

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: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-927-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

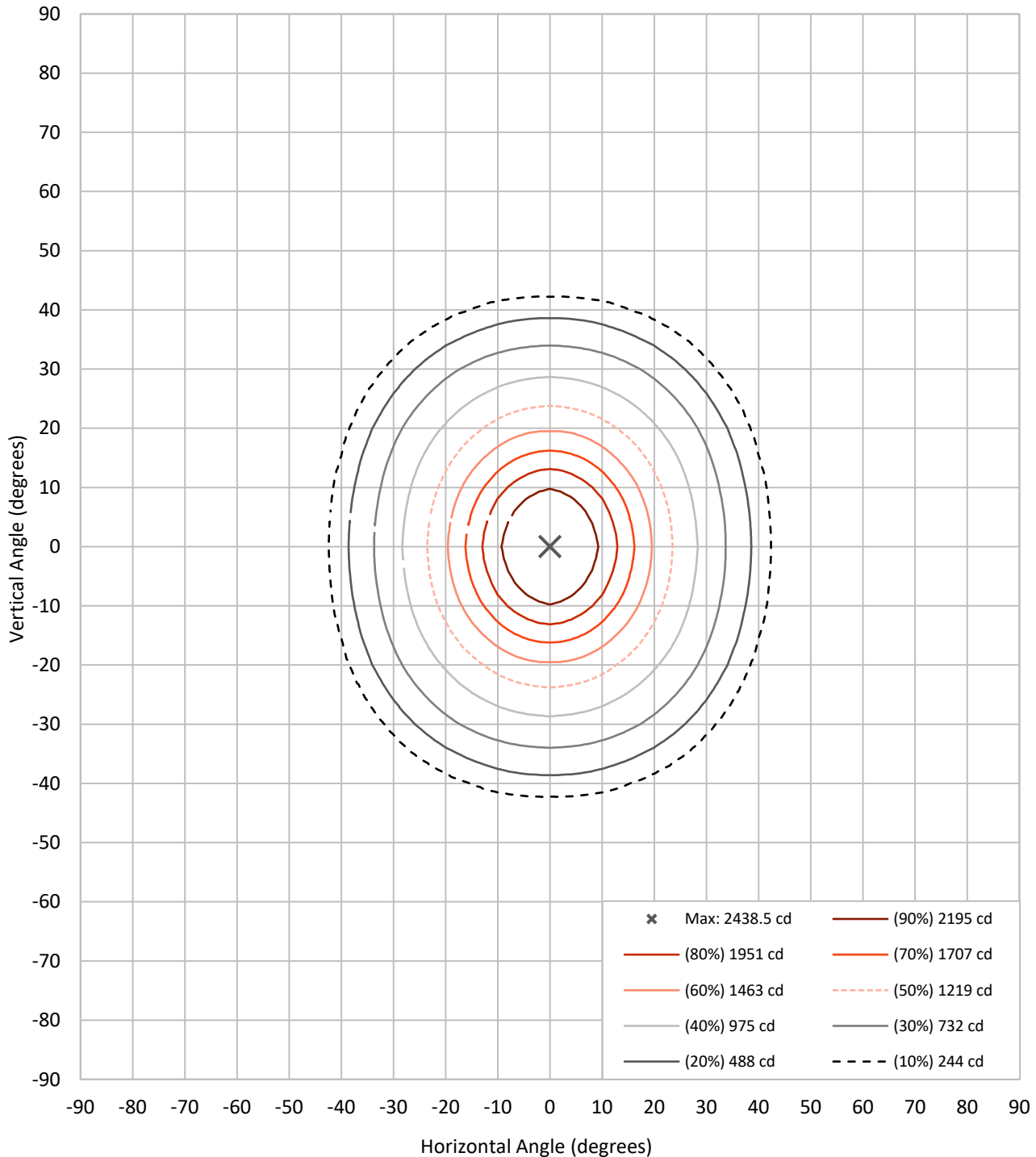
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1898.2 lumens	Max Intensity:	2438.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	895.7 lumens	Field Lumens:	1723.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 18  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





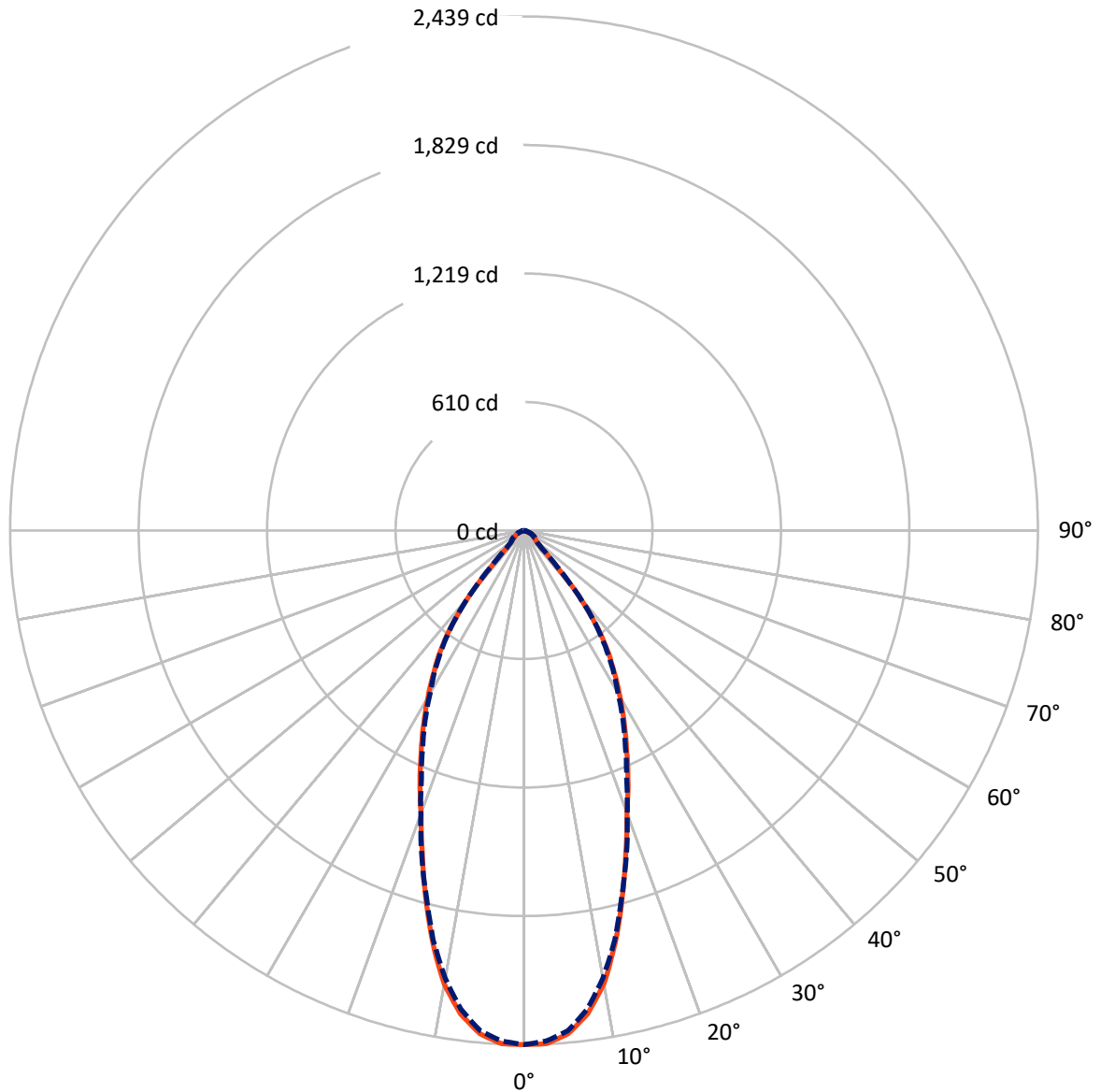
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### Lumen Table

90																			
80	0.0	0.2		0.5		0.9		0.7		0.9		0.5		0.2		0.0			
70																			
60	0.1	0.2	0.3	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.3	0.2	0.1			
50		0.2	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.2				
40	0.2	0.3	0.6	1.1	1.6	2.1	3.4	4.7	4.7	3.4	2.1	1.6	1.1	0.6	0.3	0.2			
30		0.4	0.8	1.3	2.5	8.0	15.6	19.8	19.8	15.6	8.0	2.5	1.3	0.8	0.4				
20	0.2	0.4	0.9	1.7	7.3	19.1	28.2	34.1	34.1	28.2	19.1	7.3	1.7	0.9	0.4	0.2			
10		0.5	1.0	2.6	13.3	26.4	40.1	52.2	52.2	40.1	26.4	13.3	2.6	1.0	0.5				
0	0.2	0.5	1.1	3.5	16.2	30.8	50.4	68.2	68.2	50.4	30.8	16.2	3.5	1.1	0.5	0.2			
-10		0.5	1.1	3.5	16.2	30.8	50.4	68.2	68.2	50.4	30.8	16.2	3.5	1.1	0.5				
-20	0.2	0.5	1.0	2.6	13.3	26.4	40.1	52.2	52.2	40.1	26.4	13.3	2.6	1.0	0.5	0.2			
-30		0.4	0.9	1.7	7.3	19.1	28.2	34.1	34.1	28.2	19.1	7.3	1.7	0.9	0.4				
-40	0.2	0.4	0.8	1.3	2.5	8.0	15.6	19.8	19.8	15.6	8.0	2.5	1.3	0.8	0.4	0.2			
-50		0.3	0.6	1.1	1.6	2.1	3.4	4.7	4.7	3.4	2.1	1.6	1.1	0.6	0.3				
-60	0.1	0.2	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.2	0.1			
-70		0.2	0.3	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.6	0.4	0.3	0.2				
-80	0.0	0.2		0.5		0.9		0.7		0.9		0.5		0.2		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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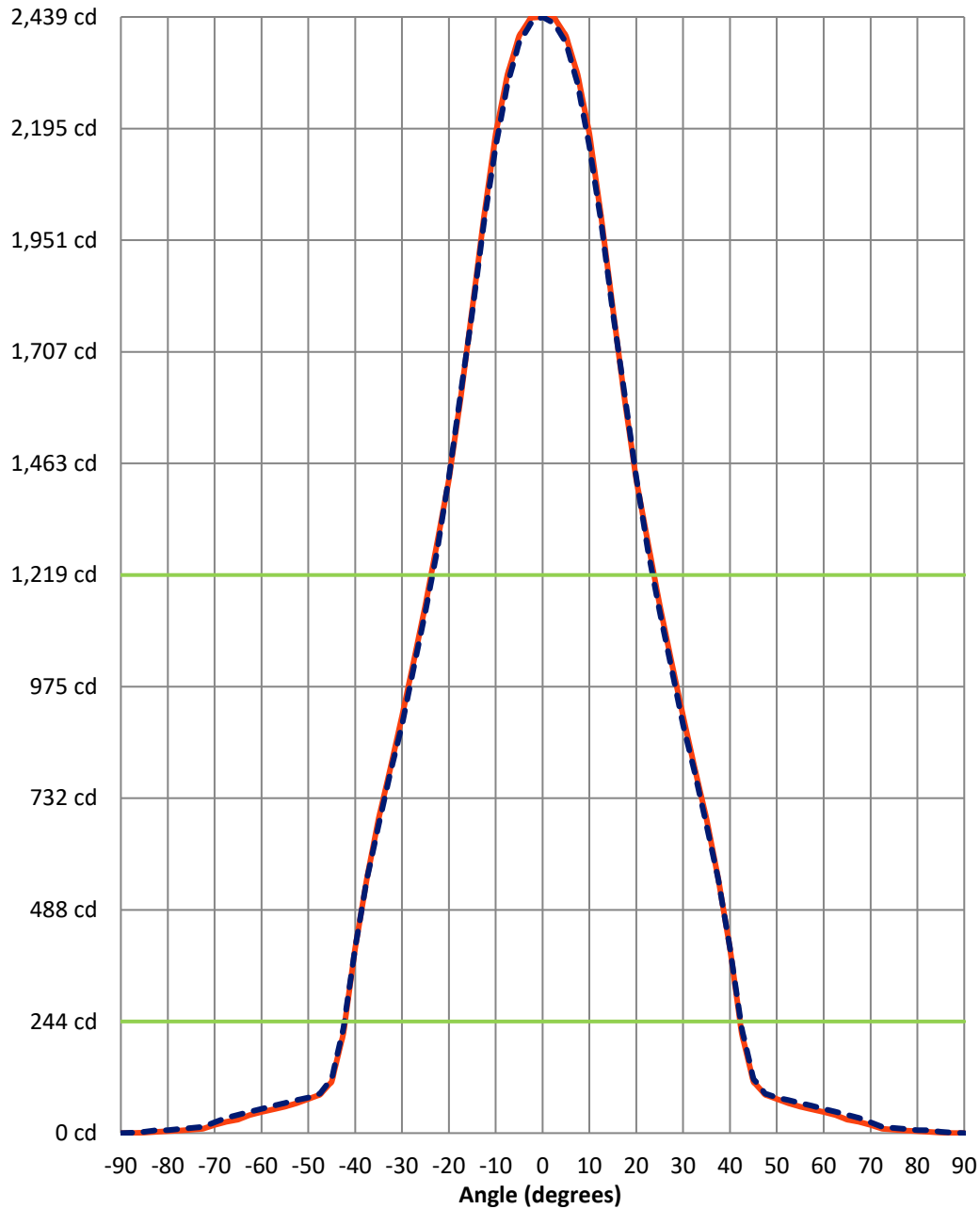
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 895.7  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 1723.6  
Efficiency: 90.8%

**Spill:**  
Lumens: 174.6  
Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
82.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7
80°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.4	2.6
77.5°	0.0	0.2	0.4	0.6	0.9	1.4	2.2	2.7	3.1	3.4	3.7
75°	0.0	0.2	0.5	0.8	1.2	2.0	2.9	3.6	4.0	4.5	4.9
72.5°	0.0	0.3	0.5	0.9	1.6	2.6	3.7	4.5	5.2	5.7	6.2
70°	0.0	0.3	0.6	1.0	2.0	3.1	4.4	5.6	6.3	7.0	8.0
67.5°	0.0	0.3	0.7	1.3	2.4	3.7	5.3	6.6	7.5	8.6	9.9
65°	0.0	0.4	0.8	1.6	2.8	4.3	6.1	7.7	8.8	10.1	11.7
62.5°	0.0	0.4	0.8	1.9	3.2	4.9	6.9	8.7	10.0	11.6	13.4
60°	0.0	0.4	0.9	2.1	3.6	5.5	7.6	9.6	11.1	13.1	15.0
57.5°	0.0	0.5	1.1	2.4	4.0	6.0	8.2	10.5	12.4	14.5	16.4
55°	0.0	0.5	1.2	2.6	4.4	6.5	8.6	11.1	13.6	15.8	17.7
52.5°	0.0	0.5	1.4	2.8	4.7	7.0	9.0	11.8	14.8	17.0	19.0
50°	0.0	0.6	1.5	3.0	5.1	7.2	9.3	12.5	16.0	18.2	20.4
47.5°	0.0	0.6	1.7	3.2	5.4	7.4	9.6	13.2	17.0	19.3	21.8
45°	0.0	0.6	1.8	3.5	5.7	7.6	10.0	13.7	17.5	20.5	23.1
42.5°	0.0	0.7	1.9	3.7	6.0	7.6	10.4	14.1	17.9	21.6	24.5
40°	0.0	0.7	2.0	3.9	6.1	7.7	10.7	14.4	18.2	22.6	25.8
37.5°	0.0	0.7	2.1	4.1	6.1	7.7	11.0	14.6	18.6	23.1	27.1
35°	0.0	0.7	2.2	4.3	6.1	7.8	11.2	14.7	18.9	23.8	28.3
32.5°	0.0	0.8	2.3	4.5	6.1	7.9	11.3	14.7	19.2	24.7	29.4
30°	0.0	0.8	2.4	4.7	6.0	8.0	11.3	14.7	19.3	25.8	30.5
27.5°	0.0	0.8	2.5	4.9	6.1	8.0	11.2	14.8	19.7	27.0	31.6
25°	0.0	0.8	2.6	5.1	6.2	8.0	11.1	14.8	20.5	28.0	32.6
22.5°	0.0	0.8	2.7	5.2	6.2	8.0	10.9	14.8	21.3	28.8	33.9
20°	0.0	0.8	2.7	5.4	6.3	8.2	10.7	14.7	22.2	29.5	35.1
17.5°	0.0	0.9	2.8	5.6	6.3	8.4	10.7	14.6	23.0	30.3	36.1
15°	0.0	0.9	2.8	5.7	6.3	8.6	10.9	14.5	23.8	30.9	37.0
12.5°	0.0	0.9	2.8	5.8	6.4	8.7	11.0	14.6	24.4	31.5	37.8
10°	0.0	0.9	2.9	5.9	6.4	8.8	11.1	14.6	24.6	31.9	38.4
7.5°	0.0	0.9	2.9	6.0	6.4	8.9	11.2	14.4	24.6	32.4	39.0
5°	0.0	0.9	2.9	6.1	6.4	8.9	11.2	14.2	24.5	32.8	39.4
2.5°	0.0	0.9	2.9	6.2	6.4	9.0	11.2	14.0	24.1	33.1	39.7
0°	0.0	0.9	2.9	6.2	6.4	9.0	11.2	14.0	24.1	33.1	39.7
