

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: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1B-930-U-TS-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

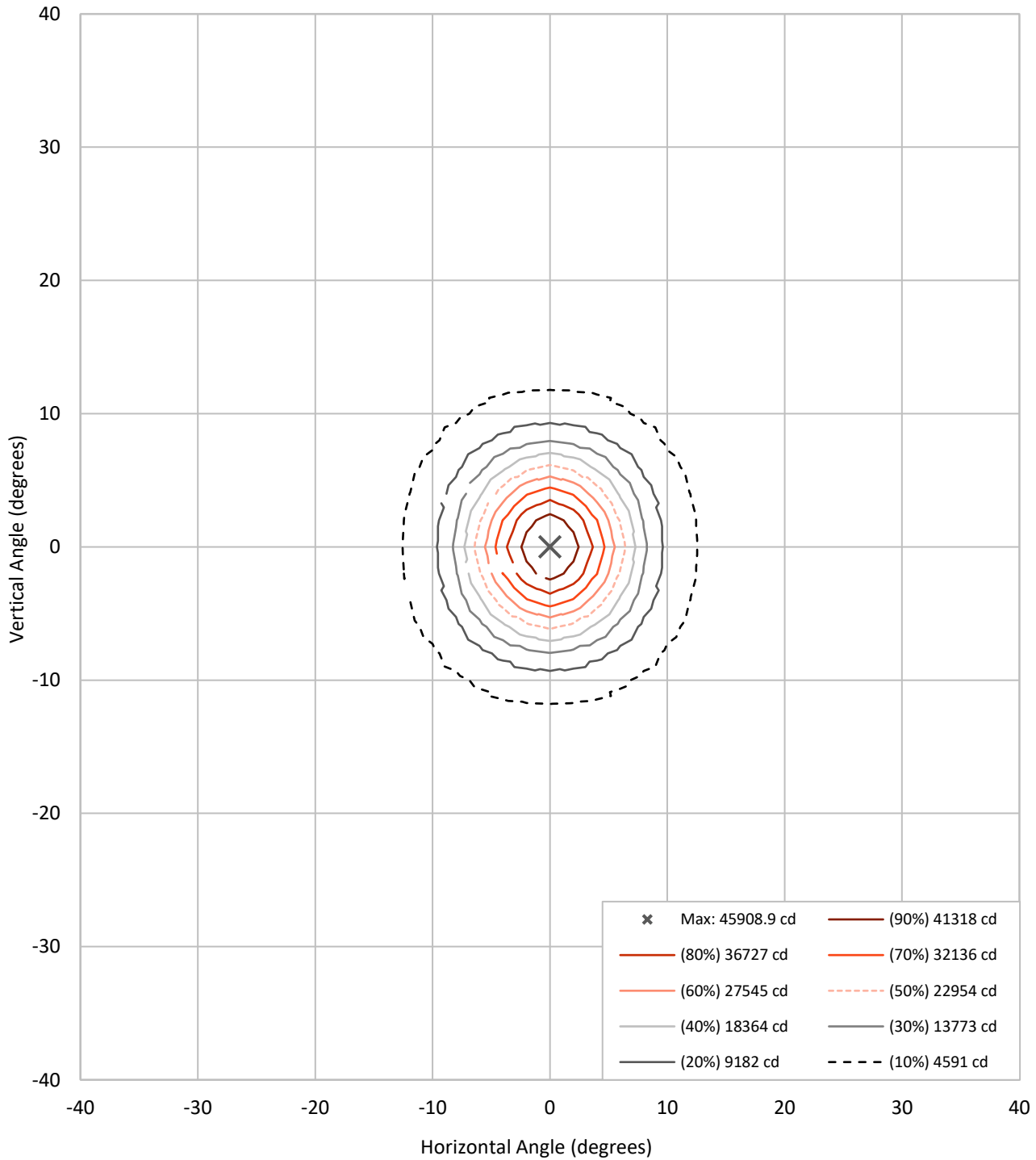
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	3327.8 lumens	Max Intensity:	45908.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1051.5 lumens	Field Lumens:	2329.5 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 33  
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





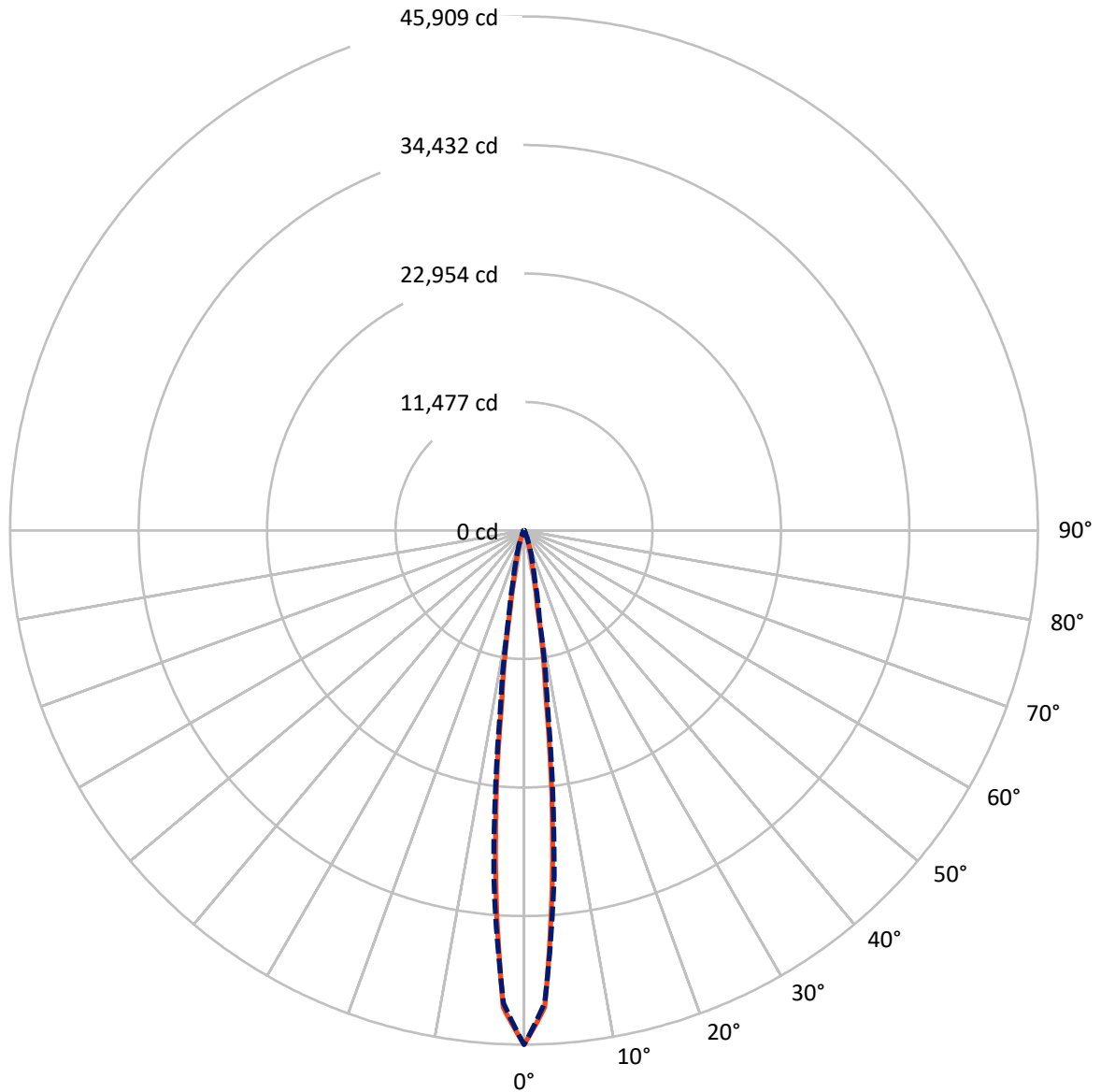
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### Lumen Table

90																			
80	0.0	0.4		1.1		1.7		2.0		1.7		1.1		0.4		0.0			
70																			
60	0.2	0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2	0.2			
50		0.3	0.6	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.6	0.3				
40	0.3	0.4	0.8	1.1	1.4	1.7	1.9	1.9	1.9	1.9	1.7	1.4	1.1	0.8	0.4	0.3			
30		0.5	0.9	1.2	1.6	2.0	2.5	2.9	2.9	2.5	2.0	1.6	1.2	0.9	0.5				
20	0.4	0.6	0.9	1.3	1.9	2.9	6.4	11.6	11.6	6.4	2.9	1.9	1.3	0.9	0.6	0.4			
10		0.6	1.0	1.4	2.2	6.2	34.9	76.8	76.8	34.9	6.2	2.2	1.4	1.0	0.6				
0	0.5	0.6	1.0	1.4	2.4	11.9	83.8	541.9	541.9	83.8	11.9	2.4	1.4	1.0	0.6	0.5			
-10		0.6	1.0	1.4	2.4	11.9	83.8	541.9	541.9	83.8	11.9	2.4	1.4	1.0	0.6				
-20	0.4	0.6	1.0	1.4	2.2	6.2	34.9	76.8	76.8	34.9	6.2	2.2	1.4	1.0	0.6	0.4			
-30		0.6	0.9	1.3	1.9	2.9	6.4	11.6	11.6	6.4	2.9	1.9	1.3	0.9	0.6				
-40	0.3	0.5	0.9	1.2	1.6	2.0	2.5	2.9	2.9	2.5	2.0	1.6	1.2	0.9	0.5	0.3			
-50		0.4	0.8	1.1	1.4	1.7	1.9	1.9	1.9	1.9	1.7	1.4	1.1	0.8	0.4				
-60	0.2	0.3	0.6	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.6	0.3	0.2			
-70		0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2				
-80	0.0	0.4		1.1		1.7		2.0		1.7		1.1		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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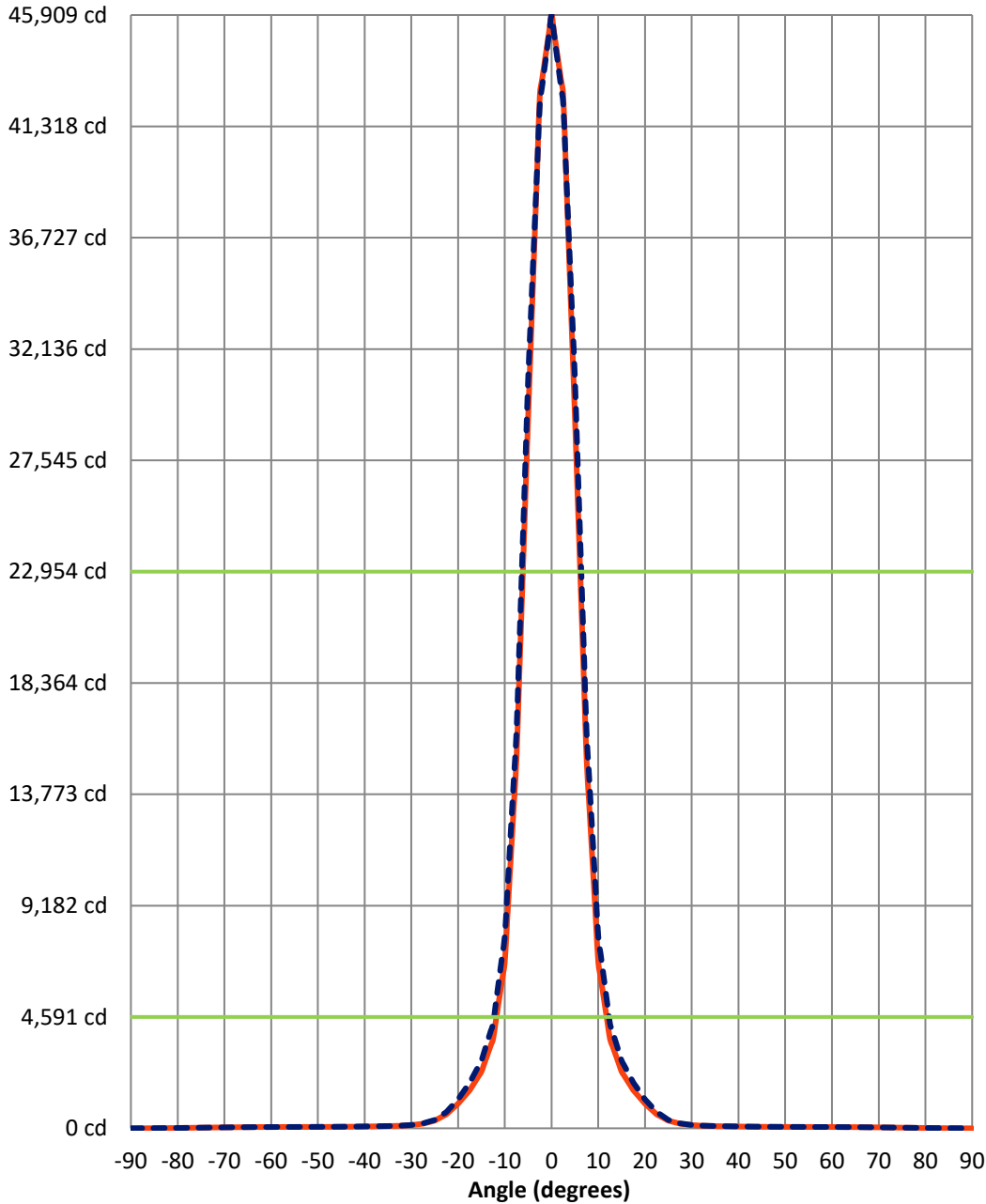
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 1051.5  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 2329.5  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 998.3  
 Efficiency: 30.0%

- 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	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
82.5°	0.0	0.3	0.7	0.9	1.2	1.5	1.7	2.0	2.3	2.7	3.1
80°	0.0	0.4	0.9	1.3	1.6	2.0	2.3	2.8	3.4	3.9	4.5
77.5°	0.0	0.5	1.1	1.6	2.0	2.5	3.1	3.8	4.5	5.2	6.0
75°	0.0	0.6	1.3	1.9	2.5	3.2	3.9	4.7	5.6	6.5	7.5
72.5°	0.0	0.8	1.5	2.2	3.0	3.8	4.7	5.6	6.8	7.9	9.0
70°	0.0	0.9	1.7	2.5	3.5	4.5	5.5	6.8	8.1	9.3	11.1
67.5°	0.0	1.0	1.9	2.9	4.0	5.1	6.4	7.9	9.3	11.2	13.2
65°	0.0	1.1	2.1	3.3	4.5	5.8	7.4	9.0	11.0	13.1	15.4
62.5°	0.0	1.2	2.3	3.6	5.0	6.6	8.3	10.3	12.5	14.9	17.6
60°	0.0	1.2	2.5	4.0	5.5	7.3	9.2	11.6	14.0	16.9	19.8
57.5°	0.0	1.3	2.7	4.3	6.0	8.0	10.3	12.8	15.7	18.9	22.0
55°	0.0	1.4	3.0	4.7	6.6	8.7	11.3	14.1	17.4	20.8	24.2
52.5°	0.0	1.5	3.2	5.0	7.1	9.4	12.4	15.5	19.0	22.7	26.4
50°	0.0	1.6	3.4	5.3	7.6	10.3	13.4	16.9	20.6	24.6	28.5
47.5°	0.0	1.7	3.6	5.7	8.1	11.1	14.4	18.2	22.2	26.4	30.6
45°	0.0	1.8	3.8	6.0	8.6	11.9	15.5	19.5	23.8	28.2	32.6
42.5°	0.0	1.8	4.0	6.4	9.1	12.6	16.5	20.8	25.3	29.9	34.3
40°	0.0	1.9	4.1	6.7	9.6	13.3	17.5	22.0	26.7	31.6	35.9
37.5°	0.0	2.0	4.3	7.0	10.1	14.0	18.4	23.2	28.1	33.1	37.4
35°	0.0	2.0	4.5	7.3	10.6	14.7	19.3	24.3	29.4	34.4	38.8
32.5°	0.0	2.1	4.6	7.5	11.1	15.4	20.2	25.4	30.7	35.6	40.0
30°	0.0	2.2	4.8	7.8	11.6	16.0	21.0	26.4	31.8	36.7	41.1
27.5°	0.0	2.2	4.9	8.0	12.0	16.6	21.8	27.3	32.8	37.7	42.2
25°	0.0	2.3	5.0	8.2	12.3	17.1	22.5	28.1	33.6	38.6	43.1
22.5°	0.0	2.3	5.1	8.4	12.7	17.6	23.1	28.8	34.4	39.4	43.8
20°	0.0	2.3	5.2	8.5	13.0	18.1	23.7	29.5	35.0	40.0	44.4
17.5°	0.0	2.4	5.3	8.6	13.3	18.5	24.2	30.1	35.6	40.6	45.0
15°	0.0	2.4	5.4	8.8	13.5	18.8	24.7	30.6	36.1	41.2	45.5
12.5°	0.0	2.4	5.5	8.8	13.7	19.1	25.1	31.0	36.6	41.6	45.9
10°	0.0	2.5	5.5	8.9	13.9	19.4	25.4	31.3	36.9	41.9	46.3
