

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: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-930-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1C-930-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

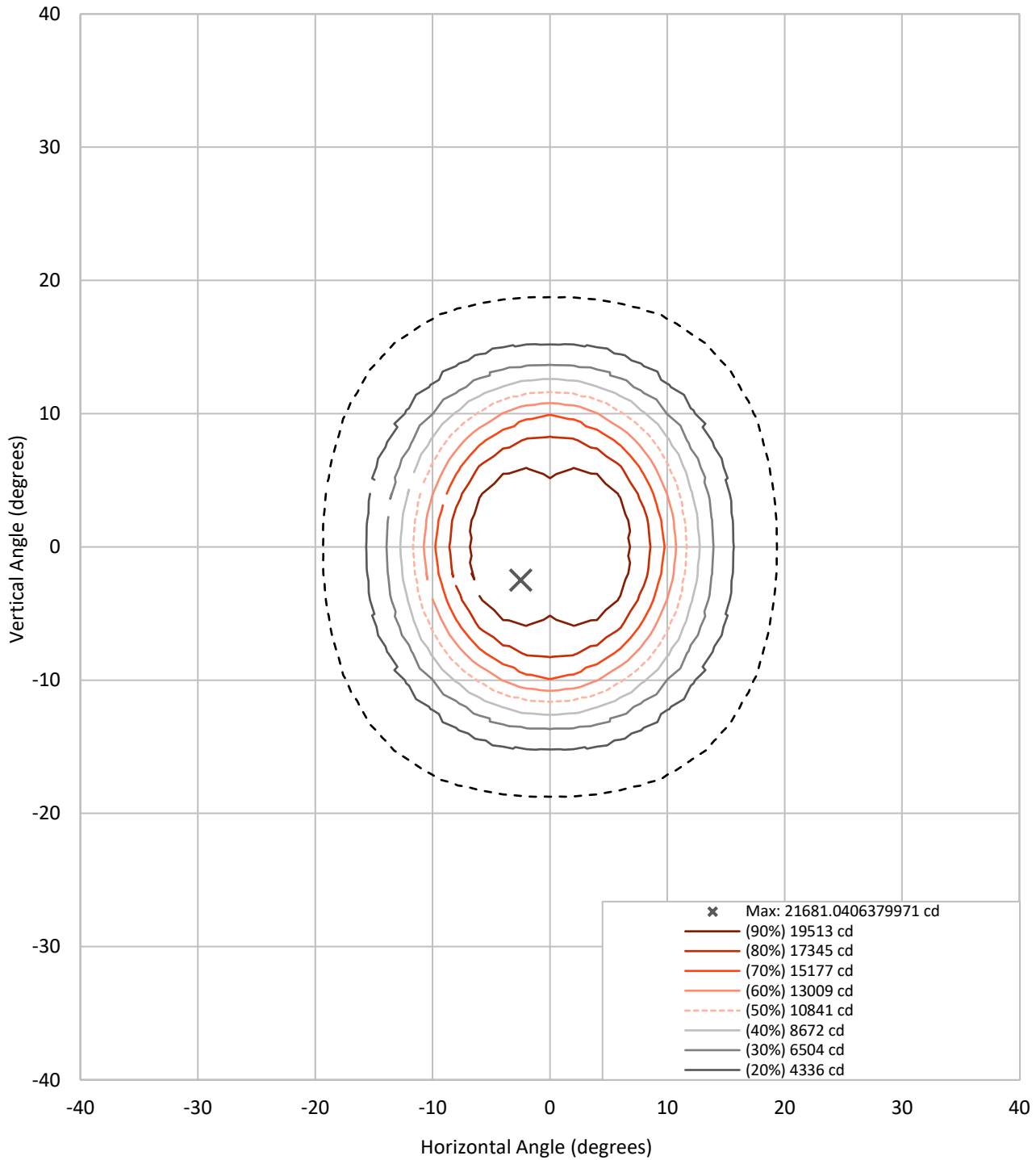
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4099.9 lumens	Max Intensity:	21681 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	93.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2213.4 lumens	Field Lumens:	3337.9 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 44  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





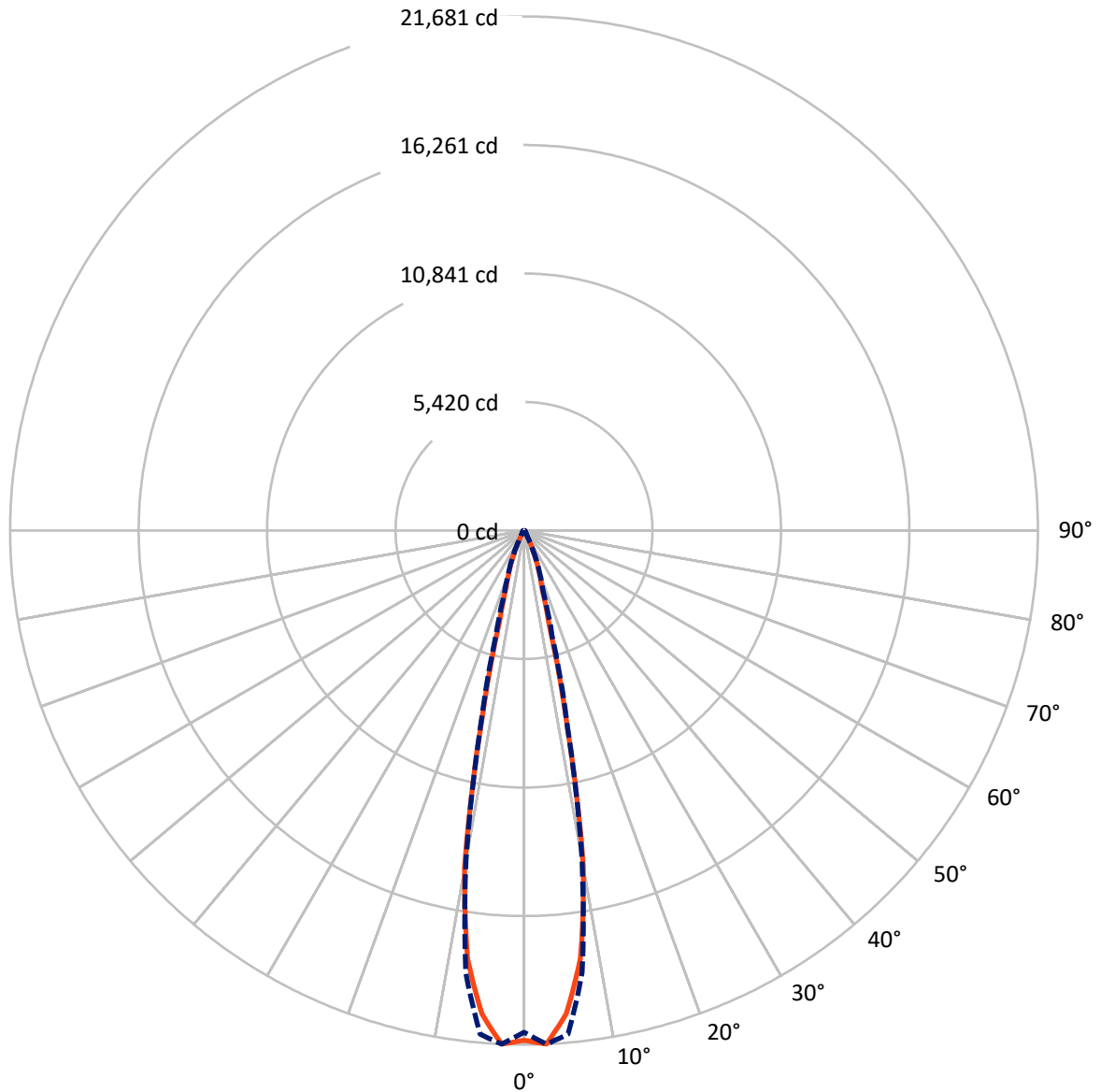
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### Lumen Table

90	0.1	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.1
80	0.1	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.1
70	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
60		0.3	0.7	1.0	1.4	1.6	1.8	1.9	1.9	1.8	1.6	1.4	1.0	0.7	0.3	
50	0.3	0.4	0.8	1.2	1.6	1.9	2.2	2.4	2.4	2.2	1.9	1.6	1.2	0.8	0.4	0.3
40		0.5	1.0	1.4	1.9	2.5	3.4	4.0	4.0	3.4	2.5	1.9	1.4	1.0	0.5	
30	0.5	0.6	1.0	1.5	2.3	4.2	12.6	24.5	24.5	12.6	4.2	2.3	1.5	1.0	0.6	0.5
20		0.6	1.1	1.6	2.9	12.4	57.4	147.6	147.6	57.4	12.4	2.9	1.6	1.1	0.6	
10	0.5	0.6	1.1	1.7	3.5	24.2	149.5	528.1	528.1	149.5	24.2	3.5	1.7	1.1	0.6	0.5
0		0.6	1.1	1.7	3.5	24.2	149.5	528.1	528.1	149.5	24.2	3.5	1.7	1.1	0.6	
-10	0.5	0.6	1.1	1.7	3.5	24.2	149.5	528.1	528.1	149.5	24.2	3.5	1.7	1.1	0.6	0.5
-20		0.6	1.1	1.6	2.9	12.4	57.4	147.6	147.6	57.4	12.4	2.9	1.6	1.1	0.6	
-30	0.3	0.5	1.0	1.4	1.9	2.5	3.4	4.0	4.0	3.4	2.5	1.9	1.4	1.0	0.5	0.3
-40		0.4	0.8	1.2	1.6	1.9	2.2	2.4	2.4	2.2	1.9	1.6	1.2	0.8	0.4	
-50	0.2	0.3	0.7	1.0	1.4	1.6	1.8	1.9	1.9	1.8	1.6	1.4	1.0	0.7	0.3	0.2
-60		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	
-70	0.1	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.1
-80		0.4		1.1		1.8		2.1		1.8		1.1		0.4		
-90	0.1	0.4		1.1		1.8		2.1		1.8		1.1		0.4		0.1

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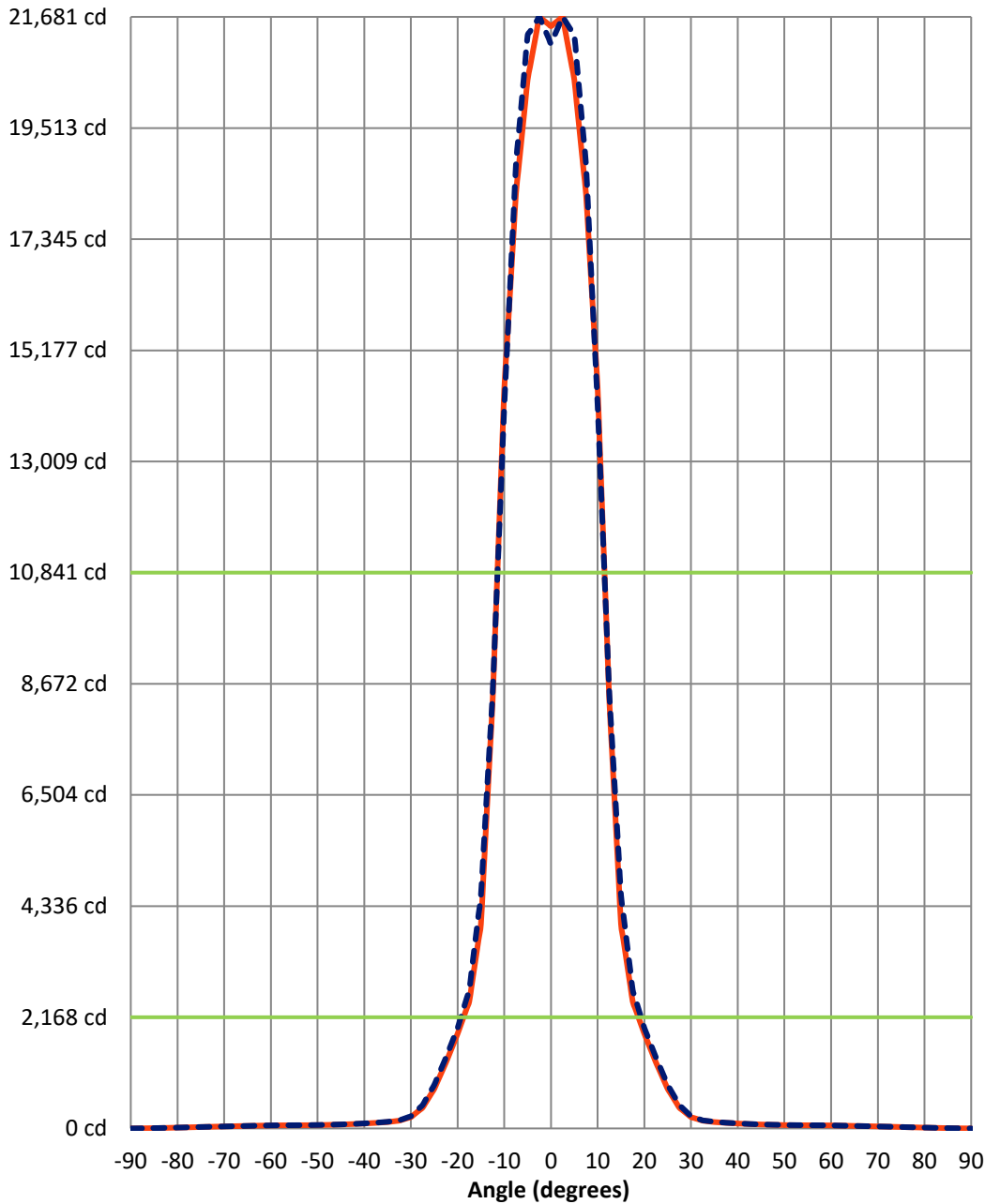
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 2213.4  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 3337.9  
Efficiency: 81.4%

**Spill:**  
Lumens: 762  
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
- - Horizontal Distribution through -2.5-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	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.3
80°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.0	3.6	4.2	4.9
77.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.3	4.1	4.8	5.6	6.5
75°	0.0	0.6	1.2	1.8	2.4	3.3	4.2	5.1	6.1	7.2	8.3
72.5°	0.0	0.7	1.4	2.1	3.0	4.1	5.1	6.2	7.5	8.8	10.1
70°	0.0	0.8	1.6	2.4	3.6	4.8	6.0	7.5	9.0	10.4	12.1
67.5°	0.0	0.9	1.8	2.8	4.2	5.5	7.1	8.8	10.4	12.4	14.2
65°	0.0	1.0	1.9	3.3	4.8	6.4	8.2	10.0	12.1	14.2	16.4
62.5°	0.0	1.1	2.1	3.7	5.4	7.2	9.2	11.4	13.8	16.1	18.6
60°	0.0	1.1	2.3	4.2	6.0	8.1	10.3	12.8	15.4	18.1	20.8
57.5°	0.0	1.2	2.6	4.6	6.6	8.9	11.4	14.2	17.1	20.0	22.9
55°	0.0	1.3	2.9	5.0	7.3	9.7	12.6	15.6	18.7	21.9	25.0
52.5°	0.0	1.4	3.1	5.4	7.9	10.6	13.7	17.0	20.4	23.7	27.0
50°	0.0	1.5	3.4	5.8	8.5	11.5	14.8	18.4	22.0	25.5	29.0
47.5°	0.0	1.6	3.6	6.2	9.1	12.3	15.9	19.7	23.5	27.2	31.0
45°	0.0	1.6	3.9	6.6	9.6	13.2	17.0	21.1	24.9	28.9	33.0
42.5°	0.0	1.7	4.1	7.0	10.1	14.0	18.1	22.3	26.3	30.6	34.7
40°	0.0	1.8	4.3	7.4	10.7	14.7	19.2	23.5	27.7	32.3	36.3
37.5°	0.0	1.8	4.5	7.7	11.3	15.5	20.2	24.6	29.1	33.8	37.8
35°	0.0	1.9	4.7	8.1	11.8	16.2	21.1	25.7	30.4	35.0	39.3
32.5°	0.0	1.9	4.9	8.4	12.4	17.0	22.0	26.7	31.6	36.2	40.7
30°	0.0	2.0	5.1	8.7	12.8	17.7	22.8	27.7	32.7	37.3	42.0
27.5°	0.0	2.0	5.2	8.9	13.3	18.3	23.6	28.6	33.7	38.4	43.2
25°	0.0	2.1	5.4	9.2	13.7	18.9	24.3	29.4	34.6	39.3	44.2
22.5°	0.0	2.1	5.5	9.4	14.1	19.5	24.9	30.2	35.4	40.2	45.2
20°	0.0	2.2	5.6	9.6	14.5	20.0	25.5	30.9	36.0	41.0	46.0
17.5°	0.0	2.2	5.7	9.8	14.8	20.5	26.0	31.5	36.7	41.6	46.7
15°	0.0	2.2	5.8	10.0	15.1	20.9	26.4	32.0	37.2	42.1	47.3
12.5°	0.0	2.2	5.9	10.1	15.4	21.2	26.8	32.4	37.7	42.6	47.8
10°	0.0	2.3	6.0	10.2	15.6	21.4	27.1	32.8	38.0	43.0	48.2
