

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: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-AMB-U-NR-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4B-AMB-U-NR-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (64) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

**Summary**

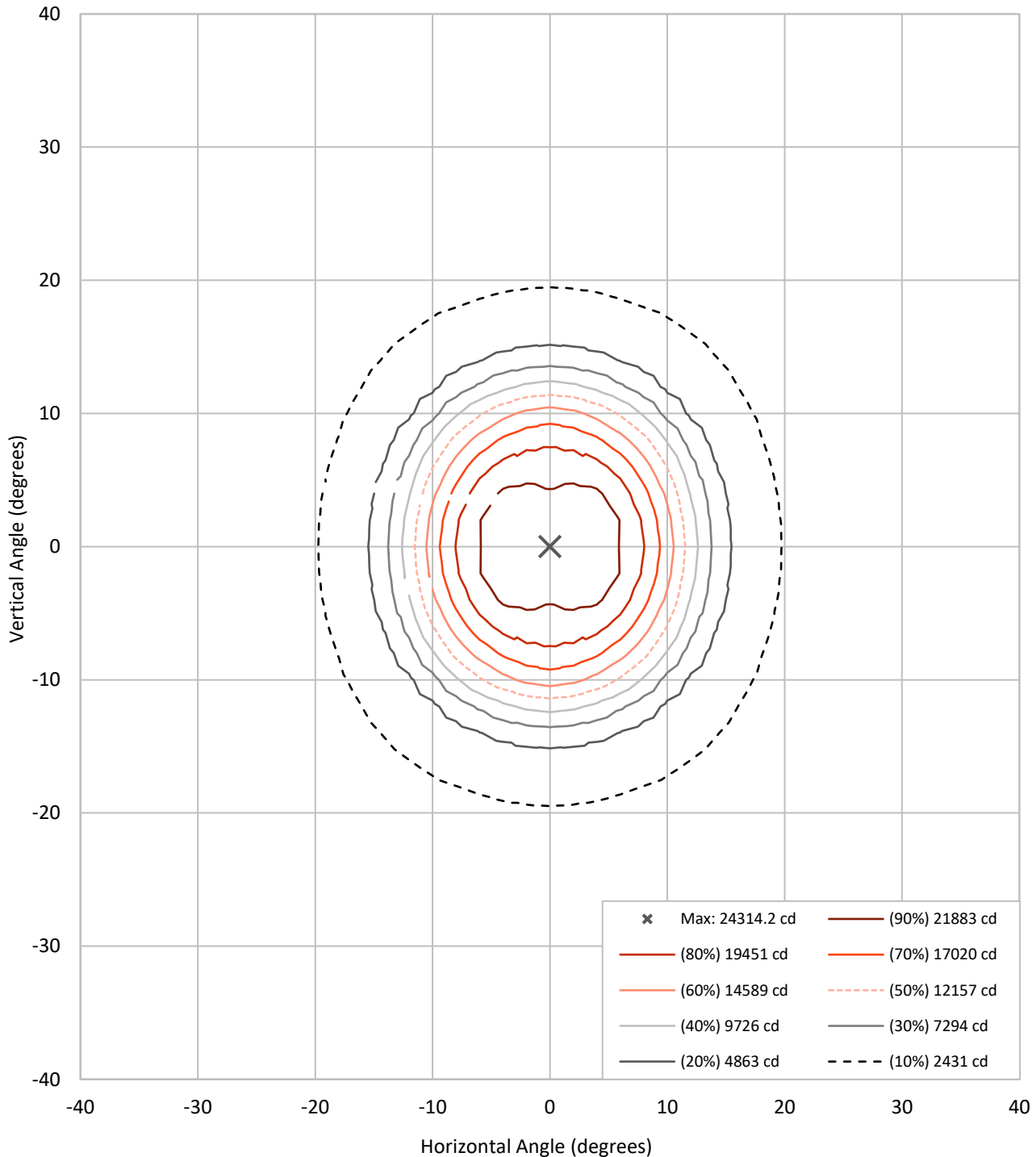
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4429.8 lumens	Max Intensity:	24314.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	23°H x 22.8°V	Field Angle (10%):	39.5°H x 39°V
Beam Lumens:	2377.8 lumens	Field Lumens:	3617.6 lumens
Beam Efficiency:	53.7%	Field Efficiency:	81.7%

Input Watts (W): 80.5  
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-SA4B-AMB-U-NR-BK

### Iso-Candela Plot





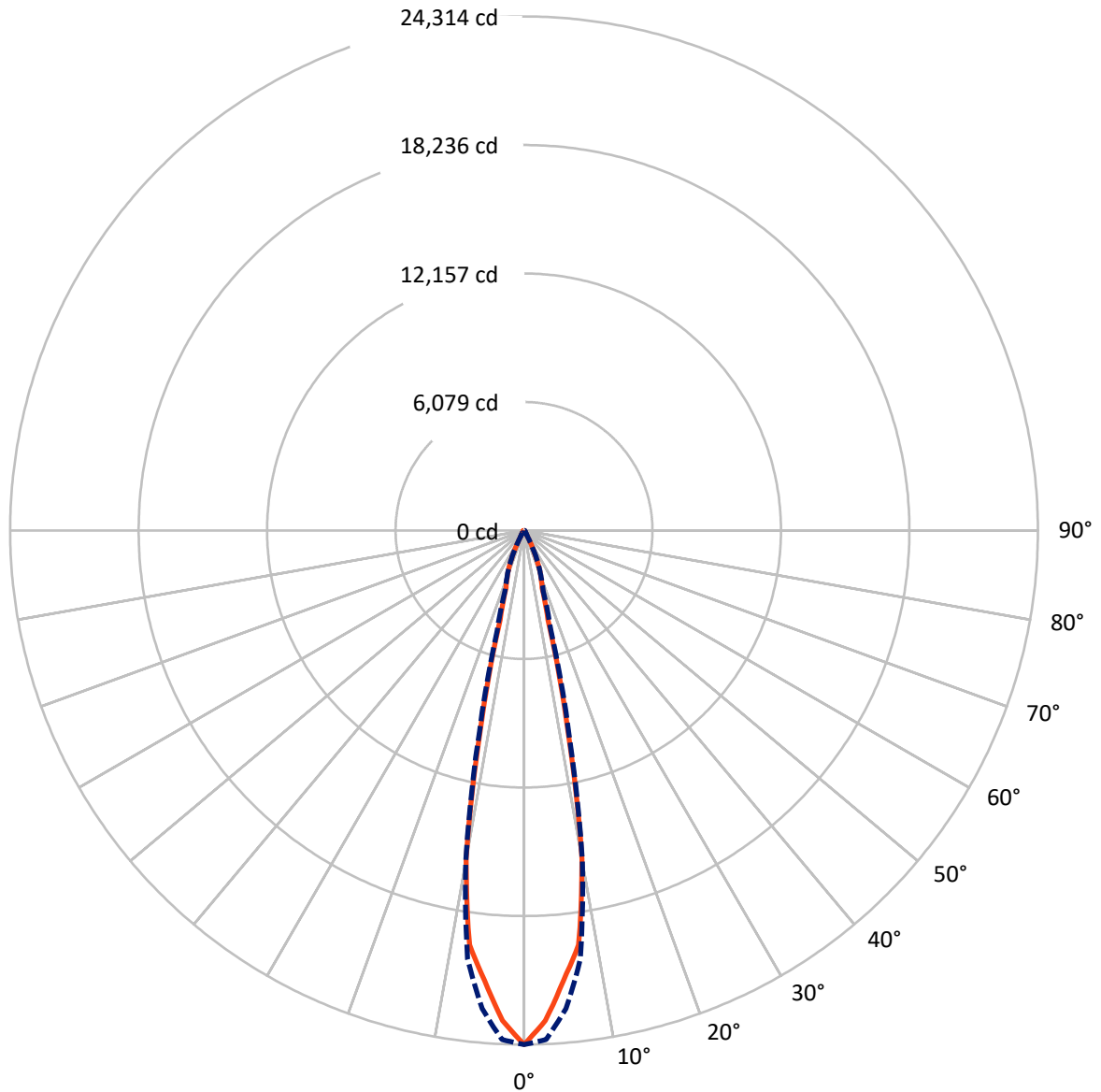
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### Lumen Table