7.5°	0.0	2.5	5.5	9.0	14.0	19.6	25.7	31.6	37.2	42.1	46.5
5°	0.0	2.5	5.6	9.0	14.1	19.7	25.9	31.7	37.3	42.3	46.7
2.5°	0.0	2.5	5.6	9.0	14.2	19.8	26.0	31.8	37.4	42.3	46.7
0°	0.0	2.5	5.6	9.0	14.2	19.8	26.0	31.8	37.4	42.3	46.7
-2.5°	0.0	2.5	5.6	9.0	14.2	19.8	26.0	31.8	37.4	42.3	46.7
-5°	0.0	2.5	5.6	9.0	14.1	19.7	25.9	31.7	37.3	42.3	46.7
-7.5°	0.0	2.5	5.5	9.0	14.0	19.6	25.7	31.6	37.2	42.1	46.5
-10°	0.0	2.5	5.5	8.9	13.9	19.4	25.4	31.3	36.9	41.9	46.3
-12.5°	0.0	2.4	5.5	8.8	13.7	19.1	25.1	31.0	36.6	41.6	45.9
-15°	0.0	2.4	5.4	8.8	13.5	18.8	24.7	30.6	36.1	41.2	45.5
-17.5°	0.0	2.4	5.3	8.6	13.3	18.5	24.2	30.1	35.6	40.6	45.0
-20°	0.0	2.3	5.2	8.5	13.0	18.1	23.7	29.5	35.0	40.0	44.4



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	5.1	8.4	12.7	17.6	23.1	28.8	34.4	39.4	43.8
-25°	0.0	2.3	5.0	8.2	12.3	17.1	22.5	28.1	33.6	38.6	43.1
-27.5°	0.0	2.2	4.9	8.0	12.0	16.6	21.8	27.3	32.8	37.7	42.2
-30°	0.0	2.2	4.8	7.8	11.6	16.0	21.0	26.4	31.8	36.7	41.1
-32.5°	0.0	2.1	4.6	7.5	11.1	15.4	20.2	25.4	30.7	35.6	40.0
-35°	0.0	2.0	4.5	7.3	10.6	14.7	19.3	24.3	29.4	34.4	38.8
-37.5°	0.0	2.0	4.3	7.0	10.1	14.0	18.4	23.2	28.1	33.1	37.4
-40°	0.0	1.9	4.1	6.7	9.6	13.3	17.5	22.0	26.7	31.6	35.9
-42.5°	0.0	1.8	4.0	6.4	9.1	12.6	16.5	20.8	25.3	29.9	34.3
-45°	0.0	1.8	3.8	6.0	8.6	11.9	15.5	19.5	23.8	28.2	32.6
-47.5°	0.0	1.7	3.6	5.7	8.1	11.1	14.4	18.2	22.2	26.4	30.6
-50°	0.0	1.6	3.4	5.3	7.6	10.3	13.4	16.9	20.6	24.6	28.5
-52.5°	0.0	1.5	3.2	5.0	7.1	9.4	12.4	15.5	19.0	22.7	26.4
-55°	0.0	1.4	3.0	4.7	6.6	8.7	11.3	14.1	17.4	20.8	24.2
-57.5°	0.0	1.3	2.7	4.3	6.0	8.0	10.3	12.8	15.7	18.9	22.0
-60°	0.0	1.2	2.5	4.0	5.5	7.3	9.2	11.6	14.0	16.9	19.8
-62.5°	0.0	1.2	2.3	3.6	5.0	6.6	8.3	10.3	12.5	14.9	17.6
-65°	0.0	1.1	2.1	3.3	4.5	5.8	7.4	9.0	11.0	13.1	15.4
-67.5°	0.0	1.0	1.9	2.9	4.0	5.1	6.4	7.9	9.3	11.2	13.2
-70°	0.0	0.9	1.7	2.5	3.5	4.5	5.5	6.8	8.1	9.3	11.1
-72.5°	0.0	0.8	1.5	2.2	3.0	3.8	4.7	5.6	6.8	7.9	9.0
-75°	0.0	0.6	1.3	1.9	2.5	3.2	3.9	4.7	5.6	6.5	7.5
-77.5°	0.0	0.5	1.1	1.6	2.0	2.5	3.1	3.8	4.5	5.2	6.0
-80°	0.0	0.4	0.9	1.3	1.6	2.0	2.3	2.8	3.4	3.9	4.5
-82.5°	0.0	0.3	0.7	0.9	1.2	1.5	1.7	2.0	2.3	2.7	3.1
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-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°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.6	3.7
82.5°	3.4	3.7	4.0	4.1	4.4	4.6	4.8	5.2	5.6	6.1	6.5
80°	4.9	5.3	5.7	6.3	6.8	7.4	8.0	8.5	9.0	9.6	10.3
77.5°	6.6	7.3	8.1	8.9	9.7	10.6	11.6	12.5	13.4	14.1	14.8
75°	8.4	9.3	10.6	11.9	13.1	14.3	15.5	16.7	17.8	18.7	19.7
72.5°	10.4	11.9	13.4	14.9	16.5	18.0	19.4	20.8	22.1	23.4	24.7
70°	12.8	14.6	16.4	18.3	20.1	21.8	23.4	25.1	26.8	28.3	29.6
67.5°	15.2	17.4	19.5	21.6	23.6	25.5	27.5	29.4	31.2	32.8	34.2
65°	17.8	20.1	22.5	24.8	27.0	29.2	31.4	33.6	35.3	36.7	38.1
62.5°	20.2	22.9	25.5	28.0	30.5	32.9	35.0	36.9	38.7	40.3	41.8
60°	22.8	25.7	28.5	31.2	33.8	36.0	38.2	40.1	41.9	43.7	44.9
57.5°	25.2	28.4	31.4	34.2	36.7	39.0	41.1	43.1	44.7	46.1	47.4
55°	27.7	31.0	34.2	36.9	39.4	41.7	43.8	45.5	47.0	48.3	49.7
52.5°	30.1	33.6	36.6	39.4	41.9	44.1	46.0	47.6	49.1	50.4	51.5
50°	32.4	35.8	39.0	41.7	44.1	46.2	47.9	49.5	50.9	52.1	53.1
47.5°	34.5	38.0	41.0	43.8	46.1	48.0	49.7	51.2	52.6	53.6	54.7
45°	36.4	39.9	43.0	45.6	47.8	49.7	51.3	52.8	54.0	55.0	55.8
42.5°	38.2	41.6	44.6	47.3	49.3	51.1	52.7	54.1	55.3	56.2	57.0
40°	39.8	43.3	46.2	48.6	50.7	52.3	53.8	55.2	56.4	57.3	58.2
37.5°	41.3	44.7	47.6	49.9	51.7	53.4	54.9	56.2	57.4	58.3	59.6
35°	42.8	46.0	48.7	50.9	52.7	54.4	55.8	57.2	58.3	59.6	61.0
32.5°	44.0	47.2	49.7	51.7	53.5	55.2	56.7	58.0	59.3	60.8	62.5
30°	45.0	48.1	50.6	52.4	54.3	55.9	57.5	58.9	60.3	62.1	64.4
27.5°	45.9	48.9	51.2	53.1	55.0	56.5	58.1	59.7	61.4	63.5	66.4
25°	46.8	49.7	51.8	53.7	55.4	57.0	58.7	60.4	62.4	65.2	69.0
22.5°	47.5	50.4	52.3	54.3	55.8	57.5	59.2	61.1	63.4	66.9	71.7
20°	48.1	50.8	52.7	54.7	56.1	57.9	59.7	61.7	64.6	68.9	74.5
17.5°	48.6	51.2	53.1	54.9	56.5	58.3	60.1	62.2	65.5	70.9	77.2