7.5°	0.0	2.3	6.0	10.3	15.8	21.6	27.3	33.0	38.3	43.4	48.5
5°	0.0	2.3	6.1	10.4	15.9	21.8	27.5	33.2	38.5	43.7	48.7
2.5°	0.0	2.3	6.1	10.4	16.0	21.9	27.6	33.4	38.7	44.0	48.7
0°	0.0	2.3	6.1	10.4	16.1	21.9	27.6	33.4	38.7	44.1	48.7
-2.5°	0.0	2.3	6.1	10.4	16.1	21.9	27.6	33.4	38.7	44.1	48.7
-5°	0.0	2.3	6.1	10.4	15.9	21.8	27.5	33.2	38.5	43.7	48.7
-7.5°	0.0	2.3	6.0	10.3	15.8	21.6	27.3	33.0	38.3	43.4	48.5
-10°	0.0	2.3	6.0	10.2	15.6	21.4	27.1	32.8	38.0	43.0	48.2
-12.5°	0.0	2.2	5.9	10.1	15.4	21.2	26.8	32.4	37.7	42.6	47.8
-15°	0.0	2.2	5.8	10.0	15.1	20.9	26.4	32.0	37.2	42.1	47.3
-17.5°	0.0	2.2	5.7	9.8	14.8	20.5	26.0	31.5	36.7	41.6	46.7
-20°	0.0	2.2	5.6	9.6	14.5	20.0	25.5	30.9	36.0	41.0	46.0



REPORT NUMBER: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	5.5	9.4	14.1	19.5	24.9	30.2	35.4	40.2	45.2
-25°	0.0	2.1	5.4	9.2	13.7	18.9	24.3	29.4	34.6	39.3	44.2
-27.5°	0.0	2.0	5.2	8.9	13.3	18.3	23.6	28.6	33.7	38.4	43.2
-30°	0.0	2.0	5.1	8.7	12.8	17.7	22.8	27.7	32.7	37.3	42.0
-32.5°	0.0	1.9	4.9	8.4	12.4	17.0	22.0	26.7	31.6	36.2	40.7
-35°	0.0	1.9	4.7	8.1	11.8	16.2	21.1	25.7	30.4	35.0	39.3
-37.5°	0.0	1.8	4.5	7.7	11.3	15.5	20.2	24.6	29.1	33.8	37.8
-40°	0.0	1.8	4.3	7.4	10.7	14.7	19.2	23.5	27.7	32.3	36.3
-42.5°	0.0	1.7	4.1	7.0	10.1	14.0	18.1	22.3	26.3	30.6	34.7
-45°	0.0	1.6	3.9	6.6	9.6	13.2	17.0	21.1	24.9	28.9	33.0
-47.5°	0.0	1.6	3.6	6.2	9.1	12.3	15.9	19.7	23.5	27.2	31.0
-50°	0.0	1.5	3.4	5.8	8.5	11.5	14.8	18.4	22.0	25.5	29.0
-52.5°	0.0	1.4	3.1	5.4	7.9	10.6	13.7	17.0	20.4	23.7	27.0
-55°	0.0	1.3	2.9	5.0	7.3	9.7	12.6	15.6	18.7	21.9	25.0
-57.5°	0.0	1.2	2.6	4.6	6.6	8.9	11.4	14.2	17.1	20.0	22.9
-60°	0.0	1.1	2.3	4.2	6.0	8.1	10.3	12.8	15.4	18.1	20.8
-62.5°	0.0	1.1	2.1	3.7	5.4	7.2	9.2	11.4	13.8	16.1	18.6
-65°	0.0	1.0	1.9	3.3	4.8	6.4	8.2	10.0	12.1	14.2	16.4
-67.5°	0.0	0.9	1.8	2.8	4.2	5.5	7.1	8.8	10.4	12.4	14.2
-70°	0.0	0.8	1.6	2.4	3.6	4.8	6.0	7.5	9.0	10.4	12.1
-72.5°	0.0	0.7	1.4	2.1	3.0	4.1	5.1	6.2	7.5	8.8	10.1
-75°	0.0	0.6	1.2	1.8	2.4	3.3	4.2	5.1	6.1	7.2	8.3
-77.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.3	4.1	4.8	5.6	6.5
-80°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.0	3.6	4.2	4.9
-82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.8	3.3
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	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):**

	-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°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	2.1	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.1	4.3
82.5°	3.7	4.1	4.5	4.8	5.1	5.4	5.6	6.0	6.5	7.0	7.4
80°	5.4	5.9	6.5	7.1	7.7	8.3	8.9	9.5	10.0	10.5	11.1
77.5°	7.3	8.1	8.9	9.7	10.6	11.5	12.3	13.2	13.9	14.7	15.4
75°	9.3	10.3	11.4	12.6	13.7	14.8	15.9	17.0	18.0	19.0	20.0
72.5°	11.4	12.8	14.2	15.6	17.0	18.5	19.8	21.0	22.3	23.6	24.8
70°	13.8	15.4	17.1	18.9	20.7	22.2	23.8	25.4	27.0	28.3	29.5
67.5°	16.1	18.1	20.2	22.2	24.1	25.9	27.8	29.5	31.2	32.6	33.9
65°	18.6	20.9	23.1	25.3	27.4	29.5	31.5	33.4	35.2	36.8	38.4
62.5°	21.1	23.5	25.9	28.3	30.8	33.1	35.3	37.3	39.3	41.0	42.7
60°	23.4	26.1	28.7	31.4	34.1	36.6	38.9	41.0	43.0	44.9	46.6
57.5°	25.8	28.6	31.5	34.4	37.2	39.9	42.3	44.5	46.6	48.5	50.3
55°	28.0	31.1	34.2	37.3	40.2	43.0	45.5	47.8	49.9	51.7	53.4
52.5°	30.3	33.5	36.8	40.0	43.0	45.9	48.5	50.7	52.7	54.5	56.0
50°	32.6	35.9	39.2	42.5	45.6	48.5	51.1	53.3	55.2	56.8	58.2
47.5°	34.7	38.1	41.5	44.9	48.0	50.9	53.5	55.5	57.3	58.8	60.1
45°	36.6	40.3	43.8	47.1	50.3	53.1	55.5	57.5	59.2	60.7	62.0
42.5°	38.5	42.3	45.9	49.2	52.3	55.0	57.3	59.3	61.0	62.5	63.9
40°	40.3	44.3	47.9	51.1	54.2	56.8	58.9	60.9	62.6	64.3	65.9
37.5°	42.1	46.1	49.8	53.1	55.8	58.3	60.5	62.4	64.3	66.1	68.3
35°	43.8	47.9	51.6	54.8	57.5	59.7	61.9	64.0	66.2	68.5	71.1
32.5°	45.4	49.6	53.3	56.3	58.8	61.0	63.3	65.9	68.5	71.1	74.2
30°	46.8	51.1	54.8	57.6	60.0	62.2	64.9	67.8	70.9	73.9	77.5
27.5°	48.0	52.5	56.0	58.7	61.0	63.1	66.1	69.9	73.2	76.5	80.4
25°	49.1	53.6	57.1	59.6	61.8	64.1	67.2	71.1	75.2	78.8	84.3
22.5°	50.1	54.6	58.1	60.5	62.4	64.8	68.0	71.8	76.1	80.6	88.2
20°	50.9	55.4	58.9	61.1	62.8	65.4	68.5	72.4	77.1	83.6	92.0
17.5°	51.7	56.2	59.6	61.6	63.4	65.8	68.6	72.7	78.2	86.3	95.5