90																
80	0.0	0.3		0.9		1.4		1.6		1.4		0.9		0.3		0.0
70																
60	0.1	0.2	0.3	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.3	0.2	0.1
50		0.3	0.5	0.8	1.1	1.3	1.4	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.3	
40	0.3	0.3	0.7	1.0	1.3	1.5	1.8	1.9	1.9	1.8	1.5	1.3	1.0	0.7	0.3	0.3
30		0.4	0.8	1.1	1.5	2.1	3.3	4.6	4.6	3.3	2.1	1.5	1.1	0.8	0.4	
20	0.4	0.5	0.8	1.2	1.9	4.8	16.7	33.9	33.9	16.7	4.8	1.9	1.2	0.8	0.5	0.4
10		0.5	0.9	1.3	2.9	16.1	64.6	156.9	156.9	64.6	16.1	2.9	1.3	0.9	0.5	
0	0.4	0.5	0.9	1.4	4.1	32.1	159.4	567.2	567.2	159.4	32.1	4.1	1.4	0.9	0.5	0.4
-10		0.5	0.9	1.4	4.1	32.1	159.4	567.2	567.2	159.4	32.1	4.1	1.4	0.9	0.5	
-20	0.4	0.5	0.9	1.3	2.9	16.1	64.6	156.9	156.9	64.6	16.1	2.9	1.3	0.9	0.5	0.4
-30		0.5	0.8	1.2	1.9	4.8	16.7	33.9	33.9	16.7	4.8	1.9	1.2	0.8	0.5	
-40	0.3	0.4	0.8	1.1	1.5	2.1	3.3	4.6	4.6	3.3	2.1	1.5	1.1	0.8	0.4	0.3
-50		0.3	0.7	1.0	1.3	1.5	1.8	1.9	1.9	1.8	1.5	1.3	1.0	0.7	0.3	
-60	0.1	0.3	0.5	0.8	1.1	1.3	1.4	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.3	0.1
-70		0.2	0.3	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.3	0.2	
-80																
-90	0.0	0.3		0.9		1.4		1.6		1.4		0.9		0.3		0.0

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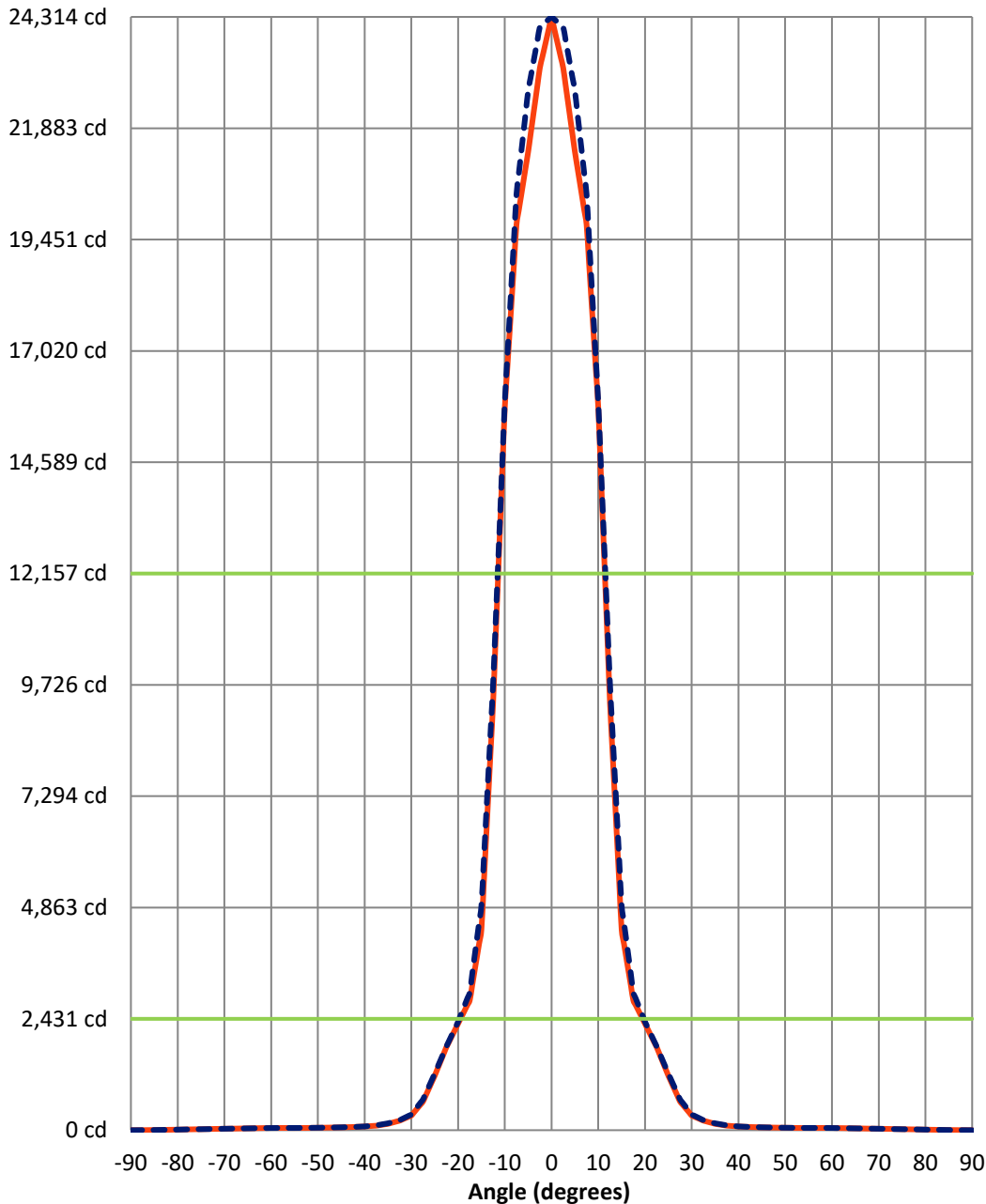
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 23°  
V Angle: 22.8°  
Lumens: 2377.8  
Efficiency: 53.7%

