

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: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558503 (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-SA1B-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**

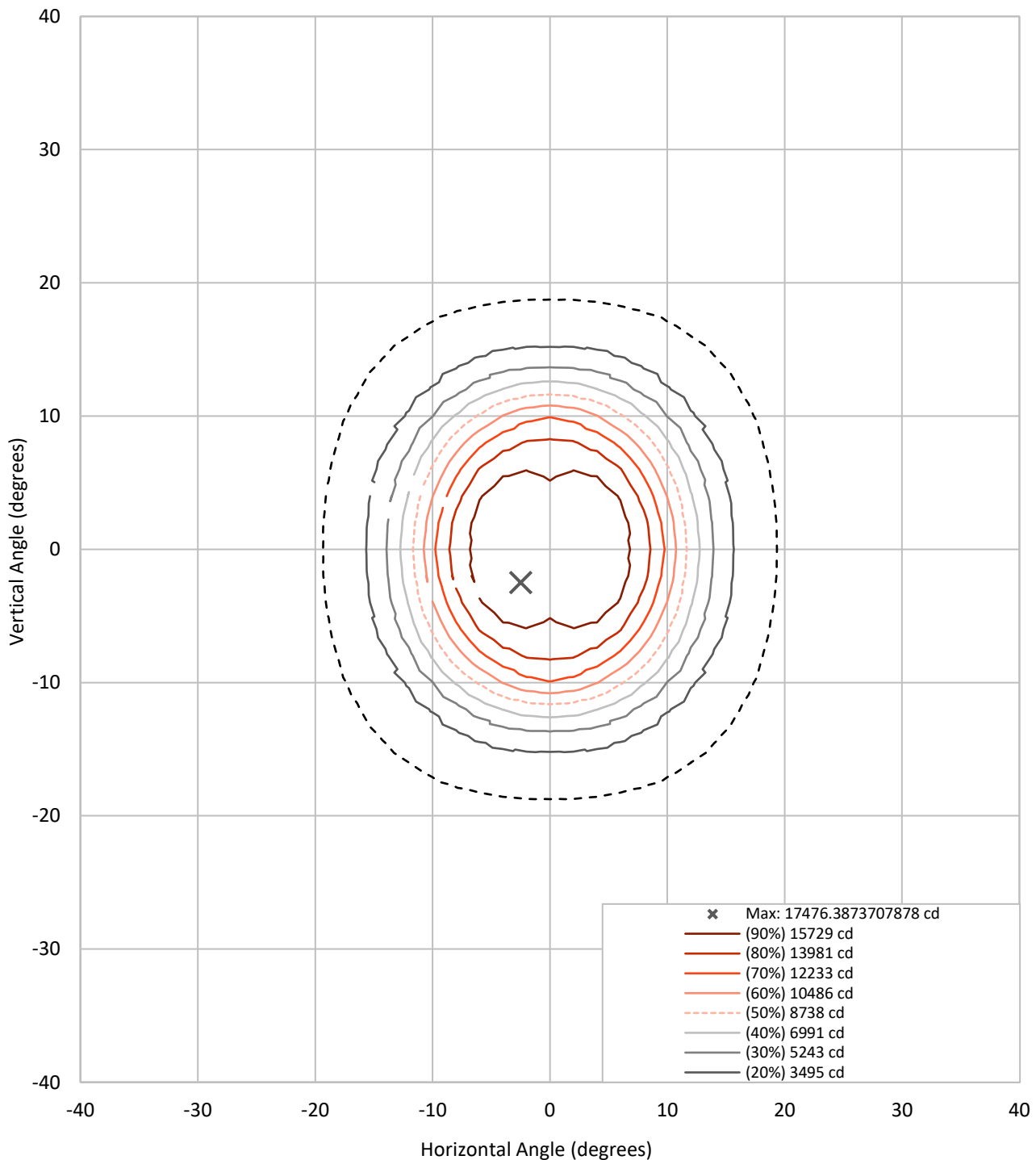
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3304.8 lumens	Max Intensity:	17476.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	1784.1 lumens	Field Lumens:	2690.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





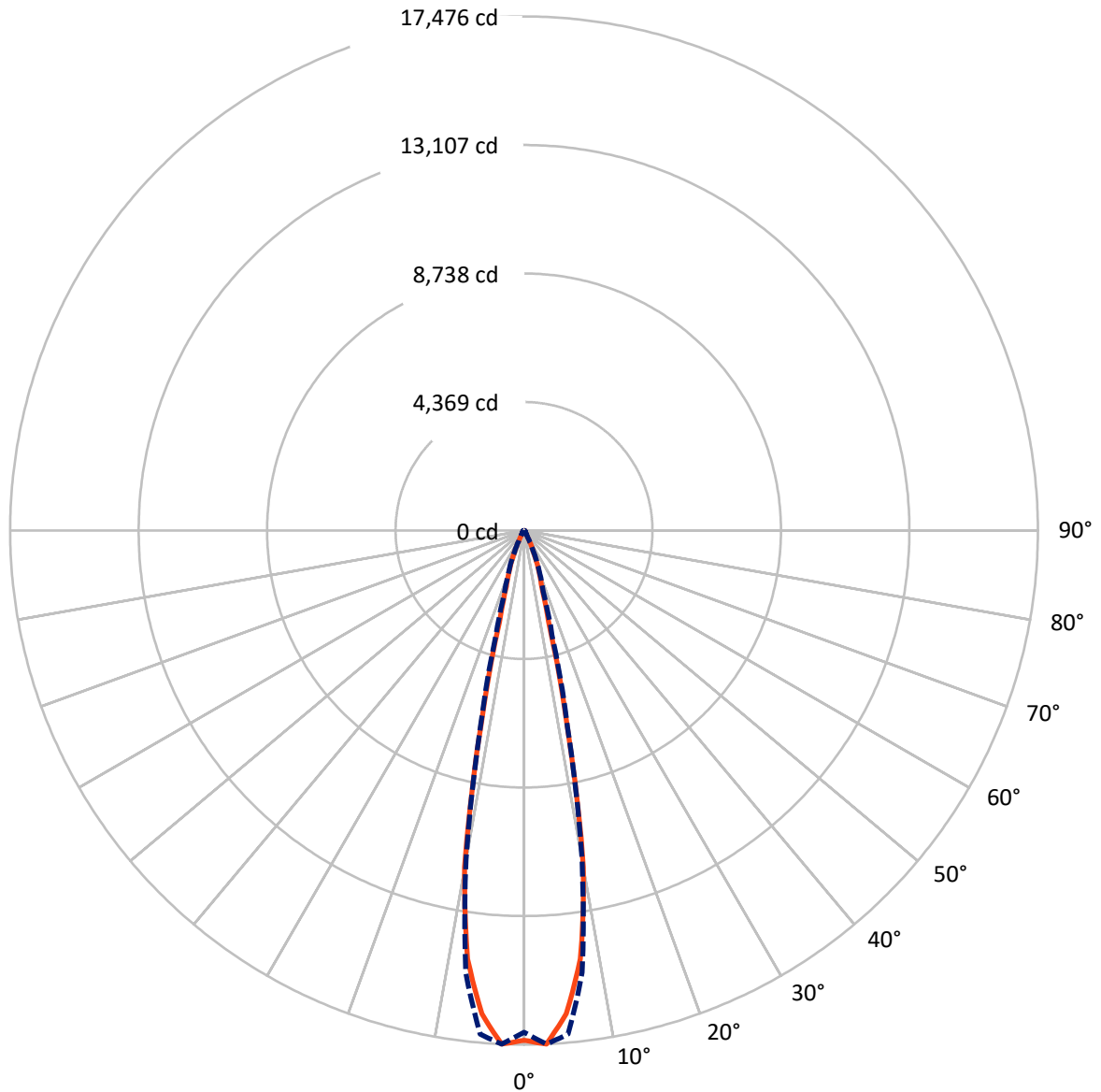
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### Lumen Table

90																
80	0.0	0.3		0.9		1.4		1.7		1.4		0.9		0.3		0.0
70																
60	0.2	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.2
50		0.3	0.5	0.8	1.1	1.3	1.4	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.3	
40	0.3	0.3	0.7	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.7	0.3	0.3
30		0.4	0.8	1.1	1.5	2.1	2.7	3.2	3.2	2.7	2.1	1.5	1.1	0.8	0.4	
20	0.4	0.5	0.8	1.2	1.9	3.4	10.2	19.8	19.8	10.2	3.4	1.9	1.2	0.8	0.5	0.4
10		0.5	0.9	1.3	2.3	10.0	46.3	119.0	119.0	46.3	10.0	2.3	1.3	0.9	0.5	
0	0.4	0.5	0.9	1.4	2.8	19.5	120.5	425.6	425.6	120.5	19.5	2.8	1.4	0.9	0.5	0.4
-10		0.5	0.9	1.4	2.8	19.5	120.5	425.6	425.6	120.5	19.5	2.8	1.4	0.9	0.5	
-20	0.4	0.5	0.9	1.3	2.3	10.0	46.3	119.0	119.0	46.3	10.0	2.3	1.3	0.9	0.5	0.4
-30		0.5	0.8	1.2	1.9	3.4	10.2	19.8	19.8	10.2	3.4	1.9	1.2	0.8	0.5	
-40	0.3	0.4	0.8	1.1	1.5	2.1	2.7	3.2	3.2	2.7	2.1	1.5	1.1	0.8	0.4	0.3
-50		0.3	0.7	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.7	0.3	
-60	0.2	0.3	0.5	0.8	1.1	1.3	1.4	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.3	0.2
-70		0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.6	0.4	0.2	
-80																
-90	0.0	0.3		0.9		1.4		1.7		1.4		0.9		0.3		0.0

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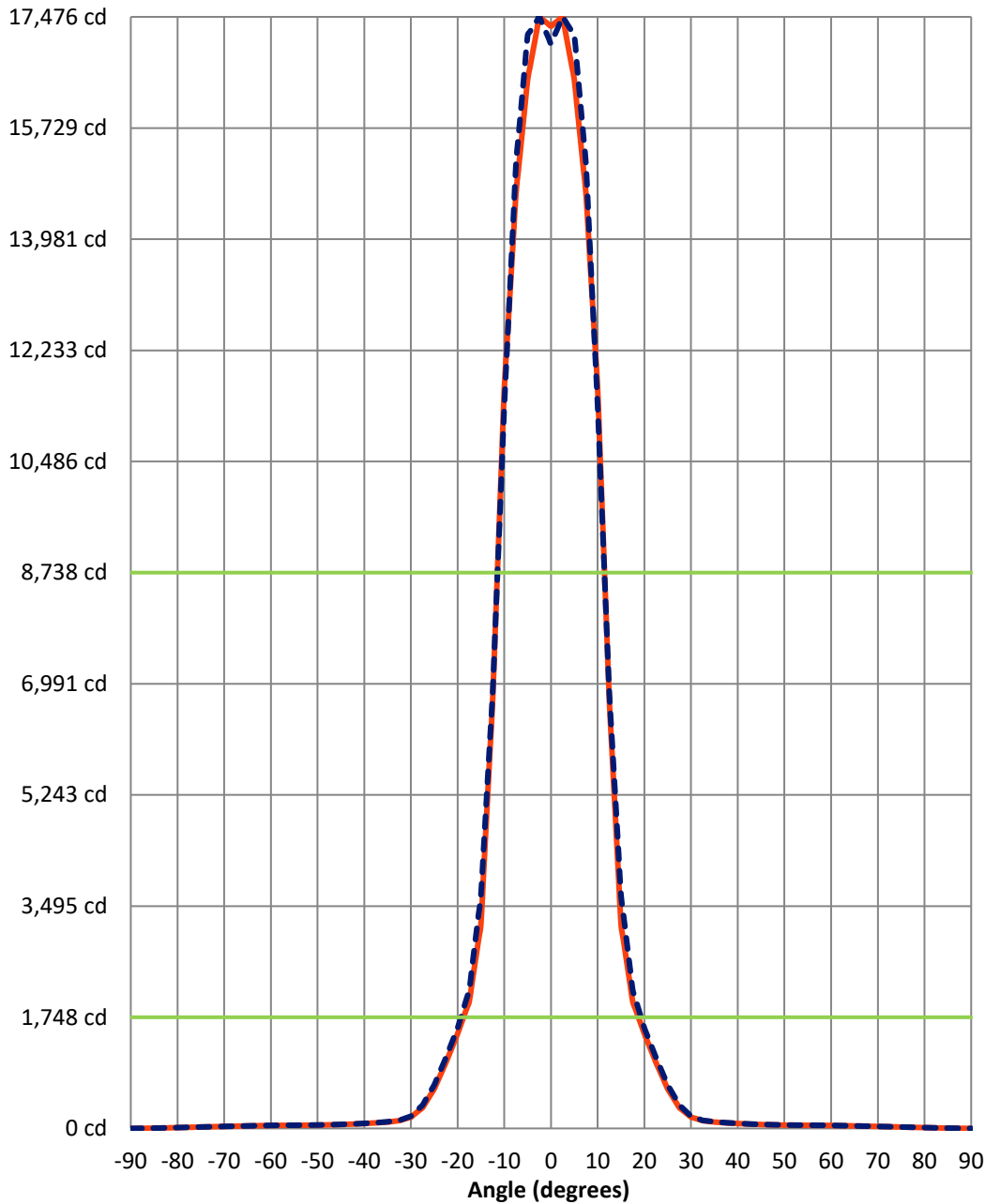
### Luminous Intensity Polar Plot



— 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: 1784.1  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 2690.6  
Efficiency: 81.4%

**Spill:**  
Lumens: 614.2  
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	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.7
80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.4	3.9
77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.7	3.3	3.9	4.5	5.2
75°	0.0	0.5	1.0	1.5	2.0	2.7	3.4	4.1	4.8	5.8	6.6
72.5°	0.0	0.6	1.1	1.7	2.5	3.3	4.0	4.9	6.0	7.0	8.0
70°	0.0	0.6	1.3	2.0	2.9	3.9	4.7	6.0	7.2	8.3	9.7
67.5°	0.0	0.7	1.5	2.3	3.4	4.4	5.6	7.0	8.3	9.9	11.5
65°	0.0	0.8	1.6	2.7	3.9	5.1	6.5	8.0	9.7	11.5	13.2
62.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.4	9.1	11.1	13.0	15.0
60°	0.0	0.9	1.9	3.4	4.8	6.5	8.2	10.3	12.4	14.6	16.7
57.5°	0.0	1.0	2.1	3.7	5.3	7.1	9.2	11.5	13.8	16.1	18.4
55°	0.0	1.1	2.3	4.0	5.8	7.8	10.1	12.6	15.1	17.6	20.1