15°	52.3	56.9	60.1	62.0	63.8	66.2	69.3	73.5	79.9	88.8	98.7
12.5°	52.8	57.6	60.5	62.3	64.1	66.5	69.9	74.8	81.9	91.3	102.3
10°	53.2	58.3	60.9	62.5	64.2	66.7	70.5	75.8	83.5	93.6	105.4
7.5°	53.6	58.8	61.2	62.7	64.2	66.8	71.0	76.5	84.7	95.5	108.1
5°	53.9	59.1	61.4	62.8	64.2	66.8	71.3	77.0	85.5	97.0	110.0
2.5°	54.0	59.3	61.6	62.9	64.1	66.8	71.6	77.7	86.5	98.1	111.2
0°	54.1	59.4	61.7	62.9	64.0	66.7	71.7	78.2	87.1	98.6	111.6
-2.5°	54.0	59.3	61.6	62.9	64.1	66.8	71.6	77.7	86.5	98.1	111.2
-5°	53.9	59.1	61.4	62.8	64.2	66.8	71.3	77.0	85.5	97.0	110.0
-7.5°	53.6	58.8	61.2	62.7	64.2	66.8	71.0	76.5	84.7	95.5	108.1
-10°	53.2	58.3	60.9	62.5	64.2	66.7	70.5	75.8	83.5	93.6	105.4
-12.5°	52.8	57.6	60.5	62.3	64.1	66.5	69.9	74.8	81.9	91.3	102.3
-15°	52.3	56.9	60.1	62.0	63.8	66.2	69.3	73.5	79.9	88.8	98.7
-17.5°	51.7	56.2	59.6	61.6	63.4	65.8	68.6	72.7	78.2	86.3	95.5
-20°	50.9	55.4	58.9	61.1	62.8	65.4	68.5	72.4	77.1	83.6	92.0



REPORT NUMBER: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	50.1	54.6	58.1	60.5	62.4	64.8	68.0	71.8	76.1	80.6	88.2
-25°	49.1	53.6	57.1	59.6	61.8	64.1	67.2	71.1	75.2	78.8	84.3
-27.5°	48.0	52.5	56.0	58.7	61.0	63.1	66.1	69.9	73.2	76.5	80.4
-30°	46.8	51.1	54.8	57.6	60.0	62.2	64.9	67.8	70.9	73.9	77.5
-32.5°	45.4	49.6	53.3	56.3	58.8	61.0	63.3	65.9	68.5	71.1	74.2
-35°	43.8	47.9	51.6	54.8	57.5	59.7	61.9	64.0	66.2	68.5	71.1
-37.5°	42.1	46.1	49.8	53.1	55.8	58.3	60.5	62.4	64.3	66.1	68.3
-40°	40.3	44.3	47.9	51.1	54.2	56.8	58.9	60.9	62.6	64.3	65.9
-42.5°	38.5	42.3	45.9	49.2	52.3	55.0	57.3	59.3	61.0	62.5	63.9
-45°	36.6	40.3	43.8	47.1	50.3	53.1	55.5	57.5	59.2	60.7	62.0
-47.5°	34.7	38.1	41.5	44.9	48.0	50.9	53.5	55.5	57.3	58.8	60.1
-50°	32.6	35.9	39.2	42.5	45.6	48.5	51.1	53.3	55.2	56.8	58.2
-52.5°	30.3	33.5	36.8	40.0	43.0	45.9	48.5	50.7	52.7	54.5	56.0
-55°	28.0	31.1	34.2	37.3	40.2	43.0	45.5	47.8	49.9	51.7	53.4
-57.5°	25.8	28.6	31.5	34.4	37.2	39.9	42.3	44.5	46.6	48.5	50.3
-60°	23.4	26.1	28.7	31.4	34.1	36.6	38.9	41.0	43.0	44.9	46.6
-62.5°	21.1	23.5	25.9	28.3	30.8	33.1	35.3	37.3	39.3	41.0	42.7
-65°	18.6	20.9	23.1	25.3	27.4	29.5	31.5	33.4	35.2	36.8	38.4
-67.5°	16.1	18.1	20.2	22.2	24.1	25.9	27.8	29.5	31.2	32.6	33.9
-70°	13.8	15.4	17.1	18.9	20.7	22.2	23.8	25.4	27.0	28.3	29.5
-72.5°	11.4	12.8	14.2	15.6	17.0	18.5	19.8	21.0	22.3	23.6	24.8
-75°	9.3	10.3	11.4	12.6	13.7	14.8	15.9	17.0	18.0	19.0	20.0
-77.5°	7.3	8.1	8.9	9.7	10.6	11.5	12.3	13.2	13.9	14.7	15.4
-80°	5.4	5.9	6.5	7.1	7.7	8.3	8.9	9.5	10.0	10.5	11.1
-82.5°	3.7	4.1	4.5	4.8	5.1	5.4	5.6	6.0	6.5	7.0	7.4
-85°	2.1	2.3	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.1	4.3
-87.5°	1.1	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	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: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-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°	1.9	1.9	1.8	1.8	1.7	1.8	2.0	2.1	2.2	2.2	2.3
85°	4.5	4.7	4.8	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8
82.5°	7.7	8.0	8.3	8.6	8.8	9.1	9.4	9.7	9.9	10.1	10.2
80°	11.6	12.1	12.5	12.9	13.3	13.8	14.2	14.6	15.0	15.2	15.4
77.5°	16.2	16.8	17.4	18.0	18.6	19.1	19.5	19.9	20.2	20.5	20.9
75°	20.9	21.8	22.6	23.3	23.9	24.5	25.0	25.5	25.9	26.3	26.6
72.5°	25.8	26.8	27.7	28.5	29.2	30.0	30.7	31.3	31.9	32.3	32.7
70°	30.6	31.7	32.8	33.8	34.7	35.5	36.2	36.9	37.5	38.0	38.4
67.5°	35.2	36.4	37.6	38.7	39.7	40.6	41.5	42.3	43.0	43.6	43.9
65°	39.8	41.1	42.4	43.6	44.6	45.6	46.5	47.4	48.1	48.6	48.9
62.5°	44.3	45.7	47.0	48.2	49.3	50.3	51.1	51.9	52.6	53.2	53.5
60°	48.3	49.8	51.0	52.1	53.2	54.1	54.9	55.7	56.5	57.1	57.6
57.5°	51.8	53.2	54.4	55.4	56.3	57.2	58.0	58.6	59.2	59.6	59.9
55°	54.8	56.0	57.2	58.2	59.0	59.7	60.3	60.8	61.1	61.4	61.6
52.5°	57.4	58.6	59.7	60.7	61.3	61.9	62.4	63.0	63.3	63.3	63.3
50°	59.5	60.7	61.8	62.6	63.5	64.5	65.5	66.0	66.2	66.0	65.9
47.5°	61.4	62.6	63.8	64.9	66.1	67.7	69.4	70.2	70.1	69.7	69.5
45°	63.3	64.6	66.0	67.6	69.4	71.5	73.4	74.6	74.6	74.6	74.9
42.5°	65.3	66.9	68.7	71.0	73.3	75.6	77.7	79.2	80.3	81.7	82.8
40°	67.7	69.5	72.2	75.0	78.0	80.5	83.7	86.4	88.7	90.7	92.3
37.5°	70.5	73.2	76.6	80.2	84.1	88.0	91.7	95.1	98.1	101.5	104.0