**Field:**  
H Angle: 39.5°  
V Angle: 39°  
Lumens: 3617.6  
Efficiency: 81.7%

**Spill:**  
Lumens: 812.2  
Efficiency: 18.3%

— 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	1.9	2.4	2.8	3.2
77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.2	2.7	3.3	3.8	4.5
75°	0.0	0.4	0.7	1.1	1.5	2.2	2.8	3.5	4.2	5.2	6.2
72.5°	0.0	0.4	0.8	1.3	1.9	2.7	3.5	4.4	5.6	6.7	7.9
70°	0.0	0.5	1.0	1.5	2.4	3.3	4.2	5.6	6.9	8.2	9.5
67.5°	0.0	0.5	1.1	1.8	2.8	3.8	5.2	6.7	8.2	9.7	11.2
65°	0.0	0.6	1.2	2.1	3.2	4.5	6.2	7.9	9.5	11.2	12.8
62.5°	0.0	0.6	1.3	2.4	3.7	5.3	7.2	9.0	10.8	12.6	14.4
60°	0.0	0.7	1.4	2.7	4.1	6.1	8.1	10.1	12.0	14.0	15.9
57.5°	0.0	0.8	1.6	3.0	4.7	6.9	9.0	11.1	13.3	15.4	17.5
55°	0.0	0.8	1.8	3.3	5.3	7.6	9.9	12.2	14.5	16.8	19.3
52.5°	0.0	0.9	2.0	3.6	5.9	8.3	10.8	13.2	15.6	18.4	21.0
50°	0.0	0.9	2.2	3.9	6.4	9.0	11.6	14.2	16.8	20.0	22.7
47.5°	0.0	0.9	2.3	4.2	6.9	9.7	12.4	15.1	18.3	21.6	24.3
45°	0.0	1.0	2.5	4.6	7.5	10.3	13.2	16.0	19.7	22.9	25.8
42.5°	0.0	1.0	2.7	5.0	8.0	11.0	13.9	17.1	21.0	24.1	27.4
40°	0.0	1.1	2.8	5.3	8.4	11.6	14.7	18.2	22.2	25.3	29.1
37.5°	0.0	1.1	3.0	5.6	8.9	12.1	15.3	19.3	23.1	26.4	30.6
35°	0.0	1.1	3.1	6.0	9.3	12.6	16.0	20.3	24.0	27.7	31.9
32.5°	0.0	1.2	3.3	6.3	9.7	13.1	16.6	21.2	24.8	28.9	32.9
30°	0.0	1.2	3.4	6.5	10.1	13.6	17.4	22.1	25.6	30.1	33.9
27.5°	0.0	1.2	3.5	6.8	10.4	14.1	18.1	22.7	26.4	31.2	34.8
25°	0.0	1.3	3.6	7.0	10.7	14.5	18.7	23.2	27.2	32.0	35.6
22.5°	0.0	1.3	3.7	7.3	11.0	14.8	19.3	23.8	28.0	32.7	36.5
20°	0.0	1.3	3.8	7.5	11.3	15.3	19.9	24.2	28.7	33.3	37.3
17.5°	0.0	1.3	3.8	7.6	11.5	15.7	20.4	24.6	29.4	33.8	37.9
15°	0.0	1.4	3.9	7.8	11.7	16.1	20.8	25.0	29.9	34.3	38.4
12.5°	0.0	1.4	4.0	7.9	11.9	16.5	21.2	25.3	30.4	34.7	38.7
10°	0.0	1.4	4.0	8.0	12.0	16.8	21.4	25.6	30.8	35.0	39.0
7.5°	0.0	1.4	4.1	8.1	12.2	17.1	21.7	25.7	31.1	35.3	39.3
5°	0.0	1.4	4.1	8.2	12.2	17.4	21.8	25.9	31.3	35.5	39.5
2.5°	0.0	1.4	4.1	8.2	12.3	17.6	21.9	26.0	31.5	35.6	39.7
0°	0.0	1.4	4.1	8.2	12.3	17.6	21.9	26.0	31.5	35.6	39.7
-2.5°	0.0	1.4	4.1	8.2	12.3	17.6	21.9	26.0	31.5	35.6	39.7
-5°	0.0	1.4	4.1	8.2	12.2	17.4	21.8	25.9	31.3	35.5	39.5
-7.5°	0.0	1.4	4.1	8.1	12.2	17.1	21.7	25.7	31.1	35.3	39.3
-10°	0.0	1.4	4.0	8.0	12.0	16.8	21.4	25.6	30.8	35.0	39.0
-12.5°	0.0	1.4	4.0	7.9	11.9	16.5	21.2	25.3	30.4	34.7	38.7
-15°	0.0	1.4	3.9	7.8	11.7	16.1	20.8	25.0	29.9	34.3	38.4
-17.5°	0.0	1.3	3.8	7.6	11.5	15.7	20.4	24.6	29.4	33.8	37.9
-20°	0.0	1.3	3.8	7.5	11.3	15.3	19.9	24.2	28.7	33.3	37.3



REPORT NUMBER: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-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	3.7	7.3	11.0	14.8	19.3	23.8	28.0	32.7	36.5
-25°	0.0	1.3	3.6	7.0	10.7	14.5	18.7	23.2	27.2	32.0	35.6
-27.5°	0.0	1.2	3.5	6.8	10.4	14.1	18.1	22.7	26.4	31.2	34.8
-30°	0.0	1.2	3.4	6.5	10.1	13.6	17.4	22.1	25.6	30.1	33.9
-32.5°	0.0	1.2	3.3	6.3	9.7	13.1	16.6	21.2	24.8	28.9	32.9
-35°	0.0	1.1	3.1	6.0	9.3	12.6	16.0	20.3	24.0	27.7	31.9
-37.5°	0.0	1.1	3.0	5.6	8.9	12.1	15.3	19.3	23.1	26.4	30.6
-40°	0.0	1.1	2.8	5.3	8.4	11.6	14.7	18.2	22.2	25.3	29.1
-42.5°	0.0	1.0	2.7	5.0	8.0	11.0	13.9	17.1	21.0	24.1	27.4
-45°	0.0	1.0	2.5	4.6	7.5	10.3	13.2	16.0	19.7	22.9	25.8
-47.5°	0.0	0.9	2.3	4.2	6.9	9.7	12.4	15.1	18.3	21.6	24.3
-50°	0.0	0.9	2.2	3.9	6.4	9.0	11.6	14.2	16.8	20.0	22.7
-52.5°	0.0	0.9	2.0	3.6	5.9	8.3	10.8	13.2	15.6	18.4	21.0
-55°	0.0	0.8	1.8	3.3	5.3	7.6	9.9	12.2	14.5	16.8	19.3
-57.5°	0.0	0.8	1.6	3.0	4.7	6.9	9.0	11.1	13.3	15.4	17.5
-60°	0.0	0.7	1.4	2.7	4.1	6.1	8.1	10.1	12.0	14.0	15.9
-62.5°	0.0	0.6	1.3	2.4	3.7	5.3	7.2	9.0	10.8	12.6	14.4
-65°	0.0	0.6	1.2	2.1	3.2	4.5	6.2	7.9	9.5	11.2	12.8
-67.5°	0.0	0.5	1.1	1.8	2.8	3.8	5.2	6.7	8.2	9.7	11.2
-70°	0.0	0.5	1.0	1.5	2.4	3.3	4.2	5.6	6.9	8.2	9.5
-72.5°	0.0	0.4	0.8	1.3	1.9	2.7	3.5	4.4	5.6	6.7	7.9
-75°	0.0	0.4	0.7	1.1	1.5	2.2	2.8	3.5	4.2	5.2	6.2
-77.5°	0.0	0.3	0.6	0.9	1.2	1.6	2.2	2.7	3.3	3.8	4.5
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.9	2.4	2.8	3.2
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	1.8	2.1
-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-SA4B-AMB-U-NR-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	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0
82.5°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.6	5.0	5.3	5.6
80°	3.7	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.4	8.9
77.5°	5.3	6.1	6.9	7.6	8.3	9.0	9.7	10.3	11.0	11.6	12.1
75°	7.2	8.1	9.0	9.9	10.8	11.6	12.4	13.2	13.9	14.7	15.3
72.5°	9.0	10.1	11.1	12.2	13.2	14.2	15.1	16.0	17.1	18.2	19.3
70°	10.8	12.0	13.3	14.5	15.6	16.8	18.3	19.7	21.0	22.2	23.1
67.5°	12.6	14.0	15.4	16.8	18.5	20.2	21.9	23.0	24.2	25.3	26.4
65°	14.4	15.9	17.6	19.5	21.7	23.2	24.5	25.8	27.4	29.1	30.6
62.5°	16.1	17.9	19.9	22.1	24.0	25.6	27.5	29.4	31.3	32.7	33.9
60°	17.8	19.8	22.2	24.5	26.5	28.7	30.9	32.7	34.2	35.6	37.2
57.5°	19.6	21.9	24.5	27.0	29.5	31.8	33.6	35.3	37.0	38.6	40.4
55°	21.5	24.2	27.0	29.8	32.2	34.2	36.1	37.9	39.7	41.4	43.1
52.5°	23.6	26.5	29.5	32.2	34.4	36.5	38.5	40.5	42.4	44.1	45.3
50°	25.5	28.7	31.8	34.2	36.5	38.7	40.9	43.0	44.7	46.0	46.9
47.5°	27.5	30.9	33.6	36.1	38.5	40.9	43.2	44.9	46.4	47.2	47.8
45°	29.4	32.7	35.3	37.9	40.5	43.0	44.9	46.5	47.3	48.1	48.8
42.5°	31.3	34.2	37.0	39.7	42.4	44.7	46.4	47.4	48.1	49.0	50.2
40°	32.7	35.6	38.8	41.5	44.1	46.0	47.4	48.4	49.0	50.3	51.9
37.5°	33.9	37.3	40.6	43.4	45.3	47.2	48.6	49.3	50.3	51.9	54.2
35°	35.1	38.9	42.2	44.8	46.6	48.4	49.5	50.4	52.0	54.3	56.8
32.5°	36.5	40.6	43.7	46.0	47.7	49.5	50.3	52.0	54.2	56.8	59.4
30°	37.9	42.0	45.1	47.1	48.7	49.8	51.4	53.6	56.5	58.9	61.7
27.5°	39.1	43.2	46.0	47.9	49.3	50.0	52.1	55.5	58.2	60.7	63.9
25°	40.1	44.1	47.0	48.5	49.5	50.4	52.7	56.7	59.5	62.6	67.5
22.5°	40.9	44.9	47.6	49.0	49.4	50.6	53.6	57.2	60.3	64.4	71.3
20°	41.6	45.3	48.1	49.3	49.3	50.7	54.4	57.6	61.5	67.3	75.1
17.5°	42.1	45.8	48.4	49.3	49.6	51.1	54.9	57.9	62.7	69.9	78.7
15°	42.5	46.3	48.6	49.3	49.8	51.9	55.4	58.8	64.4	72.4	82.3
12.5°	42.8	46.7	48.8	49.3	50.1	52.5	55.9	60.0	66.2	75.0	89.2
10°	43.1	47.1	49.0	49.3	50.3	52.9	56.4	61.0	67.7	77.4	95.3
7.5°	43.4	47.4	49.1	49.3	50.4	53.1	56.8	61.8	68.6	79.4	100.6
5°	43.6	47.7	49.2	49.3	50.5	53.2	57.2	62.4	69.2	80.8	104.8
2.5°	43.8	47.8	49.3	49.3	50.6	53.3	57.4	62.8	69.6	81.8	106.4
0°	43.8	47.9	49.3	49.3	50.6	53.4	57.5	62.9	69.8	82.1	105.4
-2.5°	43.8	47.8	49.3	49.3	50.6	53.3	57.4	62.8	69.6	81.8	106.4
-5°	43.6	47.7	49.2	49.3	50.5	53.2	57.2	62.4	69.2	80.8	104.8
-7.5°	43.4	47.4	49.1	49.3	50.4	53.1	56.8	61.8	68.6	79.4	100.6
-10°	43.1	47.1	49.0	49.3	50.3	52.9	56.4	61.0	67.7	77.4	95.3
-12.5°	42.8	46.7	48.8	49.3	50.1	52.5	55.9	60.0	66.2	75.0	89.2
-15°	42.5	46.3	48.6	49.3	49.8	51.9	55.4	58.8	64.4	72.4	82.3
-17.5°	42.1	45.8	48.4	49.3	49.6	51.1	54.9	57.9	62.7	69.9	78.7
-20°	41.6	45.3	48.1	49.3	49.3	50.7	54.4	57.6	61.5	67.3	75.1