15°	49.1	51.5	53.4	55.1	56.7	58.6	60.5	62.9	66.7	72.8	79.6
12.5°	49.5	51.7	53.6	55.2	57.0	58.8	60.8	63.4	68.0	74.6	82.0
10°	49.8	51.9	53.7	55.4	57.1	58.9	61.0	63.8	68.9	75.6	83.4
7.5°	50.0	52.0	53.9	55.4	57.3	58.9	61.2	64.0	69.5	76.1	84.2
5°	50.1	52.1	54.0	55.5	57.4	58.9	61.3	64.1	69.7	76.2	84.5
2.5°	50.1	52.2	54.1	55.6	57.5	59.1	61.6	64.4	69.9	76.6	84.7
0°	50.1	52.2	54.1	55.6	57.5	59.1	61.6	64.4	69.9	76.6	84.7
-2.5°	50.1	52.2	54.1	55.6	57.5	59.1	61.6	64.4	69.9	76.6	84.7
-5°	50.1	52.1	54.0	55.5	57.4	58.9	61.3	64.1	69.7	76.2	84.5
-7.5°	50.0	52.0	53.9	55.4	57.3	58.9	61.2	64.0	69.5	76.1	84.2
-10°	49.8	51.9	53.7	55.4	57.1	58.9	61.0	63.8	68.9	75.6	83.4
-12.5°	49.5	51.7	53.6	55.2	57.0	58.8	60.8	63.4	68.0	74.6	82.0
-15°	49.1	51.5	53.4	55.1	56.7	58.6	60.5	62.9	66.7	72.8	79.6
-17.5°	48.6	51.2	53.1	54.9	56.5	58.3	60.1	62.2	65.5	70.9	77.2
-20°	48.1	50.8	52.7	54.7	56.1	57.9	59.7	61.7	64.6	68.9	74.5



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	47.5	50.4	52.3	54.3	55.8	57.5	59.2	61.1	63.4	66.9	71.7
-25°	46.8	49.7	51.8	53.7	55.4	57.0	58.7	60.4	62.4	65.2	69.0
-27.5°	45.9	48.9	51.2	53.1	55.0	56.5	58.1	59.7	61.4	63.5	66.4
-30°	45.0	48.1	50.6	52.4	54.3	55.9	57.5	58.9	60.3	62.1	64.4
-32.5°	44.0	47.2	49.7	51.7	53.5	55.2	56.7	58.0	59.3	60.8	62.5
-35°	42.8	46.0	48.7	50.9	52.7	54.4	55.8	57.2	58.3	59.6	61.0
-37.5°	41.3	44.7	47.6	49.9	51.7	53.4	54.9	56.2	57.4	58.3	59.6
-40°	39.8	43.3	46.2	48.6	50.7	52.3	53.8	55.2	56.4	57.3	58.2
-42.5°	38.2	41.6	44.6	47.3	49.3	51.1	52.7	54.1	55.3	56.2	57.0
-45°	36.4	39.9	43.0	45.6	47.8	49.7	51.3	52.8	54.0	55.0	55.8
-47.5°	34.5	38.0	41.0	43.8	46.1	48.0	49.7	51.2	52.6	53.6	54.7
-50°	32.4	35.8	39.0	41.7	44.1	46.2	47.9	49.5	50.9	52.1	53.1
-52.5°	30.1	33.6	36.6	39.4	41.9	44.1	46.0	47.6	49.1	50.4	51.5
-55°	27.7	31.0	34.2	36.9	39.4	41.7	43.8	45.5	47.0	48.3	49.7
-57.5°	25.2	28.4	31.4	34.2	36.7	39.0	41.1	43.1	44.7	46.1	47.4
-60°	22.8	25.7	28.5	31.2	33.8	36.0	38.2	40.1	41.9	43.7	44.9
-62.5°	20.2	22.9	25.5	28.0	30.5	32.9	35.0	36.9	38.7	40.3	41.8
-65°	17.8	20.1	22.5	24.8	27.0	29.2	31.4	33.6	35.3	36.7	38.1
-67.5°	15.2	17.4	19.5	21.6	23.6	25.5	27.5	29.4	31.2	32.8	34.2
-70°	12.8	14.6	16.4	18.3	20.1	21.8	23.4	25.1	26.8	28.3	29.6
-72.5°	10.4	11.9	13.4	14.9	16.5	18.0	19.4	20.8	22.1	23.4	24.7
-75°	8.4	9.3	10.6	11.9	13.1	14.3	15.5	16.7	17.8	18.7	19.7
-77.5°	6.6	7.3	8.1	8.9	9.7	10.6	11.6	12.5	13.4	14.1	14.8
-80°	4.9	5.3	5.7	6.3	6.8	7.4	8.0	8.5	9.0	9.6	10.3
-82.5°	3.4	3.7	4.0	4.1	4.4	4.6	4.8	5.2	5.6	6.1	6.5
-85°	2.0	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.6	3.7
-87.5°	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.9	1.9
85°	3.9	4.1	4.3	4.5	4.7	4.8	4.9	5.0	5.1	5.1	5.2
82.5°	6.9	7.3	7.6	7.9	8.2	8.4	8.6	8.7	8.9	9.0	9.1
80°	10.8	11.3	11.8	12.3	12.7	13.1	13.4	13.6	13.8	14.0	14.2
77.5°	15.4	16.1	16.8	17.5	18.1	18.5	19.0	19.3	19.6	20.0	20.4
75°	20.6	21.5	22.4	23.1	23.8	24.4	25.0	25.4	25.9	26.3	26.6
72.5°	25.9	27.0	27.9	28.7	29.5	30.2	30.9	31.5	32.1	32.5	32.9
70°	30.8	31.9	33.0	33.9	34.7	35.6	36.5	37.3	38.1	38.6	38.9
67.5°	35.3	36.5	37.6	38.8	39.8	40.7	41.6	42.4	43.1	43.6	44.0
65°	39.4	40.7	41.9	43.1	44.2	44.9	45.8	46.5	47.2	47.8	48.2
62.5°	43.3	44.5	45.5	46.5	47.4	48.2	49.0	49.7	50.3	50.9	51.4
60°	46.2	47.4	48.5	49.4	50.2	51.0	51.6	52.2	52.6	52.9	53.3
57.5°	48.7	49.9	50.9	51.7	52.4	53.2	53.7	54.1	54.3	54.5	54.6
55°	50.8	51.8	52.6	53.5	54.2	54.9	55.3	55.6	55.7	55.8	55.8
52.5°	52.5	53.5	54.4	55.2	55.8	56.3	56.8	56.9	57.0	57.0	57.0
50°	54.1	55.1	55.8	56.5	57.1	57.5	57.9	58.1	58.2	58.2	58.2
47.5°	55.4	56.2	57.0	57.7	58.3	58.9	59.3	59.5	59.8	59.8	59.8
45°	56.5	57.5	58.3	59.1	59.8	60.5	61.2	61.6	62.0	62.4	62.5
42.5°	57.9	58.8	59.8	60.8	61.8	62.8	63.8	64.8	65.7	66.8	67.4
40°	59.3	60.3	61.6	62.9	64.4	65.8	68.0	70.2	71.9	73.3	74.6
37.5°	60.8	62.2	63.9	65.6	68.1	70.6	73.4	76.1	78.5	80.6	82.4
35°	62.5	64.5	66.5	69.6	72.7	75.9	79.2	82.8	85.9	88.1	89.8