52.5°	0.0	1.2	2.5	4.3	6.3	8.4	11.1	13.7	16.4	19.1	21.7
50°	0.0	1.2	2.8	4.7	6.8	9.2	12.0	14.8	17.7	20.5	23.4
47.5°	0.0	1.3	3.0	5.0	7.2	9.9	12.8	15.9	18.9	21.9	25.0
45°	0.0	1.3	3.1	5.3	7.7	10.6	13.7	17.0	20.1	23.3	26.6
42.5°	0.0	1.4	3.3	5.6	8.1	11.3	14.6	18.0	21.2	24.7	28.0
40°	0.0	1.5	3.5	5.9	8.6	11.9	15.4	18.9	22.3	26.0	29.3
37.5°	0.0	1.5	3.7	6.2	9.0	12.5	16.2	19.8	23.5	27.2	30.5
35°	0.0	1.6	3.8	6.4	9.5	13.1	17.0	20.7	24.5	28.2	31.7
32.5°	0.0	1.6	4.0	6.7	9.9	13.7	17.7	21.5	25.5	29.2	32.8
30°	0.0	1.6	4.1	6.9	10.3	14.3	18.4	22.3	26.4	30.1	33.9
27.5°	0.0	1.7	4.2	7.1	10.7	14.8	19.0	23.1	27.2	30.9	34.8
25°	0.0	1.7	4.3	7.3	11.1	15.3	19.6	23.7	27.9	31.7	35.7
22.5°	0.0	1.8	4.4	7.5	11.4	15.7	20.1	24.3	28.5	32.4	36.4
20°	0.0	1.8	4.5	7.7	11.7	16.1	20.6	24.9	29.0	33.0	37.1
17.5°	0.0	1.8	4.6	7.8	12.0	16.5	21.0	25.4	29.5	33.5	37.6
15°	0.0	1.8	4.7	8.0	12.2	16.8	21.3	25.8	30.0	34.0	38.1
12.5°	0.0	1.9	4.8	8.1	12.4	17.0	21.6	26.1	30.4	34.3	38.5
10°	0.0	1.9	4.8	8.1	12.6	17.2	21.9	26.4	30.7	34.7	38.9
7.5°	0.0	1.9	4.8	8.2	12.8	17.4	22.1	26.6	30.9	35.0	39.1
5°	0.0	1.9	4.9	8.3	12.9	17.5	22.2	26.8	31.1	35.2	39.3
2.5°	0.0	1.9	4.9	8.3	13.0	17.6	22.3	26.9	31.2	35.4	39.3
0°	0.0	1.9	4.9	8.3	13.0	17.6	22.3	26.9	31.2	35.5	39.3
-2.5°	0.0	1.9	4.9	8.3	13.0	17.6	22.3	26.9	31.2	35.5	39.3
-5°	0.0	1.9	4.9	8.3	12.9	17.5	22.2	26.8	31.1	35.2	39.3
-7.5°	0.0	1.9	4.8	8.2	12.8	17.4	22.1	26.6	30.9	35.0	39.1
-10°	0.0	1.9	4.8	8.1	12.6	17.2	21.9	26.4	30.7	34.7	38.9
-12.5°	0.0	1.9	4.8	8.1	12.4	17.0	21.6	26.1	30.4	34.3	38.5
-15°	0.0	1.8	4.7	8.0	12.2	16.8	21.3	25.8	30.0	34.0	38.1
-17.5°	0.0	1.8	4.6	7.8	12.0	16.5	21.0	25.4	29.5	33.5	37.6
-20°	0.0	1.8	4.5	7.7	11.7	16.1	20.6	24.9	29.0	33.0	37.1



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 CATALOG NUMBER: GFLD-SA1B-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	1.8	4.4	7.5	11.4	15.7	20.1	24.3	28.5	32.4	36.4
-25°	0.0	1.7	4.3	7.3	11.1	15.3	19.6	23.7	27.9	31.7	35.7
-27.5°	0.0	1.7	4.2	7.1	10.7	14.8	19.0	23.1	27.2	30.9	34.8
-30°	0.0	1.6	4.1	6.9	10.3	14.3	18.4	22.3	26.4	30.1	33.9
-32.5°	0.0	1.6	4.0	6.7	9.9	13.7	17.7	21.5	25.5	29.2	32.8
-35°	0.0	1.6	3.8	6.4	9.5	13.1	17.0	20.7	24.5	28.2	31.7
-37.5°	0.0	1.5	3.7	6.2	9.0	12.5	16.2	19.8	23.5	27.2	30.5
-40°	0.0	1.5	3.5	5.9	8.6	11.9	15.4	18.9	22.3	26.0	29.3
-42.5°	0.0	1.4	3.3	5.6	8.1	11.3	14.6	18.0	21.2	24.7	28.0
-45°	0.0	1.3	3.1	5.3	7.7	10.6	13.7	17.0	20.1	23.3	26.6
-47.5°	0.0	1.3	3.0	5.0	7.2	9.9	12.8	15.9	18.9	21.9	25.0
-50°	0.0	1.2	2.8	4.7	6.8	9.2	12.0	14.8	17.7	20.5	23.4
-52.5°	0.0	1.2	2.5	4.3	6.3	8.4	11.1	13.7	16.4	19.1	21.7
-55°	0.0	1.1	2.3	4.0	5.8	7.8	10.1	12.6	15.1	17.6	20.1
-57.5°	0.0	1.0	2.1	3.7	5.3	7.1	9.2	11.5	13.8	16.1	18.4
-60°	0.0	0.9	1.9	3.4	4.8	6.5	8.2	10.3	12.4	14.6	16.7
-62.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.4	9.1	11.1	13.0	15.0
-65°	0.0	0.8	1.6	2.7	3.9	5.1	6.5	8.0	9.7	11.5	13.2
-67.5°	0.0	0.7	1.5	2.3	3.4	4.4	5.6	7.0	8.3	9.9	11.5