REPORT NUMBER: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	40.9	44.9	47.6	49.0	49.4	50.6	53.6	57.2	60.3	64.4	71.3
-25°	40.1	44.1	47.0	48.5	49.5	50.4	52.7	56.7	59.5	62.6	67.5
-27.5°	39.1	43.2	46.0	47.9	49.3	50.0	52.1	55.5	58.2	60.7	63.9
-30°	37.9	42.0	45.1	47.1	48.7	49.8	51.4	53.6	56.5	58.9	61.7
-32.5°	36.5	40.6	43.7	46.0	47.7	49.5	50.3	52.0	54.2	56.8	59.4
-35°	35.1	38.9	42.2	44.8	46.6	48.4	49.5	50.4	52.0	54.3	56.8
-37.5°	33.9	37.3	40.6	43.4	45.3	47.2	48.6	49.3	50.3	51.9	54.2
-40°	32.7	35.6	38.8	41.5	44.1	46.0	47.4	48.4	49.0	50.3	51.9
-42.5°	31.3	34.2	37.0	39.7	42.4	44.7	46.4	47.4	48.1	49.0	50.2
-45°	29.4	32.7	35.3	37.9	40.5	43.0	44.9	46.5	47.3	48.1	48.8
-47.5°	27.5	30.9	33.6	36.1	38.5	40.9	43.2	44.9	46.4	47.2	47.8
-50°	25.5	28.7	31.8	34.2	36.5	38.7	40.9	43.0	44.7	46.0	46.9
-52.5°	23.6	26.5	29.5	32.2	34.4	36.5	38.5	40.5	42.4	44.1	45.3
-55°	21.5	24.2	27.0	29.8	32.2	34.2	36.1	37.9	39.7	41.4	43.1
-57.5°	19.6	21.9	24.5	27.0	29.5	31.8	33.6	35.3	37.0	38.6	40.4
-60°	17.8	19.8	22.2	24.5	26.5	28.7	30.9	32.7	34.2	35.6	37.2
-62.5°	16.1	17.9	19.9	22.1	24.0	25.6	27.5	29.4	31.3	32.7	33.9
-65°	14.4	15.9	17.6	19.5	21.7	23.2	24.5	25.8	27.4	29.1	30.6
-67.5°	12.6	14.0	15.4	16.8	18.5	20.2	21.9	23.0	24.2	25.3	26.4
-70°	10.8	12.0	13.3	14.5	15.6	16.8	18.3	19.7	21.0	22.2	23.1
-72.5°	9.0	10.1	11.1	12.2	13.2	14.2	15.1	16.0	17.1	18.2	19.3
-75°	7.2	8.1	9.0	9.9	10.8	11.6	12.4	13.2	13.9	14.7	15.3
-77.5°	5.3	6.1	6.9	7.6	8.3	9.0	9.7	10.3	11.0	11.6	12.1
-80°	3.7	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.4	8.9
-82.5°	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.6	5.0	5.3	5.6
-85°	1.3	1.4	1.6	1.8	2.0	2.2	2.3	2.5	2.7	2.8	3.0
-87.5°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-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: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-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°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
82.5°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
80°	9.3	9.7	10.1	10.4	10.7	11.0	11.3	11.5	11.7	11.9	12.0
77.5°	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.7	16.2	16.7
75°	16.0	16.6	17.4	18.1	18.7	19.3	19.9	20.3	20.8	21.1	21.4
72.5°	20.3	21.2	22.1	22.7	23.2	23.8	24.2	24.6	25.0	25.5	26.1
70°	24.0	24.8	25.6	26.4	27.2	28.0	28.7	29.4	29.9	30.5	30.9
67.5°	27.7	28.9	30.1	31.2	32.0	32.7	33.5	34.3	35.1	35.5	35.7
65°	31.9	32.9	33.9	34.8	35.6	36.7	37.8	38.7	39.4	39.9	40.3
62.5°	35.1	36.5	37.9	39.2	40.4	41.3	41.9	42.6	43.3	44.0	44.4
60°	38.9	40.7	41.7	42.5	43.2	43.8	44.6	45.3	45.8	46.2	47.0
57.5°	41.9	43.1	44.0	44.8	45.6	46.2	46.7	47.0	47.2	47.5	48.1
55°	44.4	45.3	46.3	46.8	47.2	47.6	48.0	48.3	48.5	48.8	48.8
52.5°	46.4	47.0	47.5	48.0	48.5	48.9	49.2	49.9	50.2	50.2	49.9
50°	47.5	48.1	48.6	49.2	50.1	51.4	52.8	53.1	53.0	52.5	52.5
47.5°	48.5	49.2	50.2	51.3	52.7	54.4	56.2	56.9	56.6	56.2	56.2
45°	49.7	51.0	52.3	53.5	55.0	57.5	59.8	61.0	60.8	60.7	61.0
42.5°	51.6	53.0	54.4	56.6	59.0	61.3	62.8	64.0	65.0	66.6	68.0
40°	53.7	55.2	58.1	60.8	62.7	64.5	67.4	69.7	71.9	74.3	76.0
37.5°	56.3	59.1	62.1	64.5	67.6	71.2	74.6	77.8	80.7	86.1	90.2
35°	59.5	62.6	66.1	69.3	73.8	79.0	84.6	92.8	99.6	110.1	120.0
32.5°	62.3	65.9	70.0	75.7	82.3	92.5	103.1	118.7	134.7	152.8	172.0
30°	65.0	70.4	76.6	84.8	96.7	112.8	132.1	158.8	188.0	217.7	255.9
27.5°	69.6	76.0	84.2	98.2	118.0	141.4	179.5	221.8	279.6	327.3	411.4
25°	74.2	81.5	97.0	118.8	147.2	189.8	253.7	326.2	446.6	600.5	768.8
22.5°	79.0	92.8	114.1	143.0	191.1	265.3	364.5	544.8	774.4	1043.5	1308.9
20°	85.2	104.2	135.7	181.9	255.4	364.5	581.1	895.5	1249.4	1605.5	1892.6
17.5°	94.9	122.5	163.2	223.9	328.3	542.3	891.2	1335.0	1759.4	2123.8	2375.8
15°	103.6	139.7	192.6	282.9	452.8	784.7	1243.3	1745.6	2194.4	2550.1	2852.7
12.5°	115.8	159.6	225.6	336.2	617.6	1073.6	1603.2	2105.8	2550.7	3060.4	3877.2
10°	128.1	181.3	268.9	430.2	805.3	1346.0	1896.3	2385.1	2897.1	3956.0	6502.9
7.5°	138.6	198.1	302.6	525.0	985.2	1559.0	2108.5	2600.6	3409.8	5769.6	10230.9
5°	146.8	209.8	325.9	602.6	1127.2	1713.3	2256.1	2788.9	4056.6	7876.9	13317.2
2.5°	151.0	216.6	339.9	666.1	1222.7	1806.7	2344.0	2938.6	4686.5	9256.8	15219.6
0°	150.5	218.9	343.4	671.8	1234.1	1827.9	2367.0	3010.0	4911.8	9757.9	15899.8
-2.5°	151.0	216.6	339.9	666.1	1222.7	1806.7	2344.0	2938.6	4686.5	9256.8	15219.6
-5°	146.8	209.8	325.9	602.6	1127.2	1713.3	2256.1	2788.9	4056.6	7876.9	13317.2
-7.5°	138.6	198.1	302.6	525.0	985.2	1559.0	2108.5	2600.6	3409.8	5769.6	10230.9
-10°	128.1	181.3	268.9	430.2	805.3	1346.0	1896.3	2385.1	2897.1	3956.0	6502.9
-12.5°	115.8	159.6	225.6	336.2	617.6	1073.6	1603.2	2105.8	2550.7	3060.4	3877.2
-15°	103.6	139.7	192.6	282.9	452.8	784.7	1243.3	1745.6	2194.4	2550.1	2852.7
-17.5°	94.9	122.5	163.2	223.9	328.3	542.3	891.2	1335.0	1759.4	2123.8	2375.8
-20°	85.2	104.2	135.7	181.9	255.4	364.5	581.1	895.5	1249.4	1605.5	1892.6