-2.5°	0.0	0.9	2.9	6.2	6.4	9.0	11.2	14.0	24.1	33.1	39.7
-5°	0.0	0.9	2.9	6.1	6.4	8.9	11.2	14.2	24.5	32.8	39.4
-7.5°	0.0	0.9	2.9	6.0	6.4	8.9	11.2	14.4	24.6	32.4	39.0
-10°	0.0	0.9	2.9	5.9	6.4	8.8	11.1	14.6	24.6	31.9	38.4
-12.5°	0.0	0.9	2.8	5.8	6.4	8.7	11.0	14.6	24.4	31.5	37.8
-15°	0.0	0.9	2.8	5.7	6.3	8.6	10.9	14.5	23.8	30.9	37.0
-17.5°	0.0	0.9	2.8	5.6	6.3	8.4	10.7	14.6	23.0	30.3	36.1
-20°	0.0	0.8	2.7	5.4	6.3	8.2	10.7	14.7	22.2	29.5	35.1



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 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.8	2.7	5.2	6.2	8.0	10.9	14.8	21.3	28.8	33.9
-25°	0.0	0.8	2.6	5.1	6.2	8.0	11.1	14.8	20.5	28.0	32.6
-27.5°	0.0	0.8	2.5	4.9	6.1	8.0	11.2	14.8	19.7	27.0	31.6
-30°	0.0	0.8	2.4	4.7	6.0	8.0	11.3	14.7	19.3	25.8	30.5
-32.5°	0.0	0.8	2.3	4.5	6.1	7.9	11.3	14.7	19.2	24.7	29.4
-35°	0.0	0.7	2.2	4.3	6.1	7.8	11.2	14.7	18.9	23.8	28.3
-37.5°	0.0	0.7	2.1	4.1	6.1	7.7	11.0	14.6	18.6	23.1	27.1
-40°	0.0	0.7	2.0	3.9	6.1	7.7	10.7	14.4	18.2	22.6	25.8
-42.5°	0.0	0.7	1.9	3.7	6.0	7.6	10.4	14.1	17.9	21.6	24.5
-45°	0.0	0.6	1.8	3.5	5.7	7.6	10.0	13.7	17.5	20.5	23.1
-47.5°	0.0	0.6	1.7	3.2	5.4	7.4	9.6	13.2	17.0	19.3	21.8
-50°	0.0	0.6	1.5	3.0	5.1	7.2	9.3	12.5	16.0	18.2	20.4
-52.5°	0.0	0.5	1.4	2.8	4.7	7.0	9.0	11.8	14.8	17.0	19.0
-55°	0.0	0.5	1.2	2.6	4.4	6.5	8.6	11.1	13.6	15.8	17.7
-57.5°	0.0	0.5	1.1	2.4	4.0	6.0	8.2	10.5	12.4	14.5	16.4
-60°	0.0	0.4	0.9	2.1	3.6	5.5	7.6	9.6	11.1	13.1	15.0
-62.5°	0.0	0.4	0.8	1.9	3.2	4.9	6.9	8.7	10.0	11.6	13.4
-65°	0.0	0.4	0.8	1.6	2.8	4.3	6.1	7.7	8.8	10.1	11.7
-67.5°	0.0	0.3	0.7	1.3	2.4	3.7	5.3	6.6	7.5	8.6	9.9
-70°	0.0	0.3	0.6	1.0	2.0	3.1	4.4	5.6	6.3	7.0	8.0
-72.5°	0.0	0.3	0.5	0.9	1.6	2.6	3.7	4.5	5.2	5.7	6.2
-75°	0.0	0.2	0.5	0.8	1.2	2.0	2.9	3.6	4.0	4.5	4.9
-77.5°	0.0	0.2	0.4	0.6	0.9	1.4	2.2	2.7	3.1	3.4	3.7
-80°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.4	2.6
-82.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
85°	0.9	0.9	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.3	1.5
82.5°	1.8	2.0	2.1	2.3	2.3	2.2	2.2	2.1	2.4	2.8	3.2
80°	2.9	3.1	3.4	3.8	3.9	3.9	3.7	3.5	4.0	4.6	5.4
77.5°	4.1	4.6	5.1	5.6	5.7	5.6	5.4	5.0	5.6	6.6	7.8
75°	5.4	6.0	6.8	7.5	7.6	7.4	7.0	6.7	7.4	8.7	10.0
72.5°	7.1	8.1	8.9	9.4	9.5	9.3	9.1	9.0	9.7	11.3	12.5
70°	9.2	10.3	10.9	11.2	11.3	11.4	11.9	12.4	13.2	14.5	15.5
67.5°	11.4	12.2	12.7	13.1	13.9	14.6	15.3	16.1	16.9	18.1	18.9
65°	13.2	14.1	14.8	15.7	16.9	17.8	18.7	19.8	21.0	22.0	22.8
62.5°	15.1	16.0	17.0	18.2	19.6	20.8	22.2	23.7	25.1	26.3	27.6
60°	16.6	17.8	19.2	20.7	22.3	24.1	25.8	27.5	29.1	30.6	32.4
57.5°	18.1	19.7	21.4	23.2	25.3	27.5	29.5	31.4	33.3	35.4	37.2
55°	19.6	21.6	23.6	25.7	28.2	31.0	33.2	35.2	37.5	40.1	42.2
52.5°	21.2	23.5	25.8	28.4	31.4	34.1	36.4	38.9	41.8	44.6	47.0
50°	22.8	25.3	27.9	31.3	34.3	36.8	39.7	42.8	45.8	48.7	51.5
47.5°	24.4	27.1	30.6	34.0	36.8	39.8	43.1	46.3	49.5	52.5	55.5
45°	26.0	29.2	33.0	36.2	39.4	42.8	46.2	49.6	52.9	56.2	59.4
42.5°	27.5	31.2	35.1	38.4	42.0	45.7	49.3	52.8	56.3	59.8	63.2
40°	29.2	33.0	37.1	40.8	44.6	48.4	52.1	55.9	59.6	63.2	66.8
37.5°	30.7	35.0	39.2	43.1	46.9	50.9	54.9	58.9	62.7	66.5	70.7
35°	32.0	36.9	41.2	45.3	49.3	53.3	57.5	61.7	65.8	69.9	75.2
32.5°	33.6	38.9	43.1	47.4	51.6	55.7	60.0	64.5	68.8	73.7	81.2
30°	35.3	40.5	44.9	49.4	53.7	58.0	62.5	67.1	71.7	79.2	96.6
27.5°	37.0	42.0	46.6	51.2	55.6	60.1	64.9	69.6	76.0	87.5	115.7
25°	38.6	43.5	48.2	52.9	57.5	62.1	67.0	71.9	80.6	104.0	166.2
22.5°	39.9	44.9	49.8	54.4	59.1	64.0	69.0	75.5	89.0	120.5	222.4
20°	41.0	46.2	51.2	56.1	60.7	65.6	70.8	79.0	101.7	167.8	289.7
17.5°	42.0	47.4	52.6	57.6	62.4	67.2	72.6	82.0	113.1	208.9	357.4
15°	43.0	48.5	53.8	59.0	64.0	69.0	75.4	90.4	136.2	249.7	417.7
12.5°	43.9	49.4	54.9	60.3	65.5	70.6	78.0	98.8	164.5	297.5	458.8
10°	44.6	50.2	55.9	61.6	66.7	72.0	80.2	105.7	187.8	336.9	491.9
7.5°	45.3	51.0	56.8	62.6	67.8	73.3	82.0	111.1	205.7	366.5	518.2
5°	45.9	51.7	57.9	63.8	69.2	74.6	83.5	115.0	218.4	386.5	537.4
2.5°	46.4	52.4	58.9	64.8	70.7	76.2	85.2	117.8	226.5	399.2	549.7