-70°	0.0	0.6	1.3	2.0	2.9	3.9	4.7	6.0	7.2	8.3	9.7
-72.5°	0.0	0.6	1.1	1.7	2.5	3.3	4.0	4.9	6.0	7.0	8.0
-75°	0.0	0.5	1.0	1.5	2.0	2.7	3.4	4.1	4.8	5.8	6.6
-77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.7	3.3	3.9	4.5	5.2
-80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.4	2.9	3.4	3.9
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.3	2.7
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
-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°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	1.8	1.9	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.4
82.5°	3.0	3.3	3.6	3.8	4.1	4.3	4.5	4.8	5.2	5.5	5.9
80°	4.4	4.7	5.2	5.7	6.1	6.6	7.1	7.6	8.0	8.4	8.9
77.5°	5.9	6.5	7.1	7.8	8.4	9.2	9.9	10.6	11.2	11.9	12.5
75°	7.4	8.2	9.2	10.1	11.1	12.0	12.8	13.7	14.5	15.3	16.1
72.5°	9.1	10.3	11.5	12.6	13.8	14.9	15.9	16.9	18.0	19.0	20.0
70°	11.1	12.4	13.8	15.2	16.6	17.9	19.2	20.5	21.7	22.9	23.8
67.5°	13.0	14.6	16.3	17.9	19.4	20.9	22.4	23.8	25.1	26.3	27.4
65°	15.0	16.8	18.6	20.4	22.1	23.8	25.5	27.0	28.4	29.7	30.9
62.5°	17.0	18.9	20.9	22.9	24.9	26.7	28.4	30.1	31.6	33.0	34.4
60°	18.9	21.0	23.2	25.4	27.5	29.5	31.3	33.0	34.7	36.2	37.6
57.5°	20.7	23.0	25.4	27.8	30.0	32.2	34.1	35.9	37.5	39.1	40.5
55°	22.6	25.0	27.6	30.0	32.4	34.6	36.7	38.5	40.2	41.6	43.0
52.5°	24.4	27.0	29.6	32.2	34.6	37.0	39.1	40.9	42.5	43.9	45.1
50°	26.2	28.9	31.6	34.2	36.7	39.1	41.2	43.0	44.5	45.8	47.0
47.5°	27.9	30.7	33.4	36.1	38.7	41.0	43.1	44.8	46.3	47.4	48.5
45°	29.5	32.4	35.2	37.9	40.5	42.8	44.7	46.4	47.7	48.9	50.0
42.5°	31.0	34.1	37.0	39.6	42.2	44.4	46.3	47.8	49.1	50.3	51.5
40°	32.5	35.7	38.6	41.2	43.7	45.8	47.5	49.1	50.5	51.8	53.1
37.5°	33.9	37.2	40.2	42.8	45.0	47.0	48.7	50.3	51.9	53.4	55.1
35°	35.3	38.6	41.6	44.2	46.4	48.1	49.9	51.6	53.4	55.3	57.3
32.5°	36.6	40.0	43.0	45.4	47.4	49.1	51.0	53.1	55.2	57.3	59.8
30°	37.7	41.2	44.2	46.5	48.3	50.1	52.3	54.6	57.1	59.6	62.4
27.5°	38.7	42.3	45.2	47.3	49.1	50.9	53.3	56.3	59.0	61.6	64.8
25°	39.6	43.2	46.0	48.0	49.7	51.6	54.1	57.3	60.6	63.5	67.9
22.5°	40.4	44.1	46.8	48.7	50.2	52.3	54.8	57.9	61.4	65.0	71.1
20°	41.1	44.7	47.5	49.2	50.6	52.7	55.2	58.3	62.2	67.4	74.1
17.5°	41.6	45.3	48.0	49.6	51.1	53.1	55.3	58.6	63.1	69.6	77.0
15°	42.1	45.9	48.4	49.9	51.4	53.4	55.8	59.2	64.5	71.6	79.6
12.5°	42.6	46.5	48.8	50.2	51.7	53.6	56.3	60.3	66.0	73.6	82.4
10°	42.9	47.0	49.1	50.4	51.8	53.8	56.8	61.1	67.4	75.4	84.9
7.5°	43.2	47.4	49.3	50.5	51.8	53.9	57.2	61.7	68.3	77.0	87.1
5°	43.4	47.7	49.5	50.6	51.8	53.9	57.5	62.0	69.0	78.1	88.7
2.5°	43.6	47.8	49.7	50.7	51.7	53.9	57.7	62.6	69.7	79.0	89.7
0°	43.6	47.9	49.8	50.7	51.6	53.8	57.8	63.1	70.2	79.4	90.0
-2.5°	43.6	47.9	49.8	50.7	51.6	53.8	57.8	63.1	70.2	79.4	90.0
-5°	43.4	47.7	49.5	50.6	51.8	53.9	57.5	62.0	69.0	78.1	88.7
-7.5°	43.2	47.4	49.3	50.5	51.8	53.9	57.2	61.7	68.3	77.0	87.1
-10°	42.9	47.0	49.1	50.4	51.8	53.8	56.8	61.1	67.4	75.4	84.9