REPORT NUMBER: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	79.0	92.8	114.1	143.0	191.1	265.3	364.5	544.8	774.4	1043.5	1308.9
-25°	74.2	81.5	97.0	118.8	147.2	189.8	253.7	326.2	446.6	600.5	768.8
-27.5°	69.6	76.0	84.2	98.2	118.0	141.4	179.5	221.8	279.6	327.3	411.4
-30°	65.0	70.4	76.6	84.8	96.7	112.8	132.1	158.8	188.0	217.7	255.9
-32.5°	62.3	65.9	70.0	75.7	82.3	92.5	103.1	118.7	134.7	152.8	172.0
-35°	59.5	62.6	66.1	69.3	73.8	79.0	84.6	92.8	99.6	110.1	120.0
-37.5°	56.3	59.1	62.1	64.5	67.6	71.2	74.6	77.8	80.7	86.1	90.2
-40°	53.7	55.2	58.1	60.8	62.7	64.5	67.4	69.7	71.9	74.3	76.0
-42.5°	51.6	53.0	54.4	56.6	59.0	61.3	62.8	64.0	65.0	66.6	68.0
-45°	49.7	51.0	52.3	53.5	55.0	57.5	59.8	61.0	60.8	60.7	61.0
-47.5°	48.5	49.2	50.2	51.3	52.7	54.4	56.2	56.9	56.6	56.2	56.2
-50°	47.5	48.1	48.6	49.2	50.1	51.4	52.8	53.1	53.0	52.5	52.5
-52.5°	46.4	47.0	47.5	48.0	48.5	48.9	49.2	49.9	50.2	50.2	49.9
-55°	44.4	45.3	46.3	46.8	47.2	47.6	48.0	48.3	48.5	48.8	48.8
-57.5°	41.9	43.1	44.0	44.8	45.6	46.2	46.7	47.0	47.2	47.5	48.1
-60°	38.9	40.7	41.7	42.5	43.2	43.8	44.6	45.3	45.8	46.2	47.0
-62.5°	35.1	36.5	37.9	39.2	40.4	41.3	41.9	42.6	43.3	44.0	44.4
-65°	31.9	32.9	33.9	34.8	35.6	36.7	37.8	38.7	39.4	39.9	40.3
-67.5°	27.7	28.9	30.1	31.2	32.0	32.7	33.5	34.3	35.1	35.5	35.7
-70°	24.0	24.8	25.6	26.4	27.2	28.0	28.7	29.4	29.9	30.5	30.9
-72.5°	20.3	21.2	22.1	22.7	23.2	23.8	24.2	24.6	25.0	25.5	26.1
-75°	16.0	16.6	17.4	18.1	18.7	19.3	19.9	20.3	20.8	21.1	21.4
-77.5°	12.6	13.1	13.6	14.1	14.5	14.8	15.1	15.4	15.7	16.2	16.7
-80°	9.3	9.7	10.1	10.4	10.7	11.0	11.3	11.5	11.7	11.9	12.0
-82.5°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
-85°	3.1	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-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°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.8
82.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
80°	12.2	12.2	12.3	12.3	12.3	12.2	12.2	12.0	11.9	11.7	11.5
77.5°	17.2	17.7	17.8	17.8	17.8	17.7	17.2	16.7	16.2	15.7	15.4
75°	21.7	21.8	21.9	21.9	21.9	21.8	21.7	21.4	21.1	20.8	20.3
72.5°	26.7	27.2	27.4	27.4	27.4	27.2	26.7	26.1	25.5	25.0	24.6
70°	31.2	31.4	31.5	31.5	31.5	31.4	31.2	30.9	30.5	29.9	29.4
67.5°	35.6	35.5	35.6	35.6	35.6	35.5	35.6	35.7	35.5	35.1	34.3
65°	40.5	40.8	40.9	41.0	40.9	40.8	40.5	40.3	39.9	39.4	38.7
62.5°	44.8	45.0	45.2	45.2	45.2	45.0	44.8	44.4	44.0	43.3	42.6
60°	47.9	48.9	49.2	49.3	49.2	48.9	47.9	47.0	46.2	45.8	45.3
57.5°	48.7	49.2	49.3	49.3	49.3	49.2	48.7	48.1	47.5	47.2	47.0
55°	48.5	48.1	47.9	47.9	47.9	48.1	48.5	48.8	48.8	48.5	48.3
52.5°	49.7	49.4	49.3	49.3	49.3	49.4	49.7	49.9	50.2	50.2	49.9
50°	52.8	53.1	53.3	53.4	53.3	53.1	52.8	52.5	52.5	53.0	53.1
47.5°	56.8	57.2	57.4	57.5	57.4	57.2	56.8	56.2	56.2	56.6	56.9
45°	61.8	62.4	62.8	62.9	62.8	62.4	61.8	61.0	60.7	60.8	61.0
42.5°	68.9	69.4	69.6	69.8	69.6	69.4	68.9	68.0	66.6	65.0	64.0
40°	77.7	79.3	80.4	80.7	80.4	79.3	77.7	76.0	74.3	71.9	69.7
37.5°	94.0	97.3	99.1	98.5	99.1	97.3	94.0	90.2	86.1	80.7	77.8
35°	128.1	133.8	137.0	138.2	137.0	133.8	128.1	120.0	110.1	99.6	92.8
32.5°	187.9	199.0	205.6	208.0	205.6	199.0	187.9	172.0	152.8	134.7	118.7
30°	284.7	302.8	312.0	318.8	312.0	302.8	284.7	255.9	217.7	188.0	158.8
27.5°	494.4	561.3	612.8	624.6	612.8	561.3	494.4	411.4	327.3	279.6	221.8
25°	936.0	1074.3	1150.5	1189.0	1150.5	1074.3	936.0	768.8	600.5	446.6	326.2
22.5°	1538.1	1697.2	1777.1	1812.2	1777.1	1697.2	1538.1	1308.9	1043.5	774.4	544.8
20°	2100.3	2235.9	2303.2	2325.9	2303.2	2235.9	2100.3	1892.6	1605.5	1249.4	895.5
17.5°	2552.3	2683.3	2794.0	2836.3	2794.0	2683.3	2552.3	2375.8	2123.8	1759.4	1335.0
15°	3256.6	3752.5	4205.3	4379.6	4205.3	3752.5	3256.6	2852.7	2550.1	2194.4	1745.6
12.5°	5463.7	7360.0	8857.1	9340.0	8857.1	7360.0	5463.7	3877.2	3060.4	2550.7	2105.8
10°	10098.0	13017.8	15038.3	15783.5	15038.3	13017.8	10098.0	6502.9	3956.0	2897.1	2385.1
7.5°	14627.2	17626.1	19412.5	19773.2	19412.5	17626.1	14627.2	10230.9	5769.6	3409.8	2600.6
5°	17776.7	21258.6	21803.0	21368.5	21803.0	21258.6	17776.7	13317.2	7876.9	4056.6	2788.9
2.5°	20010.8	23037.8	23845.9	23199.1	23845.9	23037.8	20010.8	15219.6	9256.8	4686.5	2938.6
0°	20443.5	22698.3	24093.9	24314.2	24093.9	22698.3	20443.5	15899.8	9757.9	4911.8	3010.0
-2.5°	20010.8	23037.8	23845.9	23199.1	23845.9	23037.8	20010.8	15219.6	9256.8	4686.5	2938.6
-5°	17776.7	21258.6	21803.0	21368.5	21803.0	21258.6	17776.7	13317.2	7876.9	4056.6	2788.9
-7.5°	14627.2	17626.1	19412.5	19773.2	19412.5	17626.1	14627.2	10230.9	5769.6	3409.8	2600.6
-10°	10098.0	13017.8	15038.3	15783.5	15038.3	13017.8	10098.0	6502.9	3956.0	2897.1	2385.1
-12.5°	5463.7	7360.0	8857.1	9340.0	8857.1	7360.0	5463.7	3877.2	3060.4	2550.7	2105.8
-15°	3256.6	3752.5	4205.3	4379.6	4205.3	3752.5	3256.6	2852.7	2550.1	2194.4	1745.6
-17.5°	2552.3	2683.3	2794.0	2836.3	2794.0	2683.3	2552.3	2375.8	2123.8	1759.4	1335.0
-20°	2100.3	2235.9	2303.2	2325.9	2303.2	2235.9	2100.3	1892.6	1605.5	1249.4	895.5