0°	46.7	52.9	59.7	65.7	72.1	77.6	86.6	119.2	229.6	403.9	554.3
-2.5°	46.4	52.4	58.9	64.8	70.7	76.2	85.2	117.8	226.5	399.2	549.7
-5°	45.9	51.7	57.9	63.8	69.2	74.6	83.5	115.0	218.4	386.5	537.4
-7.5°	45.3	51.0	56.8	62.6	67.8	73.3	82.0	111.1	205.7	366.5	518.2
-10°	44.6	50.2	55.9	61.6	66.7	72.0	80.2	105.7	187.8	336.9	491.9
-12.5°	43.9	49.4	54.9	60.3	65.5	70.6	78.0	98.8	164.5	297.5	458.8
-15°	43.0	48.5	53.8	59.0	64.0	69.0	75.4	90.4	136.2	249.7	417.7
-17.5°	42.0	47.4	52.6	57.6	62.4	67.2	72.6	82.0	113.1	208.9	357.4
-20°	41.0	46.2	51.2	56.1	60.7	65.6	70.8	79.0	101.7	167.8	289.7



REPORT NUMBER: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	39.9	44.9	49.8	54.4	59.1	64.0	69.0	75.5	89.0	120.5	222.4
-25°	38.6	43.5	48.2	52.9	57.5	62.1	67.0	71.9	80.6	104.0	166.2
-27.5°	37.0	42.0	46.6	51.2	55.6	60.1	64.9	69.6	76.0	87.5	115.7
-30°	35.3	40.5	44.9	49.4	53.7	58.0	62.5	67.1	71.7	79.2	96.6
-32.5°	33.6	38.9	43.1	47.4	51.6	55.7	60.0	64.5	68.8	73.7	81.2
-35°	32.0	36.9	41.2	45.3	49.3	53.3	57.5	61.7	65.8	69.9	75.2
-37.5°	30.7	35.0	39.2	43.1	46.9	50.9	54.9	58.9	62.7	66.5	70.7
-40°	29.2	33.0	37.1	40.8	44.6	48.4	52.1	55.9	59.6	63.2	66.8
-42.5°	27.5	31.2	35.1	38.4	42.0	45.7	49.3	52.8	56.3	59.8	63.2
-45°	26.0	29.2	33.0	36.2	39.4	42.8	46.2	49.6	52.9	56.2	59.4
-47.5°	24.4	27.1	30.6	34.0	36.8	39.8	43.1	46.3	49.5	52.5	55.5
-50°	22.8	25.3	27.9	31.3	34.3	36.8	39.7	42.8	45.8	48.7	51.5
-52.5°	21.2	23.5	25.8	28.4	31.4	34.1	36.4	38.9	41.8	44.6	47.0
-55°	19.6	21.6	23.6	25.7	28.2	31.0	33.2	35.2	37.5	40.1	42.2
-57.5°	18.1	19.7	21.4	23.2	25.3	27.5	29.5	31.4	33.3	35.4	37.2
-60°	16.6	17.8	19.2	20.7	22.3	24.1	25.8	27.5	29.1	30.6	32.4
-62.5°	15.1	16.0	17.0	18.2	19.6	20.8	22.2	23.7	25.1	26.3	27.6
-65°	13.2	14.1	14.8	15.7	16.9	17.8	18.7	19.8	21.0	22.0	22.8
-67.5°	11.4	12.2	12.7	13.1	13.9	14.6	15.3	16.1	16.9	18.1	18.9
-70°	9.2	10.3	10.9	11.2	11.3	11.4	11.9	12.4	13.2	14.5	15.5
-72.5°	7.1	8.1	8.9	9.4	9.5	9.3	9.1	9.0	9.7	11.3	12.5
-75°	5.4	6.0	6.8	7.5	7.6	7.4	7.0	6.7	7.4	8.7	10.0
-77.5°	4.1	4.6	5.1	5.6	5.7	5.6	5.4	5.0	5.6	6.6	7.8
-80°	2.9	3.1	3.4	3.8	3.9	3.9	3.7	3.5	4.0	4.6	5.4
-82.5°	1.8	2.0	2.1	2.3	2.3	2.2	2.2	2.1	2.4	2.8	3.2
-85°	0.9	0.9	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.3	1.5
-87.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
-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: P558461 (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°
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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
85°	1.7	1.6	1.5	1.4	1.3	1.4	1.4	1.5	1.5	1.4	1.3
82.5°	3.7	3.8	3.8	3.8	3.7	3.9	4.0	4.2	4.3	4.0	3.6
80°	6.2	6.5	6.7	6.9	7.0	7.0	6.9	6.7	6.5	6.0	5.3
77.5°	9.0	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5	9.5	8.3
75°	11.1	11.8	12.2	12.6	12.9	13.1	13.3	13.3	13.4	12.2	10.7
72.5°	13.6	14.2	14.7	15.2	15.6	15.9	16.1	16.2	16.3	15.3	13.8
70°	16.3	16.9	17.5	18.0	18.6	18.9	19.1	19.3	19.4	19.3	19.3
67.5°	19.5	20.0	20.7	21.3	21.8	22.2	22.6	22.9	23.1	23.4	23.7
65°	23.5	24.7	25.7	26.2	26.3	26.9	27.8	28.4	28.7	28.9	29.2
62.5°	29.1	30.5	31.2	32.1	33.2	34.3	34.7	35.2	35.8	36.6	37.5
60°	33.9	35.0	36.2	37.4	38.4	39.3	40.2	41.2	42.0	42.8	43.6
57.5°	38.7	40.0	41.2	42.6	43.6	44.2	45.1	46.2	47.1	47.7	48.8
55°	43.8	45.4	47.0	48.3	49.3	49.8	50.5	51.6	52.3	52.5	53.7
52.5°	48.9	50.8	52.8	54.3	55.3	56.2	57.1	58.0	58.7	59.0	60.2
50°	53.7	55.9	58.2	60.1	61.4	62.9	64.6	65.5	66.1	66.7	68.0
47.5°	58.1	60.7	63.0	65.2	67.1	68.9	70.4	71.8	73.9	75.6	77.3
45°	62.4	65.1	67.7	70.2	72.3	75.7	78.9	81.6	88.9	95.1	99.7
42.5°	66.5	69.8	72.7	76.8	81.2	89.0	101.1	112.2	133.8	161.5	184.7
40°	70.7	75.0	80.2	88.2	103.4	119.0	165.7	207.4	248.3	294.9	334.8
37.5°	75.7	82.0	97.3	115.5	164.2	218.1	284.3	349.3	406.0	454.4	494.8
35°	82.2	101.9	130.5	196.6	268.6	357.0	433.3	494.4	550.3	595.2	629.0
32.5°	101.5	137.5	213.0	303.9	403.0	488.4	562.7	621.2	672.2	712.4	743.7
30°	129.7	212.4	315.0	423.9	522.6	604.1	672.8	728.6	774.1	815.0	849.4
27.5°	196.8	303.2	423.8	534.9	624.6	701.0	762.6	817.9	868.0	911.1	951.7
