.0
-42.5°	12.2	9.3	6.8	4.8	2.7	1.0	0.0
-45°	11.4	8.8	6.5	4.5	2.6	1.0	0.0
-47.5°	10.5	8.2	6.1	4.3	2.4	0.9	0.0
-50°	9.8	7.7	5.8	4.0	2.2	0.9	0.0
-52.5°	9.1	7.1	5.4	3.7	2.0	0.9	0.0
-55°	8.4	6.6	5.0	3.4	1.8	0.8	0.0
-57.5°	7.7	6.1	4.6	3.1	1.6	0.8	0.0
-60°	6.9	5.6	4.2	2.8	1.4	0.7	0.0
-62.5°	6.3	5.0	3.8	2.5	1.3	0.6	0.0
-65°	5.6	4.5	3.3	2.1	1.2	0.6	0.0
-67.5°	5.0	3.9	2.9	1.8	1.1	0.5	0.0
-70°	4.3	3.4	2.4	1.5	1.0	0.5	0.0
-72.5°	3.6	2.8	2.0	1.3	0.8	0.4	0.0
-75°	2.9	2.2	1.5	1.1	0.7	0.4	0.0
-77.5°	2.2	1.6	1.2	0.9	0.6	0.3	0.0
-80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	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)