REPORT NUMBER: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1538.1	1697.2	1777.1	1812.2	1777.1	1697.2	1538.1	1308.9	1043.5	774.4	544.8
-25°	936.0	1074.3	1150.5	1189.0	1150.5	1074.3	936.0	768.8	600.5	446.6	326.2
-27.5°	494.4	561.3	612.8	624.6	612.8	561.3	494.4	411.4	327.3	279.6	221.8
-30°	284.7	302.8	312.0	318.8	312.0	302.8	284.7	255.9	217.7	188.0	158.8
-32.5°	187.9	199.0	205.6	208.0	205.6	199.0	187.9	172.0	152.8	134.7	118.7
-35°	128.1	133.8	137.0	138.2	137.0	133.8	128.1	120.0	110.1	99.6	92.8
-37.5°	94.0	97.3	99.1	98.5	99.1	97.3	94.0	90.2	86.1	80.7	77.8
-40°	77.7	79.3	80.4	80.7	80.4	79.3	77.7	76.0	74.3	71.9	69.7
-42.5°	68.9	69.4	69.6	69.8	69.6	69.4	68.9	68.0	66.6	65.0	64.0
-45°	61.8	62.4	62.8	62.9	62.8	62.4	61.8	61.0	60.7	60.8	61.0
-47.5°	56.8	57.2	57.4	57.5	57.4	57.2	56.8	56.2	56.2	56.6	56.9
-50°	52.8	53.1	53.3	53.4	53.3	53.1	52.8	52.5	52.5	53.0	53.1
-52.5°	49.7	49.4	49.3	49.3	49.3	49.4	49.7	49.9	50.2	50.2	49.9
-55°	48.5	48.1	47.9	47.9	47.9	48.1	48.5	48.8	48.8	48.5	48.3
-57.5°	48.7	49.2	49.3	49.3	49.3	49.2	48.7	48.1	47.5	47.2	47.0
-60°	47.9	48.9	49.2	49.3	49.2	48.9	47.9	47.0	46.2	45.8	45.3
-62.5°	44.8	45.0	45.2	45.2	45.2	45.0	44.8	44.4	44.0	43.3	42.6
-65°	40.5	40.8	40.9	41.0	40.9	40.8	40.5	40.3	39.9	39.4	38.7
-67.5°	35.6	35.5	35.6	35.6	35.6	35.5	35.6	35.7	35.5	35.1	34.3
-70°	31.2	31.4	31.5	31.5	31.5	31.4	31.2	30.9	30.5	29.9	29.4
-72.5°	26.7	27.2	27.4	27.4	27.4	27.2	26.7	26.1	25.5	25.0	24.6
-75°	21.7	21.8	21.9	21.9	21.9	21.8	21.7	21.4	21.1	20.8	20.3
-77.5°	17.2	17.7	17.8	17.8	17.8	17.7	17.2	16.7	16.2	15.7	15.4
-80°	12.2	12.2	12.3	12.3	12.3	12.2	12.2	12.0	11.9	11.7	11.5
-82.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
-85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.8
-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: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5
82.5°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.6
80°	11.3	11.0	10.7	10.4	10.1	9.7	9.3	8.9	8.4	8.0	7.5
77.5°	15.1	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.6	11.0	10.3
75°	19.9	19.3	18.7	18.1	17.4	16.6	16.0	15.3	14.7	13.9	13.2
72.5°	24.2	23.8	23.2	22.7	22.1	21.2	20.3	19.3	18.2	17.1	16.0
70°	28.7	28.0	27.2	26.4	25.6	24.8	24.0	23.1	22.2	21.0	19.7
67.5°	33.5	32.7	32.0	31.2	30.1	28.9	27.7	26.4	25.3	24.2	23.0
65°	37.8	36.7	35.6	34.8	33.9	32.9	31.9	30.6	29.1	27.4	25.8
62.5°	41.9	41.3	40.4	39.2	37.9	36.5	35.1	33.9	32.7	31.3	29.4
60°	44.6	43.8	43.2	42.5	41.7	40.7	38.9	37.2	35.6	34.2	32.7
57.5°	46.7	46.2	45.6	44.8	44.0	43.1	41.9	40.4	38.6	37.0	35.3
55°	48.0	47.6	47.2	46.8	46.3	45.3	44.4	43.1	41.4	39.7	37.9
52.5°	49.2	48.9	48.5	48.0	47.5	47.0	46.4	45.3	44.1	42.4	40.5
50°	52.8	51.4	50.1	49.2	48.6	48.1	47.5	46.9	46.0	44.7	43.0
47.5°	56.2	54.4	52.7	51.3	50.2	49.2	48.5	47.8	47.2	46.4	44.9
45°	59.8	57.5	55.0	53.5	52.3	51.0	49.7	48.8	48.1	47.3	46.5
42.5°	62.8	61.3	59.0	56.6	54.4	53.0	51.6	50.2	49.0	48.1	47.4
40°	67.4	64.5	62.7	60.8	58.1	55.2	53.7	51.9	50.3	49.0	48.4
37.5°	74.6	71.2	67.6	64.5	62.1	59.1	56.3	54.2	51.9	50.3	49.3
35°	84.6	79.0	73.8	69.3	66.1	62.6	59.5	56.8	54.3	52.0	50.4
32.5°	103.1	92.5	82.3	75.7	70.0	65.9	62.3	59.4	56.8	54.2	52.0
30°	132.1	112.8	96.7	84.8	76.6	70.4	65.0	61.7	58.9	56.5	53.6
27.5°	179.5	141.4	118.0	98.2	84.2	76.0	69.6	63.9	60.7	58.2	55.5
25°	253.7	189.8	147.2	118.8	97.0	81.5	74.2	67.5	62.6	59.5	56.7
22.5°	364.5	265.3	191.1	143.0	114.1	92.8	79.0	71.3	64.4	60.3	57.2
20°	581.1	364.5	255.4	181.9	135.7	104.2	85.2	75.1	67.3	61.5	57.6
17.5°	891.2	542.3	328.3	223.9	163.2	122.5	94.9	78.7	69.9	62.7	57.9
15°	1243.3	784.7	452.8	282.9	192.6	139.7	103.6	82.3	72.4	64.4	58.8
12.5°	1603.2	1073.6	617.6	336.2	225.6	159.6	115.8	89.2	75.0	66.2	60.0
10°	1896.3	1346.0	805.3	430.2	268.9	181.3	128.1	95.3	77.4	67.7	61.0
7.5°	2108.5	1559.0	985.2	525.0	302.6	198.1	138.6	100.6	79.4	68.6	61.8
5°	2256.1	1713.3	1127.2	602.6	325.9	209.8	146.8	104.8	80.8	69.2	62.4
2.5°	2344.0	1806.7	1222.7	666.1	339.9	216.6	151.0	106.4	81.8	69.6	62.8
0°	2367.0	1827.9	1234.1	671.8	343.4	218.9	150.5	105.4	82.1	69.8	62.9
-2.5°	2344.0	1806.7	1222.7	666.1	339.9	216.6	151.0	106.4	81.8	69.6	62.8
-5°	2256.1	1713.3	1127.2	602.6	325.9	209.8	146.8	104.8	80.8	69.2	62.4
-7.5°	2108.5	1559.0	985.2	525.0	302.6	198.1	138.6	100.6	79.4	68.6	61.8
-10°	1896.3	1346.0	805.3	430.2	268.9	181.3	128.1	95.3	77.4	67.7	61.0
-12.5°	1603.2	1073.6	617.6	336.2	225.6	159.6	115.8	89.2	75.0	66.2	60.0
-15°	1243.3	784.7	452.8	282.9	192.6	139.7	103.6	82.3	72.4	64.4	58.8
-17.5°	891.2	542.3	328.3	223.9	163.2	122.5	94.9	78.7	69.9	62.7	57.9
-20°	581.1	364.5	255.4	181.9	135.7	104.2	85.2	75.1	67.3	61.5	57.6