-12.5°	42.6	46.5	48.8	50.2	51.7	53.6	56.3	60.3	66.0	73.6	82.4
-15°	42.1	45.9	48.4	49.9	51.4	53.4	55.8	59.2	64.5	71.6	79.6
-17.5°	41.6	45.3	48.0	49.6	51.1	53.1	55.3	58.6	63.1	69.6	77.0
-20°	41.1	44.7	47.5	49.2	50.6	52.7	55.2	58.3	62.2	67.4	74.1



REPORT NUMBER: P558503 (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°	40.4	44.1	46.8	48.7	50.2	52.3	54.8	57.9	61.4	65.0	71.1
-25°	39.6	43.2	46.0	48.0	49.7	51.6	54.1	57.3	60.6	63.5	67.9
-27.5°	38.7	42.3	45.2	47.3	49.1	50.9	53.3	56.3	59.0	61.6	64.8
-30°	37.7	41.2	44.2	46.5	48.3	50.1	52.3	54.6	57.1	59.6	62.4
-32.5°	36.6	40.0	43.0	45.4	47.4	49.1	51.0	53.1	55.2	57.3	59.8
-35°	35.3	38.6	41.6	44.2	46.4	48.1	49.9	51.6	53.4	55.3	57.3
-37.5°	33.9	37.2	40.2	42.8	45.0	47.0	48.7	50.3	51.9	53.4	55.1
-40°	32.5	35.7	38.6	41.2	43.7	45.8	47.5	49.1	50.5	51.8	53.1
-42.5°	31.0	34.1	37.0	39.6	42.2	44.4	46.3	47.8	49.1	50.3	51.5
-45°	29.5	32.4	35.2	37.9	40.5	42.8	44.7	46.4	47.7	48.9	50.0
-47.5°	27.9	30.7	33.4	36.1	38.7	41.0	43.1	44.8	46.3	47.4	48.5
-50°	26.2	28.9	31.6	34.2	36.7	39.1	41.2	43.0	44.5	45.8	47.0
-52.5°	24.4	27.0	29.6	32.2	34.6	37.0	39.1	40.9	42.5	43.9	45.1
-55°	22.6	25.0	27.6	30.0	32.4	34.6	36.7	38.5	40.2	41.6	43.0
-57.5°	20.7	23.0	25.4	27.8	30.0	32.2	34.1	35.9	37.5	39.1	40.5
-60°	18.9	21.0	23.2	25.4	27.5	29.5	31.3	33.0	34.7	36.2	37.6
-62.5°	17.0	18.9	20.9	22.9	24.9	26.7	28.4	30.1	31.6	33.0	34.4
-65°	15.0	16.8	18.6	20.4	22.1	23.8	25.5	27.0	28.4	29.7	30.9
-67.5°	13.0	14.6	16.3	17.9	19.4	20.9	22.4	23.8	25.1	26.3	27.4
-70°	11.1	12.4	13.8	15.2	16.6	17.9	19.2	20.5	21.7	22.9	23.8
-72.5°	9.1	10.3	11.5	12.6	13.8	14.9	15.9	16.9	18.0	19.0	20.0
-75°	7.4	8.2	9.2	10.1	11.1	12.0	12.8	13.7	14.5	15.3	16.1
-77.5°	5.9	6.5	7.1	7.8	8.4	9.2	9.9	10.6	11.2	11.9	12.5
-80°	4.4	4.7	5.2	5.7	6.1	6.6	7.1	7.6	8.0	8.4	8.9
-82.5°	3.0	3.3	3.6	3.8	4.1	4.3	4.5	4.8	5.2	5.5	5.9
-85°	1.8	1.9	2.1	2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.4
-87.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
-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: P558503 (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°	1.6	1.5	1.5	1.4	1.4	1.5	1.6	1.7	1.8	1.9	1.9
85°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7
82.5°	6.1	6.4	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.0	8.1
80°	9.3	9.7	10.1	10.4	10.7	11.1	11.5	11.8	12.1	12.3	12.4
77.5°	13.1	13.6	14.1	14.5	15.0	15.4	15.7	16.0	16.3	16.5	16.8
75°	16.8	17.5	18.2	18.8	19.3	19.7	20.2	20.5	20.9	21.2	21.5
72.5°	20.8	21.6	22.3	23.0	23.6	24.2	24.7	25.2	25.7	26.0	26.4
70°	24.7	25.5	26.4	27.2	27.9	28.6	29.2	29.7	30.2	30.6	30.9
67.5°	28.4	29.3	30.3	31.2	32.0	32.7	33.4	34.1	34.7	35.1	35.4
65°	32.1	33.2	34.2	35.2	36.0	36.7	37.5	38.2	38.7	39.2	39.4
62.5°	35.7	36.9	37.9	38.8	39.8	40.5	41.2	41.8	42.4	42.8	43.1
60°	38.9	40.1	41.1	42.0	42.8	43.6	44.3	44.9	45.5	46.0	46.4
57.5°	41.7	42.8	43.9	44.7	45.4	46.1	46.8	47.3	47.7	48.0	48.3