32.5°	64.7	67.2	70.5	74.4	78.2	82.2	86.2	90.3	93.4	96.5	99.7
30°	67.2	70.7	74.9	79.7	84.5	89.3	94.3	100.0	105.3	111.1	119.3
27.5°	70.2	74.5	79.5	85.2	90.9	96.6	105.5	115.1	129.5	140.9	160.3
25°	73.4	78.5	84.6	91.0	98.0	108.3	124.5	143.5	177.3	203.5	243.2
22.5°	77.1	83.1	89.7	97.1	108.5	127.9	155.5	204.4	272.6	339.8	414.7
20°	80.7	87.4	94.6	105.9	125.0	155.8	215.5	321.4	439.6	607.9	749.2
17.5°	84.1	91.2	100.3	115.6	144.3	206.1	321.9	503.2	750.1	1021.4	1247.6
15°	87.1	94.3	106.7	130.9	179.4	275.7	450.5	759.0	1173.8	1545.3	1876.6
12.5°	89.7	98.2	113.6	143.2	209.9	352.4	632.7	1070.9	1577.4	2098.4	2517.7
10°	91.5	102.2	122.7	166.0	258.2	443.7	784.6	1337.3	1947.2	2580.4	3338.4
7.5°	92.6	105.2	129.7	182.9	301.4	545.3	975.1	1575.1	2275.6	3140.0	4298.1
5°	93.4	107.2	134.9	195.7	330.2	612.5	1095.4	1755.4	2558.9	3808.8	6192.2
2.5°	93.8	108.0	137.8	202.7	343.3	647.0	1180.1	1858.6	2731.3	4280.6	7504.3
0°	93.6	107.6	138.2	204.3	345.2	673.4	1194.2	1888.1	2789.6	4322.8	7925.0
-2.5°	93.8	108.0	137.8	202.7	343.3	647.0	1180.1	1858.6	2731.3	4280.6	7504.3
-5°	93.4	107.2	134.9	195.7	330.2	612.5	1095.4	1755.4	2558.9	3808.8	6192.2
-7.5°	92.6	105.2	129.7	182.9	301.4	545.3	975.1	1575.1	2275.6	3140.0	4298.1
-10°	91.5	102.2	122.7	166.0	258.2	443.7	784.6	1337.3	1947.2	2580.4	3338.4
-12.5°	89.7	98.2	113.6	143.2	209.9	352.4	632.7	1070.9	1577.4	2098.4	2517.7
-15°	87.1	94.3	106.7	130.9	179.4	275.7	450.5	759.0	1173.8	1545.3	1876.6
-17.5°	84.1	91.2	100.3	115.6	144.3	206.1	321.9	503.2	750.1	1021.4	1247.6
-20°	80.7	87.4	94.6	105.9	125.0	155.8	215.5	321.4	439.6	607.9	749.2



REPORT NUMBER: P558504 (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°	77.1	83.1	89.7	97.1	108.5	127.9	155.5	204.4	272.6	339.8	414.7
-25°	73.4	78.5	84.6	91.0	98.0	108.3	124.5	143.5	177.3	203.5	243.2
-27.5°	70.2	74.5	79.5	85.2	90.9	96.6	105.5	115.1	129.5	140.9	160.3
-30°	67.2	70.7	74.9	79.7	84.5	89.3	94.3	100.0	105.3	111.1	119.3
-32.5°	64.7	67.2	70.5	74.4	78.2	82.2	86.2	90.3	93.4	96.5	99.7
-35°	62.5	64.5	66.5	69.6	72.7	75.9	79.2	82.8	85.9	88.1	89.8
-37.5°	60.8	62.2	63.9	65.6	68.1	70.6	73.4	76.1	78.5	80.6	82.4
-40°	59.3	60.3	61.6	62.9	64.4	65.8	68.0	70.2	71.9	73.3	74.6
-42.5°	57.9	58.8	59.8	60.8	61.8	62.8	63.8	64.8	65.7	66.8	67.4
-45°	56.5	57.5	58.3	59.1	59.8	60.5	61.2	61.6	62.0	62.4	62.5
-47.5°	55.4	56.2	57.0	57.7	58.3	58.9	59.3	59.5	59.8	59.8	59.8
-50°	54.1	55.1	55.8	56.5	57.1	57.5	57.9	58.1	58.2	58.2	58.2
-52.5°	52.5	53.5	54.4	55.2	55.8	56.3	56.8	56.9	57.0	57.0	57.0
-55°	50.8	51.8	52.6	53.5	54.2	54.9	55.3	55.6	55.7	55.8	55.8
-57.5°	48.7	49.9	50.9	51.7	52.4	53.2	53.7	54.1	54.3	54.5	54.6
-60°	46.2	47.4	48.5	49.4	50.2	51.0	51.6	52.2	52.6	52.9	53.3
-62.5°	43.3	44.5	45.5	46.5	47.4	48.2	49.0	49.7	50.3	50.9	51.4
-65°	39.4	40.7	41.9	43.1	44.2	44.9	45.8	46.5	47.2	47.8	48.2
-67.5°	35.3	36.5	37.6	38.8	39.8	40.7	41.6	42.4	43.1	43.6	44.0
-70°	30.8	31.9	33.0	33.9	34.7	35.6	36.5	37.3	38.1	38.6	38.9
-72.5°	25.9	27.0	27.9	28.7	29.5	30.2	30.9	31.5	32.1	32.5	32.9
-75°	20.6	21.5	22.4	23.1	23.8	24.4	25.0	25.4	25.9	26.3	26.6
-77.5°	15.4	16.1	16.8	17.5	18.1	18.5	19.0	19.3	19.6	20.0	20.4
-80°	10.8	11.3	11.8	12.3	12.7	13.1	13.4	13.6	13.8	14.0	14.2
-82.5°	6.9	7.3	7.6	7.9	8.2	8.4	8.6	8.7	8.9	9.0	9.1
-85°	3.9	4.1	4.3	4.5	4.7	4.8	4.9	5.0	5.1	5.1	5.2
-87.5°	1.8	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
85°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
82.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9	8.7
80°	14.3	14.4	14.5	14.5	14.5	14.4	14.3	14.2	14.0	13.8	13.6
77.5°	20.6	20.9	21.0	21.0	21.0	20.9	20.6	20.4	20.0	19.6	19.3
75°	26.9	27.1	27.2	27.2	27.2	27.1	26.9	26.6	26.3	25.9	25.4
72.5°	33.1	33.2	33.5	33.7	33.5	33.2	33.1	32.9	32.5	32.1	31.5
70°	39.1	39.1	39.4	39.6	39.4	39.1	39.1	38.9	38.6	38.1	37.3
67.5°	44.2	44.3	44.3	44.2	44.3	44.3	44.2	44.0	43.6	43.1	42.4
65°	48.6	48.9	48.9	48.8	48.9	48.9	48.6	48.2	47.8	47.2	46.5