35°	74.0	77.7	81.9	86.4	91.2	96.2	100.9	106.4	111.3	115.6	119.1
32.5°	78.0	82.5	87.6	93.6	99.6	106.1	113.0	120.0	126.8	133.9	141.0
30°	82.0	87.9	94.5	101.7	108.8	117.3	126.2	137.8	149.9	163.7	184.9
27.5°	86.8	93.9	101.6	109.9	119.7	130.6	147.7	169.1	205.5	232.8	305.9
25°	91.6	99.7	109.6	120.4	133.4	153.4	194.4	241.9	347.5	446.5	560.7
22.5°	96.4	106.5	118.3	131.5	154.2	205.6	283.8	426.9	590.1	763.4	939.8
20°	101.3	113.2	128.0	150.0	197.6	285.6	460.9	690.8	922.8	1206.2	1451.2
17.5°	106.8	121.5	140.9	173.9	252.3	440.9	700.3	1019.3	1378.3	1742.6	2048.5
15°	111.3	128.6	154.4	219.1	367.1	617.4	956.8	1389.2	1878.6	2339.2	2732.0
12.5°	116.3	136.4	170.4	255.7	473.0	802.0	1249.4	1781.5	2368.6	2999.7	3998.9
10°	121.0	144.3	197.3	331.7	595.1	988.6	1511.4	2111.0	2823.1	4086.5	6448.3
7.5°	124.9	150.6	217.4	388.4	705.6	1164.7	1725.0	2392.7	3463.2	5585.9	9560.4
5°	127.5	154.7	231.5	430.9	793.7	1294.5	1861.6	2578.2	4116.4	7418.8	12204.4
2.5°	129.4	157.0	239.0	455.6	849.3	1380.5	1958.3	2703.0	4554.9	8479.0	14085.9
0°	130.8	157.6	240.4	477.1	868.2	1409.7	1963.0	2736.5	4705.3	8892.9	14756.4
-2.5°	129.4	157.0	239.0	455.6	849.3	1380.5	1958.3	2703.0	4554.9	8479.0	14085.9
-5°	127.5	154.7	231.5	430.9	793.7	1294.5	1861.6	2578.2	4116.4	7418.8	12204.4
-7.5°	124.9	150.6	217.4	388.4	705.6	1164.7	1725.0	2392.7	3463.2	5585.9	9560.4
-10°	121.0	144.3	197.3	331.7	595.1	988.6	1511.4	2111.0	2823.1	4086.5	6448.3
-12.5°	116.3	136.4	170.4	255.7	473.0	802.0	1249.4	1781.5	2368.6	2999.7	3998.9
-15°	111.3	128.6	154.4	219.1	367.1	617.4	956.8	1389.2	1878.6	2339.2	2732.0
-17.5°	106.8	121.5	140.9	173.9	252.3	440.9	700.3	1019.3	1378.3	1742.6	2048.5
-20°	101.3	113.2	128.0	150.0	197.6	285.6	460.9	690.8	922.8	1206.2	1451.2



REPORT NUMBER: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	96.4	106.5	118.3	131.5	154.2	205.6	283.8	426.9	590.1	763.4	939.8
-25°	91.6	99.7	109.6	120.4	133.4	153.4	194.4	241.9	347.5	446.5	560.7
-27.5°	86.8	93.9	101.6	109.9	119.7	130.6	147.7	169.1	205.5	232.8	305.9
-30°	82.0	87.9	94.5	101.7	108.8	117.3	126.2	137.8	149.9	163.7	184.9
-32.5°	78.0	82.5	87.6	93.6	99.6	106.1	113.0	120.0	126.8	133.9	141.0
-35°	74.0	77.7	81.9	86.4	91.2	96.2	100.9	106.4	111.3	115.6	119.1
-37.5°	70.5	73.2	76.6	80.2	84.1	88.0	91.7	95.1	98.1	101.5	104.0
-40°	67.7	69.5	72.2	75.0	78.0	80.5	83.7	86.4	88.7	90.7	92.3
-42.5°	65.3	66.9	68.7	71.0	73.3	75.6	77.7	79.2	80.3	81.7	82.8
-45°	63.3	64.6	66.0	67.6	69.4	71.5	73.4	74.6	74.6	74.6	74.9
-47.5°	61.4	62.6	63.8	64.9	66.1	67.7	69.4	70.2	70.1	69.7	69.5
-50°	59.5	60.7	61.8	62.6	63.5	64.5	65.5	66.0	66.2	66.0	65.9
-52.5°	57.4	58.6	59.7	60.7	61.3	61.9	62.4	63.0	63.3	63.3	63.3
-55°	54.8	56.0	57.2	58.2	59.0	59.7	60.3	60.8	61.1	61.4	61.6
-57.5°	51.8	53.2	54.4	55.4	56.3	57.2	58.0	58.6	59.2	59.6	59.9
-60°	48.3	49.8	51.0	52.1	53.2	54.1	54.9	55.7	56.5	57.1	57.6
-62.5°	44.3	45.7	47.0	48.2	49.3	50.3	51.1	51.9	52.6	53.2	53.5
-65°	39.8	41.1	42.4	43.6	44.6	45.6	46.5	47.4	48.1	48.6	48.9
-67.5°	35.2	36.4	37.6	38.7	39.7	40.6	41.5	42.3	43.0	43.6	43.9
-70°	30.6	31.7	32.8	33.8	34.7	35.5	36.2	36.9	37.5	38.0	38.4
-72.5°	25.8	26.8	27.7	28.5	29.2	30.0	30.7	31.3	31.9	32.3	32.7
-75°	20.9	21.8	22.6	23.3	23.9	24.5	25.0	25.5	25.9	26.3	26.6
-77.5°	16.2	16.8	17.4	18.0	18.6	19.1	19.5	19.9	20.2	20.5	20.9
-80°	11.6	12.1	12.5	12.9	13.3	13.8	14.2	14.6	15.0	15.2	15.4
-82.5°	7.7	8.0	8.3	8.6	8.8	9.1	9.4	9.7	9.9	10.1	10.2
-85°	4.5	4.7	4.8	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8
-87.5°	1.9	1.9	1.8	1.8	1.7	1.8	2.0	2.1	2.2	2.2	2.3
-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: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1
85°	6.0	6.1	5.9	5.8	5.9	6.1	6.0	5.8	5.7	5.6	5.5
82.5°	10.3	10.4	10.4	10.4	10.4	10.4	10.3	10.2	10.1	9.9	9.7
80°	15.5	15.6	15.9	16.1	15.9	15.6	15.5	15.4	15.2	15.0	14.6
77.5°	21.1	21.4	21.5	21.5	21.5	21.4	21.1	20.9	20.5	20.2	19.9
75°	26.9	27.1	27.6	28.0	27.6	27.1	26.9	26.6	26.3	25.9	25.5
72.5°	33.0	33.2	33.5	33.7	33.5	33.2	33.0	32.7	32.3	31.9	31.3
70°	38.7	38.9	39.1	39.1	39.1	38.9	38.7	38.4	38.0	37.5	36.9
67.5°	44.2	44.3	44.3	44.1	44.3	44.3	44.2	43.9	43.6	43.0	42.3