55°	44.2	45.2	46.2	46.9	47.6	48.1	48.6	49.0	49.3	49.5	49.7
52.5°	46.3	47.2	48.1	48.9	49.4	49.9	50.3	50.8	51.0	51.0	51.0
50°	47.9	48.9	49.8	50.5	51.2	52.0	52.8	53.2	53.3	53.2	53.1
47.5°	49.5	50.5	51.4	52.3	53.3	54.6	55.9	56.5	56.5	56.2	56.1
45°	51.0	52.1	53.2	54.5	55.9	57.6	59.2	60.1	60.1	60.2	60.4
42.5°	52.7	53.9	55.4	57.2	59.1	61.0	62.6	63.8	64.7	65.8	66.7
40°	54.6	56.0	58.3	60.5	62.9	64.9	67.5	69.7	71.5	73.1	74.4
37.5°	56.9	59.0	61.8	64.6	67.8	70.9	73.9	76.7	79.0	81.8	83.8
35°	59.6	62.6	66.0	69.6	73.5	77.5	81.4	85.8	89.7	93.2	96.0
32.5°	62.8	66.4	70.6	75.4	80.3	85.6	91.1	96.8	102.2	107.9	113.6
30°	66.0	70.8	76.1	82.0	87.7	94.6	101.8	111.1	120.8	131.9	149.1
27.5°	70.0	75.7	81.9	88.6	96.5	105.2	119.1	136.3	165.6	187.6	246.6
25°	73.8	80.4	88.3	97.0	107.5	123.6	156.7	194.9	280.1	359.9	452.0
22.5°	77.7	85.9	95.4	106.0	124.3	165.8	228.7	344.1	475.7	615.3	757.6
20°	81.7	91.2	103.2	120.9	159.3	230.2	371.6	556.9	743.8	972.3	1169.8
17.5°	86.1	98.0	113.6	140.2	203.4	355.4	564.5	821.6	1111.0	1404.7	1651.2
15°	89.7	103.7	124.5	176.6	295.9	497.6	771.3	1119.8	1514.3	1885.6	2202.2
12.5°	93.8	110.0	137.4	206.1	381.3	646.5	1007.1	1436.0	1909.3	2418.0	3223.3
10°	97.5	116.3	159.0	267.4	479.7	796.9	1218.2	1701.6	2275.6	3294.0	5197.8
7.5°	100.7	121.4	175.3	313.1	568.8	938.8	1390.4	1928.7	2791.6	4502.7	7706.3
5°	102.8	124.7	186.6	347.3	639.7	1043.5	1500.5	2078.2	3318.1	5980.1	9837.6
2.5°	104.3	126.5	192.6	367.2	684.6	1112.8	1578.5	2178.8	3671.6	6834.6	11354.2
0°	105.4	127.0	193.8	384.5	699.8	1136.3	1582.3	2205.8	3792.8	7168.3	11894.6
-2.5°	104.3	126.5	192.6	367.2	684.6	1112.8	1578.5	2178.8	3671.6	6834.6	11354.2
-5°	102.8	124.7	186.6	347.3	639.7	1043.5	1500.5	2078.2	3318.1	5980.1	9837.6
-7.5°	100.7	121.4	175.3	313.1	568.8	938.8	1390.4	1928.7	2791.6	4502.7	7706.3
-10°	97.5	116.3	159.0	267.4	479.7	796.9	1218.2	1701.6	2275.6	3294.0	5197.8
-12.5°	93.8	110.0	137.4	206.1	381.3	646.5	1007.1	1436.0	1909.3	2418.0	3223.3
-15°	89.7	103.7	124.5	176.6	295.9	497.6	771.3	1119.8	1514.3	1885.6	2202.2
-17.5°	86.1	98.0	113.6	140.2	203.4	355.4	564.5	821.6	1111.0	1404.7	1651.2
-20°	81.7	91.2	103.2	120.9	159.3	230.2	371.6	556.9	743.8	972.3	1169.8



REPORT NUMBER: P558503 (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°	77.7	85.9	95.4	106.0	124.3	165.8	228.7	344.1	475.7	615.3	757.6
-25°	73.8	80.4	88.3	97.0	107.5	123.6	156.7	194.9	280.1	359.9	452.0
-27.5°	70.0	75.7	81.9	88.6	96.5	105.2	119.1	136.3	165.6	187.6	246.6
-30°	66.0	70.8	76.1	82.0	87.7	94.6	101.8	111.1	120.8	131.9	149.1
-32.5°	62.8	66.4	70.6	75.4	80.3	85.6	91.1	96.8	102.2	107.9	113.6
-35°	59.6	62.6	66.0	69.6	73.5	77.5	81.4	85.8	89.7	93.2	96.0
-37.5°	56.9	59.0	61.8	64.6	67.8	70.9	73.9	76.7	79.0	81.8	83.8
-40°	54.6	56.0	58.3	60.5	62.9	64.9	67.5	69.7	71.5	73.1	74.4
-42.5°	52.7	53.9	55.4	57.2	59.1	61.0	62.6	63.8	64.7	65.8	66.7
-45°	51.0	52.1	53.2	54.5	55.9	57.6	59.2	60.1	60.1	60.2	60.4