25°	270.3	402.0	523.6	624.7	708.5	780.1	845.1	905.5	961.7	1012.1	1059.4
22.5°	358.5	489.9	606.0	699.6	780.8	854.4	923.4	990.7	1056.1	1117.6	1174.8
20°	438.4	567.3	668.6	762.1	846.4	923.0	999.1	1077.5	1153.0	1227.1	1296.0
17.5°	500.6	620.5	722.2	817.0	902.8	989.6	1076.7	1166.8	1257.8	1343.9	1426.2
15°	552.5	664.9	768.0	862.7	957.1	1052.9	1150.2	1256.3	1364.5	1467.6	1572.5
12.5°	589.4	702.0	806.5	901.6	1007.4	1111.3	1224.6	1345.5	1470.5	1590.5	1719.4
10°	619.0	731.5	835.2	937.7	1049.7	1165.0	1291.9	1425.1	1574.4	1716.4	1855.3
7.5°	644.4	756.2	858.2	967.2	1084.9	1211.6	1349.7	1500.2	1661.8	1819.9	1985.2
5°	663.0	773.0	876.2	991.3	1111.9	1245.7	1394.2	1555.1	1728.3	1901.6	2065.1
2.5°	672.8	782.6	887.3	1006.3	1127.8	1266.2	1421.0	1591.5	1774.5	1963.6	2124.8
0°	672.6	786.7	891.6	1016.4	1139.4	1272.5	1432.5	1614.9	1793.4	1989.8	2155.3
-2.5°	672.8	782.6	887.3	1006.3	1127.8	1266.2	1421.0	1591.5	1774.5	1963.6	2124.8
-5°	663.0	773.0	876.2	991.3	1111.9	1245.7	1394.2	1555.1	1728.3	1901.6	2065.1
-7.5°	644.4	756.2	858.2	967.2	1084.9	1211.6	1349.7	1500.2	1661.8	1819.9	1985.2
-10°	619.0	731.5	835.2	937.7	1049.7	1165.0	1291.9	1425.1	1574.4	1716.4	1855.3
-12.5°	589.4	702.0	806.5	901.6	1007.4	1111.3	1224.6	1345.5	1470.5	1590.5	1719.4
-15°	552.5	664.9	768.0	862.7	957.1	1052.9	1150.2	1256.3	1364.5	1467.6	1572.5
-17.5°	500.6	620.5	722.2	817.0	902.8	989.6	1076.7	1166.8	1257.8	1343.9	1426.2
-20°	438.4	567.3	668.6	762.1	846.4	923.0	999.1	1077.5	1153.0	1227.1	1296.0



REPORT NUMBER: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	358.5	489.9	606.0	699.6	780.8	854.4	923.4	990.7	1056.1	1117.6	1174.8
-25°	270.3	402.0	523.6	624.7	708.5	780.1	845.1	905.5	961.7	1012.1	1059.4
-27.5°	196.8	303.2	423.8	534.9	624.6	701.0	762.6	817.9	868.0	911.1	951.7
-30°	129.7	212.4	315.0	423.9	522.6	604.1	672.8	728.6	774.1	815.0	849.4
-32.5°	101.5	137.5	213.0	303.9	403.0	488.4	562.7	621.2	672.2	712.4	743.7
-35°	82.2	101.9	130.5	196.6	268.6	357.0	433.3	494.4	550.3	595.2	629.0
-37.5°	75.7	82.0	97.3	115.5	164.2	218.1	284.3	349.3	406.0	454.4	494.8
-40°	70.7	75.0	80.2	88.2	103.4	119.0	165.7	207.4	248.3	294.9	334.8
-42.5°	66.5	69.8	72.7	76.8	81.2	89.0	101.1	112.2	133.8	161.5	184.7
-45°	62.4	65.1	67.7	70.2	72.3	75.7	78.9	81.6	88.9	95.1	99.7
-47.5°	58.1	60.7	63.0	65.2	67.1	68.9	70.4	71.8	73.9	75.6	77.3
-50°	53.7	55.9	58.2	60.1	61.4	62.9	64.6	65.5	66.1	66.7	68.0
-52.5°	48.9	50.8	52.8	54.3	55.3	56.2	57.1	58.0	58.7	59.0	60.2
-55°	43.8	45.4	47.0	48.3	49.3	49.8	50.5	51.6	52.3	52.5	53.7
-57.5°	38.7	40.0	41.2	42.6	43.6	44.2	45.1	46.2	47.1	47.7	48.8
-60°	33.9	35.0	36.2	37.4	38.4	39.3	40.2	41.2	42.0	42.8	43.6
-62.5°	29.1	30.5	31.2	32.1	33.2	34.3	34.7	35.2	35.8	36.6	37.5
-65°	23.5	24.7	25.7	26.2	26.3	26.9	27.8	28.4	28.7	28.9	29.2
-67.5°	19.5	20.0	20.7	21.3	21.8	22.2	22.6	22.9	23.1	23.4	23.7
-70°	16.3	16.9	17.5	18.0	18.6	18.9	19.1	19.3	19.4	19.3	19.3
-72.5°	13.6	14.2	14.7	15.2	15.6	15.9	16.1	16.2	16.3	15.3	13.8
-75°	11.1	11.8	12.2	12.6	12.9	13.1	13.3	13.3	13.4	12.2	10.7
-77.5°	9.0	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5	9.5	8.3
-80°	6.2	6.5	6.7	6.9	7.0	7.0	6.9	6.7	6.5	6.0	5.3
-82.5°	3.7	3.8	3.8	3.8	3.7	3.9	4.0	4.2	4.3	4.0	3.6
-85°	1.7	1.6	1.5	1.4	1.3	1.4	1.4	1.5	1.5	1.4	1.3
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-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: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4
85°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.5	1.5
82.5°	3.1	2.7	2.7	2.7	2.7	2.7	3.1	3.6	4.0	4.3	4.2
80°	4.7	4.0	4.1	4.2	4.1	4.0	4.7	5.3	6.0	6.5	6.7
77.5°	6.9	5.5	5.5	5.5	5.5	5.5	6.9	8.3	9.5	10.5	10.4
75°	9.2	7.6	7.5	7.5	7.5	7.6	9.2	10.7	12.2	13.4	13.3
72.5°	12.4	10.9	10.2	9.5	10.2	10.9	12.4	13.8	15.3	16.3	16.2
70°	19.3	19.3	18.7	17.8	18.7	19.3	19.3	19.3	19.3	19.4	19.3
67.5°	23.9	24.1	24.4	24.7	24.4	24.1	23.9	23.7	23.4	23.1	22.9
65°	29.4	29.3	29.4	29.5	29.4	29.3	29.4	29.2	28.9	28.7	28.4
62.5°	38.3	38.9	39.3	39.5	39.3	38.9	38.3	37.5	36.6	35.8	35.2