65°	49.2	49.3	49.3	49.1	49.3	49.3	49.2	48.9	48.6	48.1	47.4
62.5°	53.8	53.9	54.0	54.1	54.0	53.9	53.8	53.5	53.2	52.6	51.9
60°	58.1	58.4	58.6	58.7	58.6	58.4	58.1	57.6	57.1	56.5	55.7
57.5°	60.2	60.5	60.6	60.6	60.6	60.5	60.2	59.9	59.6	59.2	58.6
55°	61.7	61.7	61.6	61.4	61.6	61.7	61.7	61.6	61.4	61.1	60.8
52.5°	63.2	63.0	62.9	62.9	62.9	63.0	63.2	63.3	63.3	63.3	63.0
50°	65.7	65.3	65.2	65.2	65.2	65.3	65.7	65.9	66.0	66.2	66.0
47.5°	69.8	69.9	70.1	70.2	70.1	69.9	69.8	69.5	69.7	70.1	70.2
45°	75.7	76.2	76.6	76.7	76.6	76.2	75.7	74.9	74.6	74.6	74.6
42.5°	83.9	84.6	84.8	84.7	84.8	84.6	83.9	82.8	81.7	80.3	79.2
40°	93.9	95.2	95.9	95.9	95.9	95.2	93.9	92.3	90.7	88.7	86.4
37.5°	106.2	107.9	108.8	108.5	108.8	107.9	106.2	104.0	101.5	98.1	95.1
35°	121.8	123.5	124.2	125.0	124.2	123.5	121.8	119.1	115.6	111.3	106.4
32.5°	146.6	150.1	151.4	149.6	151.4	150.1	146.6	141.0	133.9	126.8	120.0
30°	199.3	212.0	220.5	224.7	220.5	212.0	199.3	184.9	163.7	149.9	137.8
27.5°	356.3	389.6	403.7	411.5	403.7	389.6	356.3	305.9	232.8	205.5	169.1
25°	658.6	729.7	770.7	767.3	770.7	729.7	658.6	560.7	446.5	347.5	241.9
22.5°	1103.8	1216.0	1283.3	1308.1	1283.3	1216.0	1103.8	939.8	763.4	590.1	426.9
20°	1655.8	1781.6	1847.3	1857.2	1847.3	1781.6	1655.8	1451.2	1206.2	922.8	690.8
17.5°	2289.2	2408.5	2477.7	2476.9	2477.7	2408.5	2289.2	2048.5	1742.6	1378.3	1019.3
15°	3267.1	3728.7	3989.1	3951.0	3989.1	3728.7	3267.1	2732.0	2339.2	1878.6	1389.2
12.5°	5353.4	7197.2	8340.9	8623.3	8340.9	7197.2	5353.4	3998.9	2999.7	2368.6	1781.5
10°	9460.1	12218.6	14421.5	15058.2	14421.5	12218.6	9460.1	6448.3	4086.5	2823.1	2111.0
7.5°	13607.7	16881.5	18228.9	18385.5	18228.9	16881.5	13607.7	9560.4	5585.9	3463.2	2392.7
5°	16738.3	20069.6	20455.2	19486.6	20455.2	20069.6	16738.3	12204.4	7418.8	4116.4	2578.2
2.5°	18804.8	21321.6	21681.0	21159.8	21681.0	21321.6	18804.8	14085.9	8479.0	4554.9	2703.0
0°	19276.0	20988.7	21499.3	21555.1	21499.3	20988.7	19276.0	14756.4	8892.9	4705.3	2736.5
-2.5°	18804.8	21321.6	21681.0	21159.8	21681.0	21321.6	18804.8	14085.9	8479.0	4554.9	2703.0
-5°	16738.3	20069.6	20455.2	19486.6	20455.2	20069.6	16738.3	12204.4	7418.8	4116.4	2578.2
-7.5°	13607.7	16881.5	18228.9	18385.5	18228.9	16881.5	13607.7	9560.4	5585.9	3463.2	2392.7
-10°	9460.1	12218.6	14421.5	15058.2	14421.5	12218.6	9460.1	6448.3	4086.5	2823.1	2111.0
-12.5°	5353.4	7197.2	8340.9	8623.3	8340.9	7197.2	5353.4	3998.9	2999.7	2368.6	1781.5
-15°	3267.1	3728.7	3989.1	3951.0	3989.1	3728.7	3267.1	2732.0	2339.2	1878.6	1389.2
-17.5°	2289.2	2408.5	2477.7	2476.9	2477.7	2408.5	2289.2	2048.5	1742.6	1378.3	1019.3
-20°	1655.8	1781.6	1847.3	1857.2	1847.3	1781.6	1655.8	1451.2	1206.2	922.8	690.8



REPORT NUMBER: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1103.8	1216.0	1283.3	1308.1	1283.3	1216.0	1103.8	939.8	763.4	590.1	426.9
-25°	658.6	729.7	770.7	767.3	770.7	729.7	658.6	560.7	446.5	347.5	241.9
-27.5°	356.3	389.6	403.7	411.5	403.7	389.6	356.3	305.9	232.8	205.5	169.1
-30°	199.3	212.0	220.5	224.7	220.5	212.0	199.3	184.9	163.7	149.9	137.8
-32.5°	146.6	150.1	151.4	149.6	151.4	150.1	146.6	141.0	133.9	126.8	120.0
-35°	121.8	123.5	124.2	125.0	124.2	123.5	121.8	119.1	115.6	111.3	106.4
-37.5°	106.2	107.9	108.8	108.5	108.8	107.9	106.2	104.0	101.5	98.1	95.1
-40°	93.9	95.2	95.9	95.9	95.9	95.2	93.9	92.3	90.7	88.7	86.4
-42.5°	83.9	84.6	84.8	84.7	84.8	84.6	83.9	82.8	81.7	80.3	79.2
-45°	75.7	76.2	76.6	76.7	76.6	76.2	75.7	74.9	74.6	74.6	74.6
-47.5°	69.8	69.9	70.1	70.2	70.1	69.9	69.8	69.5	69.7	70.1	70.2
-50°	65.7	65.3	65.2	65.2	65.2	65.3	65.7	65.9	66.0	66.2	66.0
-52.5°	63.2	63.0	62.9	62.9	62.9	63.0	63.2	63.3	63.3	63.3	63.0
-55°	61.7	61.7	61.6	61.4	61.6	61.7	61.7	61.6	61.4	61.1	60.8
-57.5°	60.2	60.5	60.6	60.6	60.6	60.5	60.2	59.9	59.6	59.2	58.6
-60°	58.1	58.4	58.6	58.7	58.6	58.4	58.1	57.6	57.1	56.5	55.7
-62.5°	53.8	53.9	54.0	54.1	54.0	53.9	53.8	53.5	53.2	52.6	51.9
-65°	49.2	49.3	49.3	49.1	49.3	49.3	49.2	48.9	48.6	48.1	47.4
-67.5°	44.2	44.3	44.3	44.1	44.3	44.3	44.2	43.9	43.6	43.0	42.3
-70°	38.7	38.9	39.1	39.1	39.1	38.9	38.7	38.4	38.0	37.5	36.9
-72.5°	33.0	33.2	33.5	33.7	33.5	33.2	33.0	32.7	32.3	31.9	31.3