62.5°	51.9	52.3	52.5	52.5	52.5	52.3	51.9	51.4	50.9	50.3	49.7
60°	53.5	53.7	53.8	53.8	53.8	53.7	53.5	53.3	52.9	52.6	52.2
57.5°	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.6	54.5	54.3	54.1
55°	55.9	55.9	55.8	55.6	55.8	55.9	55.9	55.8	55.8	55.7	55.6
52.5°	57.0	56.9	56.8	56.6	56.8	56.9	57.0	57.0	57.0	57.0	56.9
50°	58.1	57.9	57.8	57.8	57.8	57.9	58.1	58.2	58.2	58.2	58.1
47.5°	59.8	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.5
45°	62.5	62.4	62.3	62.4	62.3	62.4	62.5	62.5	62.4	62.0	61.6
42.5°	67.8	67.9	67.9	68.0	67.9	67.9	67.8	67.4	66.8	65.7	64.8
40°	75.1	75.1	74.9	74.8	74.9	75.1	75.1	74.6	73.3	71.9	70.2
37.5°	83.1	83.1	82.8	82.8	82.8	83.1	83.1	82.4	80.6	78.5	76.1
35°	90.6	90.9	90.9	90.6	90.9	90.9	90.6	89.8	88.1	85.9	82.8
32.5°	101.9	103.6	104.6	104.2	104.6	103.6	101.9	99.7	96.5	93.4	90.3
30°	124.4	128.9	131.3	132.3	131.3	128.9	124.4	119.3	111.1	105.3	100.0
27.5°	174.3	184.1	188.5	190.1	188.5	184.1	174.3	160.3	140.9	129.5	115.1
25°	278.0	300.2	311.1	314.6	311.1	300.2	278.0	243.2	203.5	177.3	143.5
22.5°	497.0	539.8	569.0	575.5	569.0	539.8	497.0	414.7	339.8	272.6	204.4
20°	891.2	973.9	1018.7	1014.6	1018.7	973.9	891.2	749.2	607.9	439.6	321.4
17.5°	1439.9	1546.0	1596.4	1572.8	1596.4	1546.0	1439.9	1247.6	1021.4	750.1	503.2
15°	2110.9	2254.1	2316.6	2335.9	2316.6	2254.1	2110.9	1876.6	1545.3	1173.8	759.0
12.5°	2936.2	3405.6	3630.1	3690.2	3630.1	3405.6	2936.2	2517.7	2098.4	1577.4	1070.9
10°	4113.7	5691.4	6629.9	6859.0	6629.9	5691.4	4113.7	3338.4	2580.4	1947.2	1337.3
7.5°	6718.0	9924.0	13515.6	15216.4	13515.6	9924.0	6718.0	4298.1	3140.0	2275.6	1575.1
5°	10245.0	17780.9	26096.4	29356.2	26096.4	17780.9	10245.0	6192.2	3808.8	2558.9	1755.4
2.5°	14532.5	26847.7	38337.8	42621.0	38337.8	26847.7	14532.5	7504.3	4280.6	2731.3	1858.6
0°	16344.0	30952.5	42239.9	45908.9	42239.9	30952.5	16344.0	7925.0	4322.8	2789.6	1888.1
-2.5°	14532.5	26847.7	38337.8	42620.9	38337.8	26847.7	14532.5	7504.3	4280.6	2731.3	1858.6
-5°	10245.0	17780.9	26096.4	29356.2	26096.4	17780.9	10245.0	6192.2	3808.8	2558.9	1755.4
-7.5°	6718.0	9924.0	13515.6	15216.4	13515.6	9924.0	6718.0	4298.1	3140.0	2275.6	1575.1
-10°	4113.7	5691.4	6629.9	6859.0	6629.9	5691.4	4113.7	3338.4	2580.4	1947.2	1337.3
-12.5°	2936.2	3405.6	3630.1	3690.2	3630.1	3405.6	2936.2	2517.7	2098.4	1577.4	1070.9
-15°	2110.9	2254.1	2316.6	2335.9	2316.6	2254.1	2110.9	1876.6	1545.3	1173.8	759.0
-17.5°	1439.9	1546.0	1596.4	1572.8	1596.4	1546.0	1439.9	1247.6	1021.4	750.1	503.2
-20°	891.2	973.9	1018.7	1014.6	1018.7	973.9	891.2	749.2	607.9	439.6	321.4



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	497.0	539.8	569.0	575.5	569.0	539.8	497.0	414.7	339.8	272.6	204.4
-25°	278.0	300.2	311.1	314.6	311.1	300.2	278.0	243.2	203.5	177.3	143.5
-27.5°	174.3	184.1	188.5	190.1	188.5	184.1	174.3	160.3	140.9	129.5	115.1
-30°	124.4	128.9	131.3	132.3	131.3	128.9	124.4	119.3	111.1	105.3	100.0
-32.5°	101.9	103.6	104.6	104.2	104.6	103.6	101.9	99.7	96.5	93.4	90.3
-35°	90.6	90.9	90.9	90.6	90.9	90.9	90.6	89.8	88.1	85.9	82.8
-37.5°	83.1	83.1	82.8	82.8	82.8	83.1	83.1	82.4	80.6	78.5	76.1
-40°	75.1	75.1	74.9	74.8	74.9	75.1	75.1	74.6	73.3	71.9	70.2
-42.5°	67.8	67.9	67.9	68.0	67.9	67.9	67.8	67.4	66.8	65.7	64.8
-45°	62.5	62.4	62.3	62.4	62.3	62.4	62.5	62.5	62.4	62.0	61.6
-47.5°	59.8	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.5
-50°	58.1	57.9	57.8	57.8	57.8	57.9	58.1	58.2	58.2	58.2	58.1
-52.5°	57.0	56.9	56.8	56.6	56.8	56.9	57.0	57.0	57.0	57.0	56.9
-55°	55.9	55.9	55.8	55.6	55.8	55.9	55.9	55.8	55.8	55.7	55.6
-57.5°	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.6	54.5	54.3	54.1
-60°	53.5	53.7	53.8	53.8	53.8	53.7	53.5	53.3	52.9	52.6	52.2
-62.5°	51.9	52.3	52.5	52.5	52.5	52.3	51.9	51.4	50.9	50.3	49.7
-65°	48.6	48.9	48.9	48.8	48.9	48.9	48.6	48.2	47.8	47.2	46.5
-67.5°	44.2	44.3	44.3	44.2	44.3	44.3	44.2	44.0	43.6	43.1	42.4
-70°	39.1	39.1	39.4	39.6	39.4	39.1	39.1	38.9	38.6	38.1	37.3