60°	44.2	44.7	45.4	46.1	45.4	44.7	44.2	43.6	42.8	42.0	41.2
57.5°	49.7	50.6	51.3	51.8	51.3	50.6	49.7	48.8	47.7	47.1	46.2
55°	54.9	55.9	56.8	57.7	56.8	55.9	54.9	53.7	52.5	52.3	51.6
52.5°	61.3	62.1	63.5	65.2	63.5	62.1	61.3	60.2	59.0	58.7	58.0
50°	69.5	70.7	72.4	74.5	72.4	70.7	69.5	68.0	66.7	66.1	65.5
47.5°	79.0	80.2	81.8	84.0	81.8	80.2	79.0	77.3	75.6	73.9	71.8
45°	104.0	107.0	109.7	112.6	109.7	107.0	104.0	99.7	95.1	88.9	81.6
42.5°	203.3	216.1	221.7	218.4	221.7	216.1	203.3	184.7	161.5	133.8	112.2
40°	365.2	386.6	399.2	403.5	399.2	386.6	365.2	334.8	294.9	248.3	207.4
37.5°	524.3	543.9	554.5	555.8	554.5	543.9	524.3	494.8	454.4	406.0	349.3
35°	653.4	669.5	679.1	686.3	679.1	669.5	653.4	629.0	595.2	550.3	494.4
32.5°	769.2	787.7	798.3	796.0	798.3	787.7	769.2	743.7	712.4	672.2	621.2
30°	877.5	897.7	910.2	910.6	910.2	897.7	877.5	849.4	815.0	774.1	728.6
27.5°	984.6	1007.2	1020.2	1030.5	1020.2	1007.2	984.6	951.7	911.1	868.0	817.9
25°	1098.8	1127.0	1143.7	1153.9	1143.7	1127.0	1098.8	1059.4	1012.1	961.7	905.5
22.5°	1221.9	1256.8	1279.8	1289.4	1279.8	1256.8	1221.9	1174.8	1117.6	1056.1	990.7
20°	1355.8	1399.2	1428.5	1427.6	1428.5	1399.2	1355.8	1296.0	1227.1	1153.0	1077.5
17.5°	1505.2	1561.2	1599.0	1604.4	1599.0	1561.2	1505.2	1426.2	1343.9	1257.8	1166.8
15°	1665.5	1737.5	1786.4	1801.6	1786.4	1737.5	1665.5	1572.5	1467.6	1364.5	1256.3
12.5°	1829.6	1915.3	1980.6	2002.2	1980.6	1915.3	1829.6	1719.4	1590.5	1470.5	1345.5
10°	1986.1	2081.0	2151.7	2183.1	2151.7	2081.0	1986.1	1855.3	1716.4	1574.4	1425.1
7.5°	2116.8	2213.3	2286.2	2312.0	2286.2	2213.3	2116.8	1985.2	1819.9	1661.8	1500.2
5°	2203.0	2308.4	2365.1	2396.9	2365.1	2308.4	2203.0	2065.1	1901.6	1728.3	1555.1
2.5°	2260.5	2349.9	2407.3	2436.7	2407.3	2349.9	2260.5	2124.8	1963.6	1774.5	1591.5
0°	2291.1	2382.1	2424.2	2438.5	2424.2	2382.1	2291.1	2155.3	1989.8	1793.4	1614.9
-2.5°	2260.5	2349.9	2407.3	2436.7	2407.3	2349.9	2260.5	2124.8	1963.6	1774.5	1591.5
-5°	2203.0	2308.4	2365.1	2396.9	2365.1	2308.4	2203.0	2065.1	1901.6	1728.3	1555.1
-7.5°	2116.8	2213.3	2286.2	2312.0	2286.2	2213.3	2116.8	1985.2	1819.9	1661.8	1500.2
-10°	1986.1	2081.0	2151.7	2183.1	2151.7	2081.0	1986.1	1855.3	1716.4	1574.4	1425.1
-12.5°	1829.6	1915.3	1980.6	2002.2	1980.6	1915.3	1829.6	1719.4	1590.5	1470.5	1345.5
-15°	1665.5	1737.5	1786.4	1801.6	1786.4	1737.5	1665.5	1572.5	1467.6	1364.5	1256.3
-17.5°	1505.2	1561.2	1599.0	1604.4	1599.0	1561.2	1505.2	1426.2	1343.9	1257.8	1166.8
-20°	1355.8	1399.2	1428.5	1427.6	1428.5	1399.2	1355.8	1296.0	1227.1	1153.0	1077.5



REPORT NUMBER: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1221.9	1256.8	1279.8	1289.4	1279.8	1256.8	1221.9	1174.8	1117.6	1056.1	990.7
-25°	1098.8	1127.0	1143.7	1153.9	1143.7	1127.0	1098.8	1059.4	1012.1	961.7	905.5
-27.5°	984.6	1007.2	1020.2	1030.5	1020.2	1007.2	984.6	951.7	911.1	868.0	817.9
-30°	877.5	897.7	910.2	910.6	910.2	897.7	877.5	849.4	815.0	774.1	728.6
-32.5°	769.2	787.7	798.3	796.0	798.3	787.7	769.2	743.7	712.4	672.2	621.2
-35°	653.4	669.5	679.1	686.3	679.1	669.5	653.4	629.0	595.2	550.3	494.4
-37.5°	524.3	543.9	554.5	555.8	554.5	543.9	524.3	494.8	454.4	406.0	349.3
-40°	365.2	386.6	399.2	403.5	399.2	386.6	365.2	334.8	294.9	248.3	207.4
-42.5°	203.3	216.1	221.7	218.4	221.7	216.1	203.3	184.7	161.5	133.8	112.2
-45°	104.0	107.0	109.7	112.6	109.7	107.0	104.0	99.7	95.1	88.9	81.6
-47.5°	79.0	80.2	81.8	84.0	81.8	80.2	79.0	77.3	75.6	73.9	71.8
-50°	69.5	70.7	72.4	74.5	72.4	70.7	69.5	68.0	66.7	66.1	65.5
-52.5°	61.3	62.1	63.5	65.2	63.5	62.1	61.3	60.2	59.0	58.7	58.0
-55°	54.9	55.9	56.8	57.7	56.8	55.9	54.9	53.7	52.5	52.3	51.6
-57.5°	49.7	50.6	51.3	51.8	51.3	50.6	49.7	48.8	47.7	47.1	46.2
-60°	44.2	44.7	45.4	46.1	45.4	44.7	44.2	43.6	42.8	42.0	41.2
-62.5°	38.3	38.9	39.3	39.5	39.3	38.9	38.3	37.5	36.6	35.8	35.2
-65°	29.4	29.3	29.4	29.5	29.4	29.3	29.4	29.2	28.9	28.7	28.4
-67.5°	23.9	24.1	24.4	24.7	24.4	24.1	23.9	23.7	23.4	23.1	22.9
-70°	19.3	19.3	18.7	17.8	18.7	19.3	19.3	19.3	19.3	19.4	19.3
-72.5°	12.4	10.9	10.2	9.5	10.2	10.9	12.4	13.8	15.3	16.3	16.2