-75°	26.9	27.1	27.6	28.0	27.6	27.1	26.9	26.6	26.3	25.9	25.5
-77.5°	21.1	21.4	21.5	21.5	21.5	21.4	21.1	20.9	20.5	20.2	19.9
-80°	15.5	15.6	15.9	16.1	15.9	15.6	15.5	15.4	15.2	15.0	14.6
-82.5°	10.3	10.4	10.4	10.4	10.4	10.4	10.3	10.2	10.1	9.9	9.7
-85°	6.0	6.1	5.9	5.8	5.9	6.1	6.0	5.8	5.7	5.6	5.5
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1
-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: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-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°	2.0	1.8	1.7	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.6
85°	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6
82.5°	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.0	6.5	6.0
80°	14.2	13.8	13.3	12.9	12.5	12.1	11.6	11.1	10.5	10.0	9.5
77.5°	19.5	19.1	18.6	18.0	17.4	16.8	16.2	15.4	14.7	13.9	13.2
75°	25.0	24.5	23.9	23.3	22.6	21.8	20.9	20.0	19.0	18.0	17.0
72.5°	30.7	30.0	29.2	28.5	27.7	26.8	25.8	24.8	23.6	22.3	21.0
70°	36.2	35.5	34.7	33.8	32.8	31.7	30.6	29.5	28.3	27.0	25.4
67.5°	41.5	40.6	39.7	38.7	37.6	36.4	35.2	33.9	32.6	31.2	29.5
65°	46.5	45.6	44.6	43.6	42.4	41.1	39.8	38.4	36.8	35.2	33.4
62.5°	51.1	50.3	49.3	48.2	47.0	45.7	44.3	42.7	41.0	39.3	37.3
60°	54.9	54.1	53.2	52.1	51.0	49.8	48.3	46.6	44.9	43.0	41.0
57.5°	58.0	57.2	56.3	55.4	54.4	53.2	51.8	50.3	48.5	46.6	44.5
55°	60.3	59.7	59.0	58.2	57.2	56.0	54.8	53.4	51.7	49.9	47.8
52.5°	62.4	61.9	61.3	60.7	59.7	58.6	57.4	56.0	54.5	52.7	50.7
50°	65.5	64.5	63.5	62.6	61.8	60.7	59.5	58.2	56.8	55.2	53.3
47.5°	69.4	67.7	66.1	64.9	63.8	62.6	61.4	60.1	58.8	57.3	55.5
45°	73.4	71.5	69.4	67.6	66.0	64.6	63.3	62.0	60.7	59.2	57.5
42.5°	77.7	75.6	73.3	71.0	68.7	66.9	65.3	63.9	62.5	61.0	59.3
40°	83.7	80.5	78.0	75.0	72.2	69.5	67.7	65.9	64.3	62.6	60.9
37.5°	91.7	88.0	84.1	80.2	76.6	73.2	70.5	68.3	66.1	64.3	62.4
35°	100.9	96.2	91.2	86.4	81.9	77.7	74.0	71.1	68.5	66.2	64.0
32.5°	113.0	106.1	99.6	93.6	87.6	82.5	78.0	74.2	71.1	68.5	65.9
30°	126.2	117.3	108.8	101.7	94.5	87.9	82.0	77.5	73.9	70.9	67.8
27.5°	147.7	130.6	119.7	109.9	101.6	93.9	86.8	80.4	76.5	73.2	69.9
25°	194.4	153.4	133.4	120.4	109.6	99.7	91.6	84.3	78.8	75.2	71.1
22.5°	283.8	205.6	154.2	131.5	118.3	106.5	96.4	88.2	80.6	76.1	71.8
20°	460.9	285.6	197.6	150.0	128.0	113.2	101.3	92.0	83.6	77.1	72.4
17.5°	700.3	440.9	252.3	173.9	140.9	121.5	106.8	95.5	86.3	78.2	72.7
15°	956.8	617.4	367.1	219.1	154.4	128.6	111.3	98.7	88.8	79.9	73.5
12.5°	1249.4	802.0	473.0	255.7	170.4	136.4	116.3	102.3	91.3	81.9	74.8
10°	1511.4	988.6	595.1	331.7	197.3	144.3	121.0	105.4	93.6	83.5	75.8
7.5°	1725.0	1164.7	705.6	388.4	217.4	150.6	124.9	108.1	95.5	84.7	76.5
5°	1861.6	1294.5	793.7	430.9	231.5	154.7	127.5	110.0	97.0	85.5	77.0
2.5°	1958.3	1380.5	849.3	455.6	239.0	157.0	129.4	111.2	98.1	86.5	77.7
0°	1963.0	1409.7	868.2	477.1	240.4	157.6	130.8	111.6	98.6	87.1	78.2
-2.5°	1958.3	1380.5	849.3	455.6	239.0	157.0	129.4	111.2	98.1	86.5	77.7
-5°	1861.6	1294.5	793.7	430.9	231.5	154.7	127.5	110.0	97.0	85.5	77.0
-7.5°	1725.0	1164.7	705.6	388.4	217.4	150.6	124.9	108.1	95.5	84.7	76.5
-10°	1511.4	988.6	595.1	331.7	197.3	144.3	121.0	105.4	93.6	83.5	75.8
-12.5°	1249.4	802.0	473.0	255.7	170.4	136.4	116.3	102.3	91.3	81.9	74.8
-15°	956.8	617.4	367.1	219.1	154.4	128.6	111.3	98.7	88.8	79.9	73.5
-17.5°	700.3	440.9	252.3	173.9	140.9	121.5	106.8	95.5	86.3	78.2	72.7
-20°	460.9	285.6	197.6	150.0	128.0	113.2	101.3	92.0	83.6	77.1	72.4



REPORT NUMBER: P558535 (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°
-22.5°	283.8	205.6	154.2	131.5	118.3	106.5	96.4	88.2	80.6	76.1	71.8
-25°	194.4	153.4	133.4	120.4	109.6	99.7	91.6	84.3	78.8	75.2	71.1
-27.5°	147.7	130.6	119.7	109.9	101.6	93.9	86.8	80.4	76.5	73.2	69.9
-30°	126.2	117.3	108.8	101.7	94.5	87.9	82.0	77.5	73.9	70.9	67.8
-32.5°	113.0	106.1	99.6	93.6	87.6	82.5	78.0	74.2	71.1	68.5	65.9
-35°	100.9	96.2	91.2	86.4	81.9	77.7	74.0	71.1	68.5	66.2	64.0
-37.5°	91.7	88.0	84.1	80.2	76.6	73.2	70.5	68.3	66.1	64.3	62.4
-40°	83.7	80.5	78.0	75.0	72.2	69.5	67.7	65.9	64.3	62.6	60.9
-42.5°	77.7	75.6	73.3	71.0	68.7	66.9	65.3	63.9	62.5	61.0	59.3
-45°	73.4	71.5	69.4	67.6	66.0	64.6	63.3	62.0	60.7	59.2	57.5