-72.5°	33.1	33.2	33.5	33.7	33.5	33.2	33.1	32.9	32.5	32.1	31.5
-75°	26.9	27.1	27.2	27.2	27.2	27.1	26.9	26.6	26.3	25.9	25.4
-77.5°	20.6	20.9	21.0	21.0	21.0	20.9	20.6	20.4	20.0	19.6	19.3
-80°	14.3	14.4	14.5	14.5	14.5	14.4	14.3	14.2	14.0	13.8	13.6
-82.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9	8.7
-85°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-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: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
85°	4.9	4.8	4.7	4.5	4.3	4.1	3.9	3.7	3.6	3.4	3.2
82.5°	8.6	8.4	8.2	7.9	7.6	7.3	6.9	6.5	6.1	5.6	5.2
80°	13.4	13.1	12.7	12.3	11.8	11.3	10.8	10.3	9.6	9.0	8.5
77.5°	19.0	18.5	18.1	17.5	16.8	16.1	15.4	14.8	14.1	13.4	12.5
75°	25.0	24.4	23.8	23.1	22.4	21.5	20.6	19.7	18.7	17.8	16.7
72.5°	30.9	30.2	29.5	28.7	27.9	27.0	25.9	24.7	23.4	22.1	20.8
70°	36.5	35.6	34.7	33.9	33.0	31.9	30.8	29.6	28.3	26.8	25.1
67.5°	41.6	40.7	39.8	38.8	37.6	36.5	35.3	34.2	32.8	31.2	29.4
65°	45.8	44.9	44.2	43.1	41.9	40.7	39.4	38.1	36.7	35.3	33.6
62.5°	49.0	48.2	47.4	46.5	45.5	44.5	43.3	41.8	40.3	38.7	36.9
60°	51.6	51.0	50.2	49.4	48.5	47.4	46.2	44.9	43.7	41.9	40.1
57.5°	53.7	53.2	52.4	51.7	50.9	49.9	48.7	47.4	46.1	44.7	43.1
55°	55.3	54.9	54.2	53.5	52.6	51.8	50.8	49.7	48.3	47.0	45.5
52.5°	56.8	56.3	55.8	55.2	54.4	53.5	52.5	51.5	50.4	49.1	47.6
50°	57.9	57.5	57.1	56.5	55.8	55.1	54.1	53.1	52.1	50.9	49.5
47.5°	59.3	58.9	58.3	57.7	57.0	56.2	55.4	54.7	53.6	52.6	51.2
45°	61.2	60.5	59.8	59.1	58.3	57.5	56.5	55.8	55.0	54.0	52.8
42.5°	63.8	62.8	61.8	60.8	59.8	58.8	57.9	57.0	56.2	55.3	54.1
40°	68.0	65.8	64.4	62.9	61.6	60.3	59.3	58.2	57.3	56.4	55.2
37.5°	73.4	70.6	68.1	65.6	63.9	62.2	60.8	59.6	58.3	57.4	56.2
35°	79.2	75.9	72.7	69.6	66.5	64.5	62.5	61.0	59.6	58.3	57.2
32.5°	86.2	82.2	78.2	74.4	70.5	67.2	64.7	62.5	60.8	59.3	58.0
30°	94.3	89.3	84.5	79.7	74.9	70.7	67.2	64.4	62.1	60.3	58.9
27.5°	105.5	96.6	90.9	85.2	79.5	74.5	70.2	66.4	63.5	61.4	59.7
25°	124.5	108.3	98.0	91.0	84.6	78.5	73.4	69.0	65.2	62.4	60.4
22.5°	155.5	127.9	108.5	97.1	89.7	83.1	77.1	71.7	66.9	63.4	61.1
20°	215.5	155.8	125.0	105.9	94.6	87.4	80.7	74.5	68.9	64.6	61.7
17.5°	321.9	206.1	144.3	115.6	100.3	91.2	84.1	77.2	70.9	65.5	62.2
15°	450.5	275.7	179.4	130.9	106.7	94.3	87.1	79.6	72.8	66.7	62.9
12.5°	632.7	352.4	209.9	143.2	113.6	98.2	89.7	82.0	74.6	68.0	63.4
10°	784.6	443.7	258.2	166.0	122.7	102.2	91.5	83.4	75.6	68.9	63.8
7.5°	975.1	545.3	301.4	182.9	129.7	105.2	92.6	84.2	76.1	69.5	64.0
5°	1095.4	612.5	330.2	195.7	134.9	107.2	93.4	84.5	76.2	69.7	64.1
2.5°	1180.1	647.0	343.3	202.7	137.8	108.0	93.8	84.7	76.6	69.9	64.4
0°	1194.2	673.4	345.2	204.3	138.2	107.6	93.6	84.7	77.0	69.8	64.6
-2.5°	1180.1	647.0	343.3	202.7	137.8	108.0	93.8	84.7	76.6	69.9	64.4
-5°	1095.4	612.5	330.2	195.7	134.9	107.2	93.4	84.5	76.2	69.7	64.1
-7.5°	975.1	545.3	301.4	182.9	129.7	105.2	92.6	84.2	76.1	69.5	64.0
-10°	784.6	443.7	258.2	166.0	122.7	102.2	91.5	83.4	75.6	68.9	63.8
-12.5°	632.7	352.4	209.9	143.2	113.6	98.2	89.7	82.0	74.6	68.0	63.4
-15°	450.5	275.7	179.4	130.9	106.7	94.3	87.1	79.6	72.8	66.7	62.9
-17.5°	321.9	206.1	144.3	115.6	100.3	91.2	84.1	77.2	70.9	65.5	62.2
-20°	215.5	155.8	125.0	105.9	94.6	87.4	80.7	74.5	68.9	64.6	61.7



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	155.5	127.9	108.5	97.1	89.7	83.1	77.1	71.7	66.9	63.4	61.1
-25°	124.5	108.3	98.0	91.0	84.6	78.5	73.4	69.0	65.2	62.4	60.4
-27.5°	105.5	96.6	90.9	85.2	79.5	74.5	70.2	66.4	63.5	61.4	59.7
-30°	94.3	89.3	84.5	79.7	74.9	70.7	67.2	64.4	62.1	60.3	58.9
-32.5°	86.2	82.2	78.2	74.4	70.5	67.2	64.7	62.5	60.8	59.3	58.0
-35°	79.2	75.9	72.7	69.6	66.5	64.5	62.5	61.0	59.6	58.3	57.2
-37.5°	73.4	70.6	68.1	65.6	63.9	62.2	60.8	59.6	58.3	57.4	56.2
-40°	68.0	65.8	64.4	62.9	61.6	60.3	59.3	58.2	57.3	56.4	55.2
-42.5°	63.8	62.8	61.8	60.8	59.8	58.8	57.9	57.0	56.2	55.3	54.1
-45°	61.2	60.5	59.8	59.1	58.3	57.5	56.5	55.8	55.0	54.0	52.8