-75°	9.2	7.6	7.5	7.5	7.5	7.6	9.2	10.7	12.2	13.4	13.3
-77.5°	6.9	5.5	5.5	5.5	5.5	5.5	6.9	8.3	9.5	10.5	10.4
-80°	4.7	4.0	4.1	4.2	4.1	4.0	4.7	5.3	6.0	6.5	6.7
-82.5°	3.1	2.7	2.7	2.7	2.7	2.7	3.1	3.6	4.0	4.3	4.2
-85°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.5	1.5
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	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



REPORT NUMBER: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.4	1.4	1.3	1.4	1.5	1.6	1.7	1.5	1.3	1.1	1.0
82.5°	4.0	3.9	3.7	3.8	3.8	3.8	3.7	3.2	2.8	2.4	2.1
80°	6.9	7.0	7.0	6.9	6.7	6.5	6.2	5.4	4.6	4.0	3.5
77.5°	10.3	10.2	10.1	9.9	9.7	9.5	9.0	7.8	6.6	5.6	5.0
75°	13.3	13.1	12.9	12.6	12.2	11.8	11.1	10.0	8.7	7.4	6.7
72.5°	16.1	15.9	15.6	15.2	14.7	14.2	13.6	12.5	11.3	9.7	9.0
70°	19.1	18.9	18.6	18.0	17.5	16.9	16.3	15.5	14.5	13.2	12.4
67.5°	22.6	22.2	21.8	21.3	20.7	20.0	19.5	18.9	18.1	16.9	16.1
65°	27.8	26.9	26.3	26.2	25.7	24.7	23.5	22.8	22.0	21.0	19.8
62.5°	34.7	34.3	33.2	32.1	31.2	30.5	29.1	27.6	26.3	25.1	23.7
60°	40.2	39.3	38.4	37.4	36.2	35.0	33.9	32.4	30.6	29.1	27.5
57.5°	45.1	44.2	43.6	42.6	41.2	40.0	38.7	37.2	35.4	33.3	31.4
55°	50.5	49.8	49.3	48.3	47.0	45.4	43.8	42.2	40.1	37.5	35.2
52.5°	57.1	56.2	55.3	54.3	52.8	50.8	48.9	47.0	44.6	41.8	38.9
50°	64.6	62.9	61.4	60.1	58.2	55.9	53.7	51.5	48.7	45.8	42.8
47.5°	70.4	68.9	67.1	65.2	63.0	60.7	58.1	55.5	52.5	49.5	46.3
45°	78.9	75.7	72.3	70.2	67.7	65.1	62.4	59.4	56.2	52.9	49.6
42.5°	101.1	89.0	81.2	76.8	72.7	69.8	66.5	63.2	59.8	56.3	52.8
40°	165.7	119.0	103.4	88.2	80.2	75.0	70.7	66.8	63.2	59.6	55.9
37.5°	284.3	218.1	164.2	115.5	97.3	82.0	75.7	70.7	66.5	62.7	58.9
35°	433.3	357.0	268.6	196.6	130.5	101.9	82.2	75.2	69.9	65.8	61.7
32.5°	562.7	488.4	403.0	303.9	213.0	137.5	101.5	81.2	73.7	68.8	64.5
30°	672.8	604.1	522.6	423.9	315.0	212.4	129.7	96.6	79.2	71.7	67.1
27.5°	762.6	701.0	624.6	534.9	423.8	303.2	196.8	115.7	87.5	76.0	69.6
25°	845.1	780.1	708.5	624.7	523.6	402.0	270.3	166.2	104.0	80.6	71.9
22.5°	923.4	854.4	780.8	699.6	606.0	489.9	358.5	222.4	120.5	89.0	75.5
20°	999.1	923.0	846.4	762.1	668.6	567.3	438.4	289.7	167.8	101.7	79.0
17.5°	1076.7	989.6	902.8	817.0	722.2	620.5	500.6	357.4	208.9	113.1	82.0
15°	1150.2	1052.9	957.1	862.7	768.0	664.9	552.5	417.7	249.7	136.2	90.4
12.5°	1224.6	1111.3	1007.4	901.6	806.5	702.0	589.4	458.8	297.5	164.5	98.8
10°	1291.9	1165.0	1049.7	937.7	835.2	731.5	619.0	491.9	336.9	187.8	105.7
7.5°	1349.7	1211.6	1084.9	967.2	858.2	756.2	644.4	518.2	366.5	205.7	111.1
5°	1394.2	1245.7	1111.9	991.3	876.2	773.0	663.0	537.4	386.5	218.4	115.0
2.5°	1421.0	1266.2	1127.8	1006.3	887.3	782.6	672.8	549.7	399.2	226.5	117.8
0°	1432.5	1272.5	1139.4	1016.4	891.6	786.7	672.6	554.3	403.9	229.6	119.2
-2.5°	1421.0	1266.2	1127.8	1006.3	887.3	782.6	672.8	549.7	399.2	226.5	117.8
-5°	1394.2	1245.7	1111.9	991.3	876.2	773.0	663.0	537.4	386.5	218.4	115.0
-7.5°	1349.7	1211.6	1084.9	967.2	858.2	756.2	644.4	518.2	366.5	205.7	111.1
-10°	1291.9	1165.0	1049.7	937.7	835.2	731.5	619.0	491.9	336.9	187.8	105.7
-12.5°	1224.6	1111.3	1007.4	901.6	806.5	702.0	589.4	458.8	297.5	164.5	98.8
-15°	1150.2	1052.9	957.1	862.7	768.0	664.9	552.5	417.7	249.7	136.2	90.4
-17.5°	1076.7	989.6	902.8	817.0	722.2	620.5	500.6	357.4	208.9	113.1	82.0
-20°	999.1	923.0	846.4	762.1	668.6	567.3	438.4	289.7	167.8	101.7	79.0



REPORT NUMBER: P558461 (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°	923.4	854.4	780.8	699.6	606.0	489.9	358.5	222.4	120.5	89.0	75.5
-25°	845.1	780.1	708.5	624.7	523.6	402.0	270.3	166.2	104.0	80.6	71.9
-27.5°	762.6	701.0	624.6	534.9	423.8	303.2	196.8	115.7	87.5	76.0	69.6
-30°	672.8	604.1	522.6	423.9	315.0	212.4	129.7	96.6	79.2	71.7	67.1
-32.5°	562.7	488.4	403.0	303.9	213.0	137.5	101.5	81.2	73.7	68.8	64.5
-35°	433.3	357.0	268.6	196.6	130.5	101.9	82.2	75.2	69.9	65.8	61.7
-37.5°	284.3	218.1	164.2	115.5	97.3	82.0	75.7	70.7	66.5	62.7	58.9
-40°	165.7	119.0	103.4	88.2	80.2	75.0	70.7	66.8	63.2	59.6	55.9
-42.5°	101.1	89.0	81.2	76.8	72.7	69.8	66.5	63.2	59.8	56.3	52.8