-47.5°	69.4	67.7	66.1	64.9	63.8	62.6	61.4	60.1	58.8	57.3	55.5
-50°	65.5	64.5	63.5	62.6	61.8	60.7	59.5	58.2	56.8	55.2	53.3
-52.5°	62.4	61.9	61.3	60.7	59.7	58.6	57.4	56.0	54.5	52.7	50.7
-55°	60.3	59.7	59.0	58.2	57.2	56.0	54.8	53.4	51.7	49.9	47.8
-57.5°	58.0	57.2	56.3	55.4	54.4	53.2	51.8	50.3	48.5	46.6	44.5
-60°	54.9	54.1	53.2	52.1	51.0	49.8	48.3	46.6	44.9	43.0	41.0
-62.5°	51.1	50.3	49.3	48.2	47.0	45.7	44.3	42.7	41.0	39.3	37.3
-65°	46.5	45.6	44.6	43.6	42.4	41.1	39.8	38.4	36.8	35.2	33.4
-67.5°	41.5	40.6	39.7	38.7	37.6	36.4	35.2	33.9	32.6	31.2	29.5
-70°	36.2	35.5	34.7	33.8	32.8	31.7	30.6	29.5	28.3	27.0	25.4
-72.5°	30.7	30.0	29.2	28.5	27.7	26.8	25.8	24.8	23.6	22.3	21.0
-75°	25.0	24.5	23.9	23.3	22.6	21.8	20.9	20.0	19.0	18.0	17.0
-77.5°	19.5	19.1	18.6	18.0	17.4	16.8	16.2	15.4	14.7	13.9	13.2
-80°	14.2	13.8	13.3	12.9	12.5	12.1	11.6	11.1	10.5	10.0	9.5
-82.5°	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.4	7.0	6.5	6.0
-85°	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6
-87.5°	2.0	1.8	1.7	1.8	1.8	1.9	1.9	1.8	1.8	1.7	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: P558535 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-930-U-NR-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°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
85°	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	1.8	1.6	1.4
82.5°	5.6	5.4	5.1	4.8	4.5	4.1	3.7	3.3	2.8	2.4	2.1
80°	8.9	8.3	7.7	7.1	6.5	5.9	5.4	4.9	4.2	3.6	3.0
77.5°	12.3	11.5	10.6	9.7	8.9	8.1	7.3	6.5	5.6	4.8	4.1
75°	15.9	14.8	13.7	12.6	11.4	10.3	9.3	8.3	7.2	6.1	5.1
72.5°	19.8	18.5	17.0	15.6	14.2	12.8	11.4	10.1	8.8	7.5	6.2
70°	23.8	22.2	20.7	18.9	17.1	15.4	13.8	12.1	10.4	9.0	7.5
67.5°	27.8	25.9	24.1	22.2	20.2	18.1	16.1	14.2	12.4	10.4	8.8
65°	31.5	29.5	27.4	25.3	23.1	20.9	18.6	16.4	14.2	12.1	10.0
62.5°	35.3	33.1	30.8	28.3	25.9	23.5	21.1	18.6	16.1	13.8	11.4
60°	38.9	36.6	34.1	31.4	28.7	26.1	23.4	20.8	18.1	15.4	12.8
57.5°	42.3	39.9	37.2	34.4	31.5	28.6	25.8	22.9	20.0	17.1	14.2
55°	45.5	43.0	40.2	37.3	34.2	31.1	28.0	25.0	21.9	18.7	15.6
52.5°	48.5	45.9	43.0	40.0	36.8	33.5	30.3	27.0	23.7	20.4	17.0
50°	51.1	48.5	45.6	42.5	39.2	35.9	32.6	29.0	25.5	22.0	18.4
47.5°	53.5	50.9	48.0	44.9	41.5	38.1	34.7	31.0	27.2	23.5	19.7
45°	55.5	53.1	50.3	47.1	43.8	40.3	36.6	33.0	28.9	24.9	21.1
42.5°	57.3	55.0	52.3	49.2	45.9	42.3	38.5	34.7	30.6	26.3	22.3
40°	58.9	56.8	54.2	51.1	47.9	44.3	40.3	36.3	32.3	27.7	23.5
37.5°	60.5	58.3	55.8	53.1	49.8	46.1	42.1	37.8	33.8	29.1	24.6
35°	61.9	59.7	57.5	54.8	51.6	47.9	43.8	39.3	35.0	30.4	25.7
32.5°	63.3	61.0	58.8	56.3	53.3	49.6	45.4	40.7	36.2	31.6	26.7
30°	64.9	62.2	60.0	57.6	54.8	51.1	46.8	42.0	37.3	32.7	27.7
27.5°	66.1	63.1	61.0	58.7	56.0	52.5	48.0	43.2	38.4	33.7	28.6
25°	67.2	64.1	61.8	59.6	57.1	53.6	49.1	44.2	39.3	34.6	29.4
22.5°	68.0	64.8	62.4	60.5	58.1	54.6	50.1	45.2	40.2	35.4	30.2
20°	68.5	65.4	62.8	61.1	58.9	55.4	50.9	46.0	41.0	36.0	30.9
17.5°	68.6	65.8	63.4	61.6	59.6	56.2	51.7	46.7	41.6	36.7	31.5
15°	69.3	66.2	63.8	62.0	60.1	56.9	52.3	47.3	42.1	37.2	32.0
12.5°	69.9	66.5	64.1	62.3	60.5	57.6	52.8	47.8	42.6	37.7	32.4
10°	70.5	66.7	64.2	62.5	60.9	58.3	53.2	48.2	43.0	38.0	32.8
7.5°	71.0	66.8	64.2	62.7	61.2	58.8	53.6	48.5	43.4	38.3	33.0
5°	71.3	66.8	64.2	62.8	61.4	59.1	53.9	48.7	43.7	38.5	33.2
2.5°	71.6	66.8	64.1	62.9	61.6	59.3	54.0	48.7	44.0	38.7	33.4
0°	71.7	66.7	64.0	62.9	61.7	59.4	54.1	48.7	44.1	38.7	33.4
-2.5°	71.6	66.8	64.1	62.9	61.6	59.3	54.0	48.7	44.0	38.7	33.4
-5°	71.3	66.8	64.2	62.8	61.4	59.1	53.9	48.7	43.7	38.5	33.2
-7.5°	71.0	66.8	64.2	62.7	61.2	58.8	53.6	48.5	43.4	38.3	33.0
-10°	70.5	66.7	64.2	62.5	60.9	58.3	53.2	48.2	43.0	38.0	32.8
-12.5°	69.9	66.5	64.1	62.3	60.5	57.6	52.8	47.8	42.6	37.7	32.4
-15°	69.3	66.2	63.8	62.0	60.1	56.9	52.3	47.3	42.1	37.2	32.0
-17.5°	68.6	65.8	63.4	61.6	59.6	56.2	51.7	46.7	41.6	36.7	31.5
-20°	68.5	65.4	62.8	61.1	58.9	55.4	50.9	46.0	41.0	36.0	30.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	68.0	64.8	62.4	60.5	58.1	54.6	50.1	45.2	40.2	35.4	30.2
-25°	67.2	64.1	61.8	59.6	57.1	53.6	49.1	44.2	39.3	34.6	29.4