-47.5°	59.3	58.9	58.3	57.7	57.0	56.2	55.4	54.7	53.6	52.6	51.2
-50°	57.9	57.5	57.1	56.5	55.8	55.1	54.1	53.1	52.1	50.9	49.5
-52.5°	56.8	56.3	55.8	55.2	54.4	53.5	52.5	51.5	50.4	49.1	47.6
-55°	55.3	54.9	54.2	53.5	52.6	51.8	50.8	49.7	48.3	47.0	45.5
-57.5°	53.7	53.2	52.4	51.7	50.9	49.9	48.7	47.4	46.1	44.7	43.1
-60°	51.6	51.0	50.2	49.4	48.5	47.4	46.2	44.9	43.7	41.9	40.1
-62.5°	49.0	48.2	47.4	46.5	45.5	44.5	43.3	41.8	40.3	38.7	36.9
-65°	45.8	44.9	44.2	43.1	41.9	40.7	39.4	38.1	36.7	35.3	33.6
-67.5°	41.6	40.7	39.8	38.8	37.6	36.5	35.3	34.2	32.8	31.2	29.4
-70°	36.5	35.6	34.7	33.9	33.0	31.9	30.8	29.6	28.3	26.8	25.1
-72.5°	30.9	30.2	29.5	28.7	27.9	27.0	25.9	24.7	23.4	22.1	20.8
-75°	25.0	24.4	23.8	23.1	22.4	21.5	20.6	19.7	18.7	17.8	16.7
-77.5°	19.0	18.5	18.1	17.5	16.8	16.1	15.4	14.8	14.1	13.4	12.5
-80°	13.4	13.1	12.7	12.3	11.8	11.3	10.8	10.3	9.6	9.0	8.5
-82.5°	8.6	8.4	8.2	7.9	7.6	7.3	6.9	6.5	6.1	5.6	5.2
-85°	4.9	4.8	4.7	4.5	4.3	4.1	3.9	3.7	3.6	3.4	3.2
-87.5°	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
85°	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
82.5°	4.8	4.6	4.4	4.1	4.0	3.7	3.4	3.1	2.7	2.3	2.0
80°	8.0	7.4	6.8	6.3	5.7	5.3	4.9	4.5	3.9	3.4	2.8
77.5°	11.6	10.6	9.7	8.9	8.1	7.3	6.6	6.0	5.2	4.5	3.8
75°	15.5	14.3	13.1	11.9	10.6	9.3	8.4	7.5	6.5	5.6	4.7
72.5°	19.4	18.0	16.5	14.9	13.4	11.9	10.4	9.0	7.9	6.8	5.6
70°	23.4	21.8	20.1	18.3	16.4	14.6	12.8	11.1	9.3	8.1	6.8
67.5°	27.5	25.5	23.6	21.6	19.5	17.4	15.2	13.2	11.2	9.3	7.9
65°	31.4	29.2	27.0	24.8	22.5	20.1	17.8	15.4	13.1	11.0	9.0
62.5°	35.0	32.9	30.5	28.0	25.5	22.9	20.2	17.6	14.9	12.5	10.3
60°	38.2	36.0	33.8	31.2	28.5	25.7	22.8	19.8	16.9	14.0	11.6
57.5°	41.1	39.0	36.7	34.2	31.4	28.4	25.2	22.0	18.9	15.7	12.8
55°	43.8	41.7	39.4	36.9	34.2	31.0	27.7	24.2	20.8	17.4	14.1
52.5°	46.0	44.1	41.9	39.4	36.6	33.6	30.1	26.4	22.7	19.0	15.5
50°	47.9	46.2	44.1	41.7	39.0	35.8	32.4	28.5	24.6	20.6	16.9
47.5°	49.7	48.0	46.1	43.8	41.0	38.0	34.5	30.6	26.4	22.2	18.2
45°	51.3	49.7	47.8	45.6	43.0	39.9	36.4	32.6	28.2	23.8	19.5
42.5°	52.7	51.1	49.3	47.3	44.6	41.6	38.2	34.3	29.9	25.3	20.8
40°	53.8	52.3	50.7	48.6	46.2	43.3	39.8	35.9	31.6	26.7	22.0
37.5°	54.9	53.4	51.7	49.9	47.6	44.7	41.3	37.4	33.1	28.1	23.2
35°	55.8	54.4	52.7	50.9	48.7	46.0	42.8	38.8	34.4	29.4	24.3
32.5°	56.7	55.2	53.5	51.7	49.7	47.2	44.0	40.0	35.6	30.7	25.4
30°	57.5	55.9	54.3	52.4	50.6	48.1	45.0	41.1	36.7	31.8	26.4
27.5°	58.1	56.5	55.0	53.1	51.2	48.9	45.9	42.2	37.7	32.8	27.3
25°	58.7	57.0	55.4	53.7	51.8	49.7	46.8	43.1	38.6	33.6	28.1
22.5°	59.2	57.5	55.8	54.3	52.3	50.4	47.5	43.8	39.4	34.4	28.8
20°	59.7	57.9	56.1	54.7	52.7	50.8	48.1	44.4	40.0	35.0	29.5
17.5°	60.1	58.3	56.5	54.9	53.1	51.2	48.6	45.0	40.6	35.6	30.1
15°	60.5	58.6	56.7	55.1	53.4	51.5	49.1	45.5	41.2	36.1	30.6
12.5°	60.8	58.8	57.0	55.2	53.6	51.7	49.5	45.9	41.6	36.6	31.0
10°	61.0	58.9	57.1	55.4	53.7	51.9	49.8	46.3	41.9	36.9	31.3
7.5°	61.2	58.9	57.3	55.4	53.9	52.0	50.0	46.5	42.1	37.2	31.6
5°	61.3	58.9	57.4	55.5	54.0	52.1	50.1	46.7	42.3	37.3	31.7
2.5°	61.6	59.1	57.5	55.6	54.1	52.2	50.1	46.7	42.3	37.4	31.8
0°	61.8	59.3	57.5	55.6	54.1	52.2	50.1	46.7	42.3	37.4	31.8
-2.5°	61.6	59.1	57.5	55.6	54.1	52.2	50.1	46.7	42.3	37.4	31.8
-5°	61.3	58.9	57.4	55.5	54.0	52.1	50.1	46.7	42.3	37.3	31.7
-7.5°	61.2	58.9	57.3	55.4	53.9	52.0	50.0	46.5	42.1	37.2	31.6
-10°	61.0	58.9	57.1	55.4	53.7	51.9	49.8	46.3	41.9	36.9	31.3
-12.5°	60.8	58.8	57.0	55.2	53.6	51.7	49.5	45.9	41.6	36.6	31.0
-15°	60.5	58.6	56.7	55.1	53.4	51.5	49.1	45.5	41.2	36.1	30.6
-17.5°	60.1	58.3	56.5	54.9	53.1	51.2	48.6	45.0	40.6	35.6	30.1
-20°	59.7	57.9	56.1	54.7	52.7	50.8	48.1	44.4	40.0	35.0	29.5



REPORT NUMBER: P558504 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	59.2	57.5	55.8	54.3	52.3	50.4	47.5	43.8	39.4	34.4	28.8
-25°	58.7	57.0	55.4	53.7	51.8	49.7	46.8	43.1	38.6	33.6	28.1
-27.5°	58.1	56.5	55.0	53.1	51.2	48.9	45.9	42.2	37.7	32.8	27.3
-30°	57.5	55.9	54.3	52.4	50.6	48.1	45.0	41.1	36.7	31.8	26.4