-45°	78.9	75.7	72.3	70.2	67.7	65.1	62.4	59.4	56.2	52.9	49.6
-47.5°	70.4	68.9	67.1	65.2	63.0	60.7	58.1	55.5	52.5	49.5	46.3
-50°	64.6	62.9	61.4	60.1	58.2	55.9	53.7	51.5	48.7	45.8	42.8
-52.5°	57.1	56.2	55.3	54.3	52.8	50.8	48.9	47.0	44.6	41.8	38.9
-55°	50.5	49.8	49.3	48.3	47.0	45.4	43.8	42.2	40.1	37.5	35.2
-57.5°	45.1	44.2	43.6	42.6	41.2	40.0	38.7	37.2	35.4	33.3	31.4
-60°	40.2	39.3	38.4	37.4	36.2	35.0	33.9	32.4	30.6	29.1	27.5
-62.5°	34.7	34.3	33.2	32.1	31.2	30.5	29.1	27.6	26.3	25.1	23.7
-65°	27.8	26.9	26.3	26.2	25.7	24.7	23.5	22.8	22.0	21.0	19.8
-67.5°	22.6	22.2	21.8	21.3	20.7	20.0	19.5	18.9	18.1	16.9	16.1
-70°	19.1	18.9	18.6	18.0	17.5	16.9	16.3	15.5	14.5	13.2	12.4
-72.5°	16.1	15.9	15.6	15.2	14.7	14.2	13.6	12.5	11.3	9.7	9.0
-75°	13.3	13.1	12.9	12.6	12.2	11.8	11.1	10.0	8.7	7.4	6.7
-77.5°	10.3	10.2	10.1	9.9	9.7	9.5	9.0	7.8	6.6	5.6	5.0
-80°	6.9	7.0	7.0	6.9	6.7	6.5	6.2	5.4	4.6	4.0	3.5
-82.5°	4.0	3.9	3.7	3.8	3.8	3.8	3.7	3.2	2.8	2.4	2.1
-85°	1.4	1.4	1.3	1.4	1.5	1.6	1.7	1.5	1.3	1.1	1.0
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558461 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4
85°	1.0	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
82.5°	2.2	2.2	2.3	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.1
80°	3.7	3.9	3.9	3.8	3.4	3.1	2.9	2.6	2.4	2.2	1.8
77.5°	5.4	5.6	5.7	5.6	5.1	4.6	4.1	3.7	3.4	3.1	2.7
75°	7.0	7.4	7.6	7.5	6.8	6.0	5.4	4.9	4.5	4.0	3.6
72.5°	9.1	9.3	9.5	9.4	8.9	8.1	7.1	6.2	5.7	5.2	4.5
70°	11.9	11.4	11.3	11.2	10.9	10.3	9.2	8.0	7.0	6.3	5.6
67.5°	15.3	14.6	13.9	13.1	12.7	12.2	11.4	9.9	8.6	7.5	6.6
65°	18.7	17.8	16.9	15.7	14.8	14.1	13.2	11.7	10.1	8.8	7.7
62.5°	22.2	20.8	19.6	18.2	17.0	16.0	15.1	13.4	11.6	10.0	8.7
60°	25.8	24.1	22.3	20.7	19.2	17.8	16.6	15.0	13.1	11.1	9.6
57.5°	29.5	27.5	25.3	23.2	21.4	19.7	18.1	16.4	14.5	12.4	10.5
55°	33.2	31.0	28.2	25.7	23.6	21.6	19.6	17.7	15.8	13.6	11.1
52.5°	36.4	34.1	31.4	28.4	25.8	23.5	21.2	19.0	17.0	14.8	11.8
50°	39.7	36.8	34.3	31.3	27.9	25.3	22.8	20.4	18.2	16.0	12.5
47.5°	43.1	39.8	36.8	34.0	30.6	27.1	24.4	21.8	19.3	17.0	13.2
45°	46.2	42.8	39.4	36.2	33.0	29.2	26.0	23.1	20.5	17.5	13.7
42.5°	49.3	45.7	42.0	38.4	35.1	31.2	27.5	24.5	21.6	17.9	14.1
40°	52.1	48.4	44.6	40.8	37.1	33.0	29.2	25.8	22.6	18.2	14.4
37.5°	54.9	50.9	46.9	43.1	39.2	35.0	30.7	27.1	23.1	18.6	14.6
35°	57.5	53.3	49.3	45.3	41.2	36.9	32.0	28.3	23.8	18.9	14.7
32.5°	60.0	55.7	51.6	47.4	43.1	38.9	33.6	29.4	24.7	19.2	14.7
30°	62.5	58.0	53.7	49.4	44.9	40.5	35.3	30.5	25.8	19.3	14.7
27.5°	64.9	60.1	55.6	51.2	46.6	42.0	37.0	31.6	27.0	19.7	14.8
25°	67.0	62.1	57.5	52.9	48.2	43.5	38.6	32.6	28.0	20.5	14.8
22.5°	69.0	64.0	59.1	54.4	49.8	44.9	39.9	33.9	28.8	21.3	14.8
20°	70.8	65.6	60.7	56.1	51.2	46.2	41.0	35.1	29.5	22.2	14.7
17.5°	72.6	67.2	62.4	57.6	52.6	47.4	42.0	36.1	30.3	23.0	14.6
15°	75.4	69.0	64.0	59.0	53.8	48.5	43.0	37.0	30.9	23.8	14.5
12.5°	78.0	70.6	65.5	60.3	54.9	49.4	43.9	37.8	31.5	24.4	14.6
10°	80.2	72.0	66.7	61.6	55.9	50.2	44.6	38.4	31.9	24.6	14.6
7.5°	82.0	73.3	67.8	62.6	56.8	51.0	45.3	39.0	32.4	24.6	14.4
5°	83.5	74.6	69.2	63.8	57.9	51.7	45.9	39.4	32.8	24.5	14.2
2.5°	85.2	76.2	70.7	64.8	58.9	52.4	46.4	39.7	33.1	24.1	14.0
0°	86.6	77.6	72.1	65.7	59.7	52.9	46.7	39.9	33.3	23.6	13.7
-2.5°	85.2	76.2	70.7	64.8	58.9	52.4	46.4	39.7	33.1	24.1	14.0
-5°	83.5	74.6	69.2	63.8	57.9	51.7	45.9	39.4	32.8	24.5	14.2
-7.5°	82.0	73.3	67.8	62.6	56.8	51.0	45.3	39.0	32.4	24.6	14.4
-10°	80.2	72.0	66.7	61.6	55.9	50.2	44.6	38.4	31.9	24.6	14.6
-12.5°	78.0	70.6	65.5	60.3	54.9	49.4	43.9	37.8	31.5	24.4	14.6
-15°	75.4	69.0	64.0	59.0	53.8	48.5	43.0	37.0	30.9	23.8	14.5
-17.5°	72.6	67.2	62.4	57.6	52.6	47.4	42.0	36.1	30.3	23.0	14.6
-20°	70.8	65.6	60.7	56.1	51.2	46.2	41.0	35.1	29.5	22.2	14.7



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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°	69.0	64.0	59.1	54.4	49.8	44.9	39.9	33.9	28.8	21.3	14.8
-25°	67.0	62.1	57.5	52.9	48.2	43.5	38.6	32.6	28.0	20.5	14.8
-27.5°	64.9	60.1	55.6	51.2	46.6	42.0	37.0	31.6	27.0	19.7	14.8