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	364.5	265.3	191.1	143.0	114.1	92.8	79.0	71.3	64.4	60.3	57.2
-25°	253.7	189.8	147.2	118.8	97.0	81.5	74.2	67.5	62.6	59.5	56.7
-27.5°	179.5	141.4	118.0	98.2	84.2	76.0	69.6	63.9	60.7	58.2	55.5
-30°	132.1	112.8	96.7	84.8	76.6	70.4	65.0	61.7	58.9	56.5	53.6
-32.5°	103.1	92.5	82.3	75.7	70.0	65.9	62.3	59.4	56.8	54.2	52.0
-35°	84.6	79.0	73.8	69.3	66.1	62.6	59.5	56.8	54.3	52.0	50.4
-37.5°	74.6	71.2	67.6	64.5	62.1	59.1	56.3	54.2	51.9	50.3	49.3
-40°	67.4	64.5	62.7	60.8	58.1	55.2	53.7	51.9	50.3	49.0	48.4
-42.5°	62.8	61.3	59.0	56.6	54.4	53.0	51.6	50.2	49.0	48.1	47.4
-45°	59.8	57.5	55.0	53.5	52.3	51.0	49.7	48.8	48.1	47.3	46.5
-47.5°	56.2	54.4	52.7	51.3	50.2	49.2	48.5	47.8	47.2	46.4	44.9
-50°	52.8	51.4	50.1	49.2	48.6	48.1	47.5	46.9	46.0	44.7	43.0
-52.5°	49.2	48.9	48.5	48.0	47.5	47.0	46.4	45.3	44.1	42.4	40.5
-55°	48.0	47.6	47.2	46.8	46.3	45.3	44.4	43.1	41.4	39.7	37.9
-57.5°	46.7	46.2	45.6	44.8	44.0	43.1	41.9	40.4	38.6	37.0	35.3
-60°	44.6	43.8	43.2	42.5	41.7	40.7	38.9	37.2	35.6	34.2	32.7
-62.5°	41.9	41.3	40.4	39.2	37.9	36.5	35.1	33.9	32.7	31.3	29.4
-65°	37.8	36.7	35.6	34.8	33.9	32.9	31.9	30.6	29.1	27.4	25.8
-67.5°	33.5	32.7	32.0	31.2	30.1	28.9	27.7	26.4	25.3	24.2	23.0
-70°	28.7	28.0	27.2	26.4	25.6	24.8	24.0	23.1	22.2	21.0	19.7
-72.5°	24.2	23.8	23.2	22.7	22.1	21.2	20.3	19.3	18.2	17.1	16.0
-75°	19.9	19.3	18.7	18.1	17.4	16.6	16.0	15.3	14.7	13.9	13.2
-77.5°	15.1	14.8	14.5	14.1	13.6	13.1	12.6	12.1	11.6	11.0	10.3
-80°	11.3	11.0	10.7	10.4	10.1	9.7	9.3	8.9	8.4	8.0	7.5
-82.5°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.6
-85°	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.7	2.5
-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





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**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°	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.2	1.1	1.0	0.8
82.5°	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.3
80°	6.9	6.4	5.9	5.3	4.7	4.1	3.7	3.2	2.8	2.4	1.9
77.5°	9.7	9.0	8.3	7.6	6.9	6.1	5.3	4.5	3.8	3.3	2.7
75°	12.4	11.6	10.8	9.9	9.0	8.1	7.2	6.2	5.2	4.2	3.5
72.5°	15.1	14.2	13.2	12.2	11.1	10.1	9.0	7.9	6.7	5.6	4.4
70°	18.3	16.8	15.6	14.5	13.3	12.0	10.8	9.5	8.2	6.9	5.6
67.5°	21.9	20.2	18.5	16.8	15.4	14.0	12.6	11.2	9.7	8.2	6.7
65°	24.5	23.2	21.7	19.5	17.6	15.9	14.4	12.8	11.2	9.5	7.9
62.5°	27.5	25.6	24.0	22.1	19.9	17.9	16.1	14.4	12.6	10.8	9.0
60°	30.9	28.7	26.5	24.5	22.2	19.8	17.8	15.9	14.0	12.0	10.1
57.5°	33.6	31.8	29.5	27.0	24.5	21.9	19.6	17.5	15.4	13.3	11.1
55°	36.1	34.2	32.2	29.8	27.0	24.2	21.5	19.3	16.8	14.5	12.2
52.5°	38.5	36.5	34.4	32.2	29.5	26.5	23.6	21.0	18.4	15.6	13.2
50°	40.9	38.7	36.5	34.2	31.8	28.7	25.5	22.7	20.0	16.8	14.2
47.5°	43.2	40.9	38.5	36.1	33.6	30.9	27.5	24.3	21.6	18.3	15.1
45°	44.9	43.0	40.5	37.9	35.3	32.7	29.4	25.8	22.9	19.7	16.0
42.5°	46.4	44.7	42.4	39.7	37.0	34.2	31.3	27.4	24.1	21.0	17.1
40°	47.4	46.0	44.1	41.5	38.8	35.6	32.7	29.1	25.3	22.2	18.2
37.5°	48.6	47.2	45.3	43.4	40.6	37.3	33.9	30.6	26.4	23.1	19.3
35°	49.5	48.4	46.6	44.8	42.2	38.9	35.1	31.9	27.7	24.0	20.3
32.5°	50.3	49.5	47.7	46.0	43.7	40.6	36.5	32.9	28.9	24.8	21.2
30°	51.4	49.8	48.7	47.1	45.1	42.0	37.9	33.9	30.1	25.6	22.1
27.5°	52.1	50.0	49.3	47.9	46.0	43.2	39.1	34.8	31.2	26.4	22.7
25°	52.7	50.4	49.5	48.5	47.0	44.1	40.1	35.6	32.0	27.2	23.2
22.5°	53.6	50.6	49.4	49.0	47.6	44.9	40.9	36.5	32.7	28.0	23.8
20°	54.4	50.7	49.3	49.3	48.1	45.3	41.6	37.3	33.3	28.7	24.2
17.5°	54.9	51.1	49.6	49.3	48.4	45.8	42.1	37.9	33.8	29.4	24.6
15°	55.4	51.9	49.8	49.3	48.6	46.3	42.5	38.4	34.3	29.9	25.0
12.5°	55.9	52.5	50.1	49.3	48.8	46.7	42.8	38.7	34.7	30.4	25.3
10°	56.4	52.9	50.3	49.3	49.0	47.1	43.1	39.0	35.0	30.8	25.6
7.5°	56.8	53.1	50.4	49.3	49.1	47.4	43.4	39.3	35.3	31.1	25.7
5°	57.2	53.2	50.5	49.3	49.2	47.7	43.6	39.5	35.5	31.3	25.9
2.5°	57.4	53.3	50.6	49.3	49.3	47.8	43.8	39.7	35.6	31.5	26.0
0°	57.5	53.4	50.6	49.3	49.3	47.9	43.8	39.7	35.6	31.5	26.0
-2.5°	57.4	53.3	50.6	49.3	49.3	47.8	43.8	39.7	35.6	31.5	26.0
-5°	57.2	53.2	50.5	49.3	49.2	47.7	43.6	39.5	35.5	31.3	25.9
-7.5°	56.8	53.1	50.4	49.3	49.1	47.4	43.4	39.3	35.3	31.1	25.7
-10°	56.4	52.9	50.3	49.3	49.0	47.1	43.1	39.0	35.0	30.8	25.6
-12.5°	55.9	52.5	50.1	49.3	48.8	46.7	42.8	38.7	34.7	30.4	25.3
-15°	55.4	51.9	49.8	49.3	48.6	46.3	42.5	38.4	34.3	29.9	25.0
-17.5°	54.9	51.1	49.6	49.3	48.4	45.8	42.1	37.9	33.8	29.4	24.6
-20°	54.4	50.7	49.3	49.3	48.1	45.3	41.6	37.3	33.3	28.7	24.2