-47.5°	49.5	50.5	51.4	52.3	53.3	54.6	55.9	56.5	56.5	56.2	56.1
-50°	47.9	48.9	49.8	50.5	51.2	52.0	52.8	53.2	53.3	53.2	53.1
-52.5°	46.3	47.2	48.1	48.9	49.4	49.9	50.3	50.8	51.0	51.0	51.0
-55°	44.2	45.2	46.2	46.9	47.6	48.1	48.6	49.0	49.3	49.5	49.7
-57.5°	41.7	42.8	43.9	44.7	45.4	46.1	46.8	47.3	47.7	48.0	48.3
-60°	38.9	40.1	41.1	42.0	42.8	43.6	44.3	44.9	45.5	46.0	46.4
-62.5°	35.7	36.9	37.9	38.8	39.8	40.5	41.2	41.8	42.4	42.8	43.1
-65°	32.1	33.2	34.2	35.2	36.0	36.7	37.5	38.2	38.7	39.2	39.4
-67.5°	28.4	29.3	30.3	31.2	32.0	32.7	33.4	34.1	34.7	35.1	35.4
-70°	24.7	25.5	26.4	27.2	27.9	28.6	29.2	29.7	30.2	30.6	30.9
-72.5°	20.8	21.6	22.3	23.0	23.6	24.2	24.7	25.2	25.7	26.0	26.4
-75°	16.8	17.5	18.2	18.8	19.3	19.7	20.2	20.5	20.9	21.2	21.5
-77.5°	13.1	13.6	14.1	14.5	15.0	15.4	15.7	16.0	16.3	16.5	16.8
-80°	9.3	9.7	10.1	10.4	10.7	11.1	11.5	11.8	12.1	12.3	12.4
-82.5°	6.1	6.4	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.0	8.1
-85°	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7
-87.5°	1.6	1.5	1.5	1.4	1.4	1.5	1.6	1.7	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: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.7
85°	4.8	4.9	4.7	4.6	4.7	4.9	4.8	4.7	4.5	4.4	4.3
82.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.0	7.9	7.7
80°	12.5	12.6	12.8	13.0	12.8	12.6	12.5	12.4	12.3	12.1	11.8
77.5°	17.0	17.2	17.3	17.3	17.3	17.2	17.0	16.8	16.5	16.3	16.0
75°	21.7	21.8	22.2	22.6	22.2	21.8	21.7	21.5	21.2	20.9	20.5
72.5°	26.6	26.8	27.0	27.2	27.0	26.8	26.6	26.4	26.0	25.7	25.2
70°	31.2	31.4	31.5	31.5	31.5	31.4	31.2	30.9	30.6	30.2	29.7
67.5°	35.6	35.8	35.7	35.5	35.7	35.8	35.6	35.4	35.1	34.7	34.1
65°	39.6	39.8	39.7	39.6	39.7	39.8	39.6	39.4	39.2	38.7	38.2
62.5°	43.3	43.5	43.6	43.6	43.6	43.5	43.3	43.1	42.8	42.4	41.8
60°	46.8	47.1	47.3	47.3	47.3	47.1	46.8	46.4	46.0	45.5	44.9
57.5°	48.5	48.7	48.8	48.8	48.8	48.7	48.5	48.3	48.0	47.7	47.3
55°	49.8	49.8	49.7	49.5	49.7	49.8	49.8	49.7	49.5	49.3	49.0
52.5°	50.9	50.8	50.7	50.7	50.7	50.8	50.9	51.0	51.0	51.0	50.8
50°	52.9	52.6	52.5	52.5	52.5	52.6	52.9	53.1	53.2	53.3	53.2
47.5°	56.3	56.4	56.5	56.6	56.5	56.4	56.3	56.1	56.2	56.5	56.5
45°	61.0	61.4	61.7	61.8	61.7	61.4	61.0	60.4	60.2	60.1	60.1
42.5°	67.7	68.2	68.4	68.3	68.4	68.2	67.7	66.7	65.8	64.7	63.8
40°	75.7	76.7	77.3	77.3	77.3	76.7	75.7	74.4	73.1	71.5	69.7
37.5°	85.6	87.0	87.7	87.5	87.7	87.0	85.6	83.8	81.8	79.0	76.7
35°	98.2	99.6	100.1	100.8	100.1	99.6	98.2	96.0	93.2	89.7	85.8
32.5°	118.2	121.0	122.1	120.6	122.1	121.0	118.2	113.6	107.9	102.2	96.8
30°	160.7	170.9	177.8	181.1	177.8	170.9	160.7	149.1	131.9	120.8	111.1
27.5°	287.2	314.1	325.4	331.7	325.4	314.1	287.2	246.6	187.6	165.6	136.3
25°	530.9	588.2	621.2	618.5	621.2	588.2	530.9	452.0	359.9	280.1	194.9
22.5°	889.7	980.2	1034.5	1054.4	1034.5	980.2	889.7	757.6	615.3	475.7	344.1
20°	1334.6	1436.1	1489.1	1497.0	1489.1	1436.1	1334.6	1169.8	972.3	743.8	556.9