-30°	62.5	58.0	53.7	49.4	44.9	40.5	35.3	30.5	25.8	19.3	14.7
-32.5°	60.0	55.7	51.6	47.4	43.1	38.9	33.6	29.4	24.7	19.2	14.7
-35°	57.5	53.3	49.3	45.3	41.2	36.9	32.0	28.3	23.8	18.9	14.7
-37.5°	54.9	50.9	46.9	43.1	39.2	35.0	30.7	27.1	23.1	18.6	14.6
-40°	52.1	48.4	44.6	40.8	37.1	33.0	29.2	25.8	22.6	18.2	14.4
-42.5°	49.3	45.7	42.0	38.4	35.1	31.2	27.5	24.5	21.6	17.9	14.1
-45°	46.2	42.8	39.4	36.2	33.0	29.2	26.0	23.1	20.5	17.5	13.7
-47.5°	43.1	39.8	36.8	34.0	30.6	27.1	24.4	21.8	19.3	17.0	13.2
-50°	39.7	36.8	34.3	31.3	27.9	25.3	22.8	20.4	18.2	16.0	12.5
-52.5°	36.4	34.1	31.4	28.4	25.8	23.5	21.2	19.0	17.0	14.8	11.8
-55°	33.2	31.0	28.2	25.7	23.6	21.6	19.6	17.7	15.8	13.6	11.1
-57.5°	29.5	27.5	25.3	23.2	21.4	19.7	18.1	16.4	14.5	12.4	10.5
-60°	25.8	24.1	22.3	20.7	19.2	17.8	16.6	15.0	13.1	11.1	9.6
-62.5°	22.2	20.8	19.6	18.2	17.0	16.0	15.1	13.4	11.6	10.0	8.7
-65°	18.7	17.8	16.9	15.7	14.8	14.1	13.2	11.7	10.1	8.8	7.7
-67.5°	15.3	14.6	13.9	13.1	12.7	12.2	11.4	9.9	8.6	7.5	6.6
-70°	11.9	11.4	11.3	11.2	10.9	10.3	9.2	8.0	7.0	6.3	5.6
-72.5°	9.1	9.3	9.5	9.4	8.9	8.1	7.1	6.2	5.7	5.2	4.5
-75°	7.0	7.4	7.6	7.5	6.8	6.0	5.4	4.9	4.5	4.0	3.6
-77.5°	5.4	5.6	5.7	5.6	5.1	4.6	4.1	3.7	3.4	3.1	2.7
-80°	3.7	3.9	3.9	3.8	3.4	3.1	2.9	2.6	2.4	2.2	1.8
-82.5°	2.2	2.2	2.3	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.1
-85°	1.0	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
-87.5°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	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°	0.3	0.3	0.2	0.1	0.1	0.0	0.0
85°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
80°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
77.5°	2.2	1.4	0.9	0.6	0.4	0.2	0.0
75°	2.9	2.0	1.2	0.8	0.5	0.2	0.0
72.5°	3.7	2.6	1.6	0.9	0.5	0.3	0.0
70°	4.4	3.1	2.0	1.0	0.6	0.3	0.0
67.5°	5.3	3.7	2.4	1.3	0.7	0.3	0.0
65°	6.1	4.3	2.8	1.6	0.8	0.4	0.0
62.5°	6.9	4.9	3.2	1.9	0.8	0.4	0.0
60°	7.6	5.5	3.6	2.1	0.9	0.4	0.0
57.5°	8.2	6.0	4.0	2.4	1.1	0.5	0.0
55°	8.6	6.5	4.4	2.6	1.2	0.5	0.0
52.5°	9.0	7.0	4.7	2.8	1.4	0.5	0.0
50°	9.3	7.2	5.1	3.0	1.5	0.6	0.0
47.5°	9.6	7.4	5.4	3.2	1.7	0.6	0.0
45°	10.0	7.6	5.7	3.5	1.8	0.6	0.0
42.5°	10.4	7.6	6.0	3.7	1.9	0.7	0.0
40°	10.7	7.7	6.1	3.9	2.0	0.7	0.0
37.5°	11.0	7.7	6.1	4.1	2.1	0.7	0.0
35°	11.2	7.8	6.1	4.3	2.2	0.7	0.0
32.5°	11.3	7.9	6.1	4.5	2.3	0.8	0.0
30°	11.3	8.0	6.0	4.7	2.4	0.8	0.0
27.5°	11.2	8.0	6.1	4.9	2.5	0.8	0.0
25°	11.1	8.0	6.2	5.1	2.6	0.8	0.0
22.5°	10.9	8.0	6.2	5.2	2.7	0.8	0.0
20°	10.7	8.2	6.3	5.4	2.7	0.8	0.0
17.5°	10.7	8.4	6.3	5.6	2.8	0.9	0.0
15°	10.9	8.6	6.3	5.7	2.8	0.9	0.0
12.5°	11.0	8.7	6.4	5.8	2.8	0.9	0.0
10°	11.1	8.8	6.4	5.9	2.9	0.9	0.0
7.5°	11.2	8.9	6.4	6.0	2.9	0.9	0.0
5°	11.2	8.9	6.4	6.1	2.9	0.9	0.0
2.5°	11.2	9.0	6.4	6.2	2.9	0.9	0.0
0°	11.2	9.0	6.4	6.2	2.9	0.9	0.0
-2.5°	11.2	9.0	6.4	6.2	2.9	0.9	0.0
-5°	11.2	8.9	6.4	6.1	2.9	0.9	0.0
-7.5°	11.2	8.9	6.4	6.0	2.9	0.9	0.0
-10°	11.1	8.8	6.4	5.9	2.9	0.9	0.0
-12.5°	11.0	8.7	6.4	5.8	2.8	0.9	0.0
-15°	10.9	8.6	6.3	5.7	2.8	0.9	0.0
-17.5°	10.7	8.4	6.3	5.6	2.8	0.9	0.0
-20°	10.7	8.2	6.3	5.4	2.7	0.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.9	8.0	6.2	5.2	2.7	0.8	0.0
-25°	11.1	8.0	6.2	5.1	2.6	0.8	0.0
-27.5°	11.2	8.0	6.1	4.9	2.5	0.8	0.0
-30°	11.3	8.0	6.0	4.7	2.4	0.8	0.0
-32.5°	11.3	7.9	6.1	4.5	2.3	0.8	0.0
-35°	11.2	7.8	6.1	4.3	2.2	0.7	0.0
-37.5°	11.0	7.7	6.1	4.1	2.1	0.7	0.0
-40°	10.7	7.7	6.1	3.9	2.0	0.7	0.0
-42.5°	10.4	7.6	6.0	3.7	1.9	0.7	0.0
-45°	10.0	7.6	5.7	3.5	1.8	0.6	0.0
-47.5°	9.6	7.4	5.4	3.2	1.7	0.6	0.0
-50°	9.3	7.2	5.1	3.0	1.5	0.6	0.0
-52.5°	9.0	7.0	4.7	2.8	1.4	0.5	0.0
-55°	8.6	6.5	4.4	2.6	1.2	0.5	0.0
-57.5°	8.2	6.0	4.0	2.4	1.1	0.5	0.0
-60°	7.6	5.5	3.6	2.1	0.9	0.4	0.0
-62.5°	6.9	4.9	3.2	1.9	0.8	0.4	0.0
-65°	6.1	4.3	2.8	1.6	0.8	0.4	0.0
-67.5°	5.3	3.7	2.4	1.3	0.7	0.3	0.0
-70°	4.4	3.1	2.0	1.0	0.6	0.3	0.0
-72.5°	3.7	2.6	1.6	0.9	0.5	0.3	0.0
-75°	2.9	2.0	1.2	0.8	0.5	0.2	0.0
-77.5°	2.2	1.4	0.9	0.6	0.4	0.2	0.0
-80°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
-82.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
-85°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)