-32.5°	56.7	55.2	53.5	51.7	49.7	47.2	44.0	40.0	35.6	30.7	25.4
-35°	55.8	54.4	52.7	50.9	48.7	46.0	42.8	38.8	34.4	29.4	24.3
-37.5°	54.9	53.4	51.7	49.9	47.6	44.7	41.3	37.4	33.1	28.1	23.2
-40°	53.8	52.3	50.7	48.6	46.2	43.3	39.8	35.9	31.6	26.7	22.0
-42.5°	52.7	51.1	49.3	47.3	44.6	41.6	38.2	34.3	29.9	25.3	20.8
-45°	51.3	49.7	47.8	45.6	43.0	39.9	36.4	32.6	28.2	23.8	19.5
-47.5°	49.7	48.0	46.1	43.8	41.0	38.0	34.5	30.6	26.4	22.2	18.2
-50°	47.9	46.2	44.1	41.7	39.0	35.8	32.4	28.5	24.6	20.6	16.9
-52.5°	46.0	44.1	41.9	39.4	36.6	33.6	30.1	26.4	22.7	19.0	15.5
-55°	43.8	41.7	39.4	36.9	34.2	31.0	27.7	24.2	20.8	17.4	14.1
-57.5°	41.1	39.0	36.7	34.2	31.4	28.4	25.2	22.0	18.9	15.7	12.8
-60°	38.2	36.0	33.8	31.2	28.5	25.7	22.8	19.8	16.9	14.0	11.6
-62.5°	35.0	32.9	30.5	28.0	25.5	22.9	20.2	17.6	14.9	12.5	10.3
-65°	31.4	29.2	27.0	24.8	22.5	20.1	17.8	15.4	13.1	11.0	9.0
-67.5°	27.5	25.5	23.6	21.6	19.5	17.4	15.2	13.2	11.2	9.3	7.9
-70°	23.4	21.8	20.1	18.3	16.4	14.6	12.8	11.1	9.3	8.1	6.8
-72.5°	19.4	18.0	16.5	14.9	13.4	11.9	10.4	9.0	7.9	6.8	5.6
-75°	15.5	14.3	13.1	11.9	10.6	9.3	8.4	7.5	6.5	5.6	4.7
-77.5°	11.6	10.6	9.7	8.9	8.1	7.3	6.6	6.0	5.2	4.5	3.8
-80°	8.0	7.4	6.8	6.3	5.7	5.3	4.9	4.5	3.9	3.4	2.8
-82.5°	4.8	4.6	4.4	4.1	4.0	3.7	3.4	3.1	2.7	2.3	2.0
-85°	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
-87.5°	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.7	1.5	1.2	0.9	0.7	0.3	0.0
80°	2.3	2.0	1.6	1.3	0.9	0.4	0.0
77.5°	3.1	2.5	2.0	1.6	1.1	0.5	0.0
75°	3.9	3.2	2.5	1.9	1.3	0.6	0.0
72.5°	4.7	3.8	3.0	2.2	1.5	0.8	0.0
70°	5.5	4.5	3.5	2.5	1.7	0.9	0.0
67.5°	6.4	5.1	4.0	2.9	1.9	1.0	0.0
65°	7.4	5.8	4.5	3.3	2.1	1.1	0.0
62.5°	8.3	6.6	5.0	3.6	2.3	1.2	0.0
60°	9.2	7.3	5.5	4.0	2.5	1.2	0.0
57.5°	10.3	8.0	6.0	4.3	2.7	1.3	0.0
55°	11.3	8.7	6.6	4.7	3.0	1.4	0.0
52.5°	12.4	9.4	7.1	5.0	3.2	1.5	0.0
50°	13.4	10.3	7.6	5.3	3.4	1.6	0.0
47.5°	14.4	11.1	8.1	5.7	3.6	1.7	0.0
45°	15.5	11.9	8.6	6.0	3.8	1.8	0.0
42.5°	16.5	12.6	9.1	6.4	4.0	1.8	0.0
40°	17.5	13.3	9.6	6.7	4.1	1.9	0.0
37.5°	18.4	14.0	10.1	7.0	4.3	2.0	0.0
35°	19.3	14.7	10.6	7.3	4.5	2.0	0.0
32.5°	20.2	15.4	11.1	7.5	4.6	2.1	0.0
30°	21.0	16.0	11.6	7.8	4.8	2.2	0.0
27.5°	21.8	16.6	12.0	8.0	4.9	2.2	0.0
25°	22.5	17.1	12.3	8.2	5.0	2.3	0.0
22.5°	23.1	17.6	12.7	8.4	5.1	2.3	0.0
20°	23.7	18.1	13.0	8.5	5.2	2.3	0.0
17.5°	24.2	18.5	13.3	8.6	5.3	2.4	0.0
15°	24.7	18.8	13.5	8.8	5.4	2.4	0.0
12.5°	25.1	19.1	13.7	8.8	5.5	2.4	0.0
10°	25.4	19.4	13.9	8.9	5.5	2.5	0.0
7.5°	25.7	19.6	14.0	9.0	5.5	2.5	0.0
5°	25.9	19.7	14.1	9.0	5.6	2.5	0.0
2.5°	26.0	19.8	14.2	9.0	5.6	2.5	0.0
0°	26.0	19.8	14.2	9.0	5.6	2.5	0.0
-2.5°	26.0	19.8	14.2	9.0	5.6	2.5	0.0
-5°	25.9	19.7	14.1	9.0	5.6	2.5	0.0
-7.5°	25.7	19.6	14.0	9.0	5.5	2.5	0.0
-10°	25.4	19.4	13.9	8.9	5.5	2.5	0.0
-12.5°	25.1	19.1	13.7	8.8	5.5	2.4	0.0
-15°	24.7	18.8	13.5	8.8	5.4	2.4	0.0
-17.5°	24.2	18.5	13.3	8.6	5.3	2.4	0.0
-20°	23.7	18.1	13.0	8.5	5.2	2.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.1	17.6	12.7	8.4	5.1	2.3	0.0
-25°	22.5	17.1	12.3	8.2	5.0	2.3	0.0
-27.5°	21.8	16.6	12.0	8.0	4.9	2.2	0.0
-30°	21.0	16.0	11.6	7.8	4.8	2.2	0.0
-32.5°	20.2	15.4	11.1	7.5	4.6	2.1	0.0
-35°	19.3	14.7	10.6	7.3	4.5	2.0	0.0
-37.5°	18.4	14.0	10.1	7.0	4.3	2.0	0.0
-40°	17.5	13.3	9.6	6.7	4.1	1.9	0.0
-42.5°	16.5	12.6	9.1	6.4	4.0	1.8	0.0
-45°	15.5	11.9	8.6	6.0	3.8	1.8	0.0
-47.5°	14.4	11.1	8.1	5.7	3.6	1.7	0.0
-50°	13.4	10.3	7.6	5.3	3.4	1.6	0.0
-52.5°	12.4	9.4	7.1	5.0	3.2	1.5	0.0
-55°	11.3	8.7	6.6	4.7	3.0	1.4	0.0
-57.5°	10.3	8.0	6.0	4.3	2.7	1.3	0.0
-60°	9.2	7.3	5.5	4.0	2.5	1.2	0.0
-62.5°	8.3	6.6	5.0	3.6	2.3	1.2	0.0
-65°	7.4	5.8	4.5	3.3	2.1	1.1	0.0
-67.5°	6.4	5.1	4.0	2.9	1.9	1.0	0.0
-70°	5.5	4.5	3.5	2.5	1.7	0.9	0.0
-72.5°	4.7	3.8	3.0	2.2	1.5	0.8	0.0
-75°	3.9	3.2	2.5	1.9	1.3	0.6	0.0
-77.5°	3.1	2.5	2.0	1.6	1.1	0.5	0.0
-80°	2.3	2.0	1.6	1.3	0.9	0.4	0.0
-82.5°	1.7	1.5	1.2	0.9	0.7	0.3	0.0
-85°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)