17.5°	1845.2	1941.4	1997.2	1996.6	1997.2	1941.4	1845.2	1651.2	1404.7	1111.0	821.6
15°	2633.5	3005.6	3215.4	3184.8	3215.4	3005.6	2633.5	2202.2	1885.6	1514.3	1119.8
12.5°	4315.1	5801.4	6723.3	6951.0	6723.3	5801.4	4315.1	3223.3	2418.0	1909.3	1436.0
10°	7625.4	9848.9	11624.7	12137.9	11624.7	9848.9	7625.4	5197.8	3294.0	2275.6	1701.6
7.5°	10968.7	13607.7	14693.8	14820.0	14693.8	13607.7	10968.7	7706.3	4502.7	2791.6	1928.7
5°	13492.2	16177.4	16488.3	15707.5	16488.3	16177.4	13492.2	9837.6	5980.1	3318.1	2078.2
2.5°	15158.0	17186.7	17476.4	17056.2	17476.4	17186.7	15158.0	11354.2	6834.6	3671.6	2178.8
0°	15537.8	16918.3	17329.9	17374.9	17329.9	16918.3	15537.8	11894.6	7168.3	3792.8	2205.8
-2.5°	15158.0	17186.7	17476.4	17056.2	17476.4	17186.7	15158.0	11354.2	6834.6	3671.6	2178.8
-5°	13492.2	16177.4	16488.3	15707.5	16488.3	16177.4	13492.2	9837.6	5980.1	3318.1	2078.2
-7.5°	10968.7	13607.7	14693.8	14820.0	14693.8	13607.7	10968.7	7706.3	4502.7	2791.6	1928.7
-10°	7625.4	9848.9	11624.7	12137.9	11624.7	9848.9	7625.4	5197.8	3294.0	2275.6	1701.6
-12.5°	4315.1	5801.4	6723.3	6951.0	6723.3	5801.4	4315.1	3223.3	2418.0	1909.3	1436.0
-15°	2633.5	3005.6	3215.4	3184.8	3215.4	3005.6	2633.5	2202.2	1885.6	1514.3	1119.8
-17.5°	1845.2	1941.4	1997.2	1996.6	1997.2	1941.4	1845.2	1651.2	1404.7	1111.0	821.6
-20°	1334.6	1436.1	1489.1	1497.0	1489.1	1436.1	1334.6	1169.8	972.3	743.8	556.9



REPORT NUMBER: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	889.7	980.2	1034.5	1054.4	1034.5	980.2	889.7	757.6	615.3	475.7	344.1
-25°	530.9	588.2	621.2	618.5	621.2	588.2	530.9	452.0	359.9	280.1	194.9
-27.5°	287.2	314.1	325.4	331.7	325.4	314.1	287.2	246.6	187.6	165.6	136.3
-30°	160.7	170.9	177.8	181.1	177.8	170.9	160.7	149.1	131.9	120.8	111.1
-32.5°	118.2	121.0	122.1	120.6	122.1	121.0	118.2	113.6	107.9	102.2	96.8
-35°	98.2	99.6	100.1	100.8	100.1	99.6	98.2	96.0	93.2	89.7	85.8
-37.5°	85.6	87.0	87.7	87.5	87.7	87.0	85.6	83.8	81.8	79.0	76.7
-40°	75.7	76.7	77.3	77.3	77.3	76.7	75.7	74.4	73.1	71.5	69.7
-42.5°	67.7	68.2	68.4	68.3	68.4	68.2	67.7	66.7	65.8	64.7	63.8
-45°	61.0	61.4	61.7	61.8	61.7	61.4	61.0	60.4	60.2	60.1	60.1
-47.5°	56.3	56.4	56.5	56.6	56.5	56.4	56.3	56.1	56.2	56.5	56.5
-50°	52.9	52.6	52.5	52.5	52.5	52.6	52.9	53.1	53.2	53.3	53.2
-52.5°	50.9	50.8	50.7	50.7	50.7	50.8	50.9	51.0	51.0	51.0	50.8
-55°	49.8	49.8	49.7	49.5	49.7	49.8	49.8	49.7	49.5	49.3	49.0
-57.5°	48.5	48.7	48.8	48.8	48.8	48.7	48.5	48.3	48.0	47.7	47.3
-60°	46.8	47.1	47.3	47.3	47.3	47.1	46.8	46.4	46.0	45.5	44.9
-62.5°	43.3	43.5	43.6	43.6	43.6	43.5	43.3	43.1	42.8	42.4	41.8
-65°	39.6	39.8	39.7	39.6	39.7	39.8	39.6	39.4	39.2	38.7	38.2
-67.5°	35.6	35.8	35.7	35.5	35.7	35.8	35.6	35.4	35.1	34.7	34.1
-70°	31.2	31.4	31.5	31.5	31.5	31.4	31.2	30.9	30.6	30.2	29.7
-72.5°	26.6	26.8	27.0	27.2	27.0	26.8	26.6	26.4	26.0	25.7	25.2
-75°	21.7	21.8	22.2	22.6	22.2	21.8	21.7	21.5	21.2	20.9	20.5