-27.5°	66.1	63.1	61.0	58.7	56.0	52.5	48.0	43.2	38.4	33.7	28.6
-30°	64.9	62.2	60.0	57.6	54.8	51.1	46.8	42.0	37.3	32.7	27.7
-32.5°	63.3	61.0	58.8	56.3	53.3	49.6	45.4	40.7	36.2	31.6	26.7
-35°	61.9	59.7	57.5	54.8	51.6	47.9	43.8	39.3	35.0	30.4	25.7
-37.5°	60.5	58.3	55.8	53.1	49.8	46.1	42.1	37.8	33.8	29.1	24.6
-40°	58.9	56.8	54.2	51.1	47.9	44.3	40.3	36.3	32.3	27.7	23.5
-42.5°	57.3	55.0	52.3	49.2	45.9	42.3	38.5	34.7	30.6	26.3	22.3
-45°	55.5	53.1	50.3	47.1	43.8	40.3	36.6	33.0	28.9	24.9	21.1
-47.5°	53.5	50.9	48.0	44.9	41.5	38.1	34.7	31.0	27.2	23.5	19.7
-50°	51.1	48.5	45.6	42.5	39.2	35.9	32.6	29.0	25.5	22.0	18.4
-52.5°	48.5	45.9	43.0	40.0	36.8	33.5	30.3	27.0	23.7	20.4	17.0
-55°	45.5	43.0	40.2	37.3	34.2	31.1	28.0	25.0	21.9	18.7	15.6
-57.5°	42.3	39.9	37.2	34.4	31.5	28.6	25.8	22.9	20.0	17.1	14.2
-60°	38.9	36.6	34.1	31.4	28.7	26.1	23.4	20.8	18.1	15.4	12.8
-62.5°	35.3	33.1	30.8	28.3	25.9	23.5	21.1	18.6	16.1	13.8	11.4
-65°	31.5	29.5	27.4	25.3	23.1	20.9	18.6	16.4	14.2	12.1	10.0
-67.5°	27.8	25.9	24.1	22.2	20.2	18.1	16.1	14.2	12.4	10.4	8.8
-70°	23.8	22.2	20.7	18.9	17.1	15.4	13.8	12.1	10.4	9.0	7.5
-72.5°	19.8	18.5	17.0	15.6	14.2	12.8	11.4	10.1	8.8	7.5	6.2
-75°	15.9	14.8	13.7	12.6	11.4	10.3	9.3	8.3	7.2	6.1	5.1
-77.5°	12.3	11.5	10.6	9.7	8.9	8.1	7.3	6.5	5.6	4.8	4.1
-80°	8.9	8.3	7.7	7.1	6.5	5.9	5.4	4.9	4.2	3.6	3.0
-82.5°	5.6	5.4	5.1	4.8	4.5	4.1	3.7	3.3	2.8	2.4	2.1
-85°	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	1.8	1.6	1.4
-87.5°	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0	0.9	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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
80°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
77.5°	3.3	2.6	2.0	1.5	1.0	0.5	0.0
75°	4.2	3.3	2.4	1.8	1.2	0.6	0.0
72.5°	5.1	4.1	3.0	2.1	1.4	0.7	0.0
70°	6.0	4.8	3.6	2.4	1.6	0.8	0.0
67.5°	7.1	5.5	4.2	2.8	1.8	0.9	0.0
65°	8.2	6.4	4.8	3.3	1.9	1.0	0.0
62.5°	9.2	7.2	5.4	3.7	2.1	1.1	0.0
60°	10.3	8.1	6.0	4.2	2.3	1.1	0.0
57.5°	11.4	8.9	6.6	4.6	2.6	1.2	0.0
55°	12.6	9.7	7.3	5.0	2.9	1.3	0.0
52.5°	13.7	10.6	7.9	5.4	3.1	1.4	0.0
50°	14.8	11.5	8.5	5.8	3.4	1.5	0.0
47.5°	15.9	12.3	9.1	6.2	3.6	1.6	0.0
45°	17.0	13.2	9.6	6.6	3.9	1.6	0.0
42.5°	18.1	14.0	10.1	7.0	4.1	1.7	0.0
40°	19.2	14.7	10.7	7.4	4.3	1.8	0.0
37.5°	20.2	15.5	11.3	7.7	4.5	1.8	0.0
35°	21.1	16.2	11.8	8.1	4.7	1.9	0.0
32.5°	22.0	17.0	12.4	8.4	4.9	1.9	0.0
30°	22.8	17.7	12.8	8.7	5.1	2.0	0.0
27.5°	23.6	18.3	13.3	8.9	5.2	2.0	0.0
25°	24.3	18.9	13.7	9.2	5.4	2.1	0.0
22.5°	24.9	19.5	14.1	9.4	5.5	2.1	0.0
20°	25.5	20.0	14.5	9.6	5.6	2.2	0.0
17.5°	26.0	20.5	14.8	9.8	5.7	2.2	0.0
15°	26.4	20.9	15.1	10.0	5.8	2.2	0.0
12.5°	26.8	21.2	15.4	10.1	5.9	2.2	0.0
10°	27.1	21.4	15.6	10.2	6.0	2.3	0.0
7.5°	27.3	21.6	15.8	10.3	6.0	2.3	0.0
5°	27.5	21.8	15.9	10.4	6.1	2.3	0.0
2.5°	27.6	21.9	16.0	10.4	6.1	2.3	0.0
0°	27.6	21.9	16.1	10.4	6.1	2.3	0.0
-2.5°	27.6	21.9	16.1	10.4	6.1	2.3	0.0
-5°	27.5	21.8	15.9	10.4	6.1	2.3	0.0
-7.5°	27.3	21.6	15.8	10.3	6.0	2.3	0.0
-10°	27.1	21.4	15.6	10.2	6.0	2.3	0.0
-12.5°	26.8	21.2	15.4	10.1	5.9	2.2	0.0
-15°	26.4	20.9	15.1	10.0	5.8	2.2	0.0
-17.5°	26.0	20.5	14.8	9.8	5.7	2.2	0.0
-20°	25.5	20.0	14.5	9.6	5.6	2.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.9	19.5	14.1	9.4	5.5	2.1	0.0
-25°	24.3	18.9	13.7	9.2	5.4	2.1	0.0
-27.5°	23.6	18.3	13.3	8.9	5.2	2.0	0.0
-30°	22.8	17.7	12.8	8.7	5.1	2.0	0.0
-32.5°	22.0	17.0	12.4	8.4	4.9	1.9	0.0
-35°	21.1	16.2	11.8	8.1	4.7	1.9	0.0
-37.5°	20.2	15.5	11.3	7.7	4.5	1.8	0.0
-40°	19.2	14.7	10.7	7.4	4.3	1.8	0.0
-42.5°	18.1	14.0	10.1	7.0	4.1	1.7	0.0
-45°	17.0	13.2	9.6	6.6	3.9	1.6	0.0
-47.5°	15.9	12.3	9.1	6.2	3.6	1.6	0.0
-50°	14.8	11.5	8.5	5.8	3.4	1.5	0.0
-52.5°	13.7	10.6	7.9	5.4	3.1	1.4	0.0
-55°	12.6	9.7	7.3	5.0	2.9	1.3	0.0
-57.5°	11.4	8.9	6.6	4.6	2.6	1.2	0.0
-60°	10.3	8.1	6.0	4.2	2.3	1.1	0.0
-62.5°	9.2	7.2	5.4	3.7	2.1	1.1	0.0
-65°	8.2	6.4	4.8	3.3	1.9	1.0	0.0
-67.5°	7.1	5.5	4.2	2.8	1.8	0.9	0.0
-70°	6.0	4.8	3.6	2.4	1.6	0.8	0.0
-72.5°	5.1	4.1	3.0	2.1	1.4	0.7	0.0
-75°	4.2	3.3	2.4	1.8	1.2	0.6	0.0
-77.5°	3.3	2.6	2.0	1.5	1.0	0.5	0.0
-80°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-85°	1.2	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)