REPORT NUMBER: P561391 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-AMB-U-NR-BK

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	53.6	50.6	49.4	49.0	47.6	44.9	40.9	36.5	32.7	28.0	23.8
-25°	52.7	50.4	49.5	48.5	47.0	44.1	40.1	35.6	32.0	27.2	23.2
-27.5°	52.1	50.0	49.3	47.9	46.0	43.2	39.1	34.8	31.2	26.4	22.7
-30°	51.4	49.8	48.7	47.1	45.1	42.0	37.9	33.9	30.1	25.6	22.1
-32.5°	50.3	49.5	47.7	46.0	43.7	40.6	36.5	32.9	28.9	24.8	21.2
-35°	49.5	48.4	46.6	44.8	42.2	38.9	35.1	31.9	27.7	24.0	20.3
-37.5°	48.6	47.2	45.3	43.4	40.6	37.3	33.9	30.6	26.4	23.1	19.3
-40°	47.4	46.0	44.1	41.5	38.8	35.6	32.7	29.1	25.3	22.2	18.2
-42.5°	46.4	44.7	42.4	39.7	37.0	34.2	31.3	27.4	24.1	21.0	17.1
-45°	44.9	43.0	40.5	37.9	35.3	32.7	29.4	25.8	22.9	19.7	16.0
-47.5°	43.2	40.9	38.5	36.1	33.6	30.9	27.5	24.3	21.6	18.3	15.1
-50°	40.9	38.7	36.5	34.2	31.8	28.7	25.5	22.7	20.0	16.8	14.2
-52.5°	38.5	36.5	34.4	32.2	29.5	26.5	23.6	21.0	18.4	15.6	13.2
-55°	36.1	34.2	32.2	29.8	27.0	24.2	21.5	19.3	16.8	14.5	12.2
-57.5°	33.6	31.8	29.5	27.0	24.5	21.9	19.6	17.5	15.4	13.3	11.1
-60°	30.9	28.7	26.5	24.5	22.2	19.8	17.8	15.9	14.0	12.0	10.1
-62.5°	27.5	25.6	24.0	22.1	19.9	17.9	16.1	14.4	12.6	10.8	9.0
-65°	24.5	23.2	21.7	19.5	17.6	15.9	14.4	12.8	11.2	9.5	7.9
-67.5°	21.9	20.2	18.5	16.8	15.4	14.0	12.6	11.2	9.7	8.2	6.7
-70°	18.3	16.8	15.6	14.5	13.3	12.0	10.8	9.5	8.2	6.9	5.6
-72.5°	15.1	14.2	13.2	12.2	11.1	10.1	9.0	7.9	6.7	5.6	4.4
-75°	12.4	11.6	10.8	9.9	9.0	8.1	7.2	6.2	5.2	4.2	3.5
-77.5°	9.7	9.0	8.3	7.6	6.9	6.1	5.3	4.5	3.8	3.3	2.7
-80°	6.9	6.4	5.9	5.3	4.7	4.1	3.7	3.2	2.8	2.4	1.9
-82.5°	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.3
-85°	2.3	2.2	2.0	1.8	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°	2.8	2.2	1.5	1.1	0.7	0.4	0.0
72.5°	3.5	2.7	1.9	1.3	0.8	0.4	0.0
70°	4.2	3.3	2.4	1.5	1.0	0.5	0.0
67.5°	5.2	3.8	2.8	1.8	1.1	0.5	0.0
65°	6.2	4.5	3.2	2.1	1.2	0.6	0.0
62.5°	7.2	5.3	3.7	2.4	1.3	0.6	0.0
60°	8.1	6.1	4.1	2.7	1.4	0.7	0.0
57.5°	9.0	6.9	4.7	3.0	1.6	0.8	0.0
55°	9.9	7.6	5.3	3.3	1.8	0.8	0.0
52.5°	10.8	8.3	5.9	3.6	2.0	0.9	0.0
50°	11.6	9.0	6.4	3.9	2.2	0.9	0.0
47.5°	12.4	9.7	6.9	4.2	2.3	0.9	0.0
45°	13.2	10.3	7.5	4.6	2.5	1.0	0.0
42.5°	13.9	11.0	8.0	5.0	2.7	1.0	0.0
40°	14.7	11.6	8.4	5.3	2.8	1.1	0.0
37.5°	15.3	12.1	8.9	5.6	3.0	1.1	0.0
35°	16.0	12.6	9.3	6.0	3.1	1.1	0.0
32.5°	16.6	13.1	9.7	6.3	3.3	1.2	0.0
30°	17.4	13.6	10.1	6.5	3.4	1.2	0.0
27.5°	18.1	14.1	10.4	6.8	3.5	1.2	0.0
25°	18.7	14.5	10.7	7.0	3.6	1.3	0.0
22.5°	19.3	14.8	11.0	7.3	3.7	1.3	0.0
20°	19.9	15.3	11.3	7.5	3.8	1.3	0.0
17.5°	20.4	15.7	11.5	7.6	3.8	1.3	0.0
15°	20.8	16.1	11.7	7.8	3.9	1.4	0.0
12.5°	21.2	16.5	11.9	7.9	4.0	1.4	0.0
10°	21.4	16.8	12.0	8.0	4.0	1.4	0.0
7.5°	21.7	17.1	12.2	8.1	4.1	1.4	0.0
5°	21.8	17.4	12.2	8.2	4.1	1.4	0.0
2.5°	21.9	17.6	12.3	8.2	4.1	1.4	0.0
0°	21.9	17.8	12.3	8.2	4.1	1.4	0.0
-2.5°	21.9	17.6	12.3	8.2	4.1	1.4	0.0
-5°	21.8	17.4	12.2	8.2	4.1	1.4	0.0
-7.5°	21.7	17.1	12.2	8.1	4.1	1.4	0.0
-10°	21.4	16.8	12.0	8.0	4.0	1.4	0.0
-12.5°	21.2	16.5	11.9	7.9	4.0	1.4	0.0
-15°	20.8	16.1	11.7	7.8	3.9	1.4	0.0
-17.5°	20.4	15.7	11.5	7.6	3.8	1.3	0.0
-20°	19.9	15.3	11.3	7.5	3.8	1.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.3	14.8	11.0	7.3	3.7	1.3	0.0
-25°	18.7	14.5	10.7	7.0	3.6	1.3	0.0
-27.5°	18.1	14.1	10.4	6.8	3.5	1.2	0.0
-30°	17.4	13.6	10.1	6.5	3.4	1.2	0.0
-32.5°	16.6	13.1	9.7	6.3	3.3	1.2	0.0
-35°	16.0	12.6	9.3	6.0	3.1	1.1	0.0
-37.5°	15.3	12.1	8.9	5.6	3.0	1.1	0.0
-40°	14.7	11.6	8.4	5.3	2.8	1.1	0.0
-42.5°	13.9	11.0	8.0	5.0	2.7	1.0	0.0
-45°	13.2	10.3	7.5	4.6	2.5	1.0	0.0
-47.5°	12.4	9.7	6.9	4.2	2.3	0.9	0.0
-50°	11.6	9.0	6.4	3.9	2.2	0.9	0.0
-52.5°	10.8	8.3	5.9	3.6	2.0	0.9	0.0
-55°	9.9	7.6	5.3	3.3	1.8	0.8	0.0
-57.5°	9.0	6.9	4.7	3.0	1.6	0.8	0.0
-60°	8.1	6.1	4.1	2.7	1.4	0.7	0.0
-62.5°	7.2	5.3	3.7	2.4	1.3	0.6	0.0
-65°	6.2	4.5	3.2	2.1	1.2	0.6	0.0
-67.5°	5.2	3.8	2.8	1.8	1.1	0.5	0.0
-70°	4.2	3.3	2.4	1.5	1.0	0.5	0.0
-72.5°	3.5	2.7	1.9	1.3	0.8	0.4	0.0
-75°	2.8	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)