-77.5°	17.0	17.2	17.3	17.3	17.3	17.2	17.0	16.8	16.5	16.3	16.0
-80°	12.5	12.6	12.8	13.0	12.8	12.6	12.5	12.4	12.3	12.1	11.8
-82.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.0	7.9	7.7
-85°	4.8	4.9	4.7	4.6	4.7	4.9	4.8	4.7	4.5	4.4	4.3
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	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: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1.6	1.5	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.3
85°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.1	2.9
82.5°	7.5	7.3	7.0	6.8	6.6	6.4	6.1	5.9	5.5	5.2	4.8
80°	11.5	11.1	10.7	10.4	10.1	9.7	9.3	8.9	8.4	8.0	7.6
77.5°	15.7	15.4	15.0	14.5	14.1	13.6	13.1	12.5	11.9	11.2	10.6
75°	20.2	19.7	19.3	18.8	18.2	17.5	16.8	16.1	15.3	14.5	13.7
72.5°	24.7	24.2	23.6	23.0	22.3	21.6	20.8	20.0	19.0	18.0	16.9
70°	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.8	22.9	21.7	20.5
67.5°	33.4	32.7	32.0	31.2	30.3	29.3	28.4	27.4	26.3	25.1	23.8
65°	37.5	36.7	36.0	35.2	34.2	33.2	32.1	30.9	29.7	28.4	27.0
62.5°	41.2	40.5	39.8	38.8	37.9	36.9	35.7	34.4	33.0	31.6	30.1
60°	44.3	43.6	42.8	42.0	41.1	40.1	38.9	37.6	36.2	34.7	33.0
57.5°	46.8	46.1	45.4	44.7	43.9	42.8	41.7	40.5	39.1	37.5	35.9
55°	48.6	48.1	47.6	46.9	46.2	45.2	44.2	43.0	41.6	40.2	38.5
52.5°	50.3	49.9	49.4	48.9	48.1	47.2	46.3	45.1	43.9	42.5	40.9
50°	52.8	52.0	51.2	50.5	49.8	48.9	47.9	47.0	45.8	44.5	43.0
47.5°	55.9	54.6	53.3	52.3	51.4	50.5	49.5	48.5	47.4	46.3	44.8
45°	59.2	57.6	55.9	54.5	53.2	52.1	51.0	50.0	48.9	47.7	46.4
42.5°	62.6	61.0	59.1	57.2	55.4	53.9	52.7	51.5	50.3	49.1	47.8
40°	67.5	64.9	62.9	60.5	58.3	56.0	54.6	53.1	51.8	50.5	49.1
37.5°	73.9	70.9	67.8	64.6	61.8	59.0	56.9	55.1	53.4	51.9	50.3
35°	81.4	77.5	73.5	69.6	66.0	62.6	59.6	57.3	55.3	53.4	51.6
32.5°	91.1	85.6	80.3	75.4	70.6	66.4	62.8	59.8	57.3	55.2	53.1
30°	101.8	94.6	87.7	82.0	76.1	70.8	66.0	62.4	59.6	57.1	54.6
27.5°	119.1	105.2	96.5	88.6	81.9	75.7	70.0	64.8	61.6	59.0	56.3
25°	156.7	123.6	107.5	97.0	88.3	80.4	73.8	67.9	63.5	60.6	57.3
22.5°	228.7	165.8	124.3	106.0	95.4	85.9	77.7	71.1	65.0	61.4	57.9
20°	371.6	230.2	159.3	120.9	103.2	91.2	81.7	74.1	67.4	62.2	58.3
17.5°	564.5	355.4	203.4	140.2	113.6	98.0	86.1	77.0	69.6	63.1	58.6
15°	771.3	497.6	295.9	176.6	124.5	103.7	89.7	79.6	71.6	64.5	59.2
12.5°	1007.1	646.5	381.3	206.1	137.4	110.0	93.8	82.4	73.6	66.0	60.3
10°	1218.2	796.9	479.7	267.4	159.0	116.3	97.5	84.9	75.4	67.4	61.1
7.5°	1390.4	938.8	568.8	313.1	175.3	121.4	100.7	87.1	77.0	68.3	61.7
5°	1500.5	1043.5	639.7	347.3	186.6	124.7	102.8	88.7	78.1	69.0	62.0
2.5°	1578.5	1112.8	684.6	367.2	192.6	126.5	104.3	89.7	79.0	69.7	62.6
0°	1582.3	1136.3	699.8	384.5	193.8	127.0	105.4	90.0	79.4	70.2	63.1
-2.5°	1578.5	1112.8	684.6	367.2	192.6	126.5	104.3	89.7	79.0	69.7	62.6
-5°	1500.5	1043.5	639.7	347.3	186.6	124.7	102.8	88.7	78.1	69.0	62.0
-7.5°	1390.4	938.8	568.8	313.1	175.3	121.4	100.7	87.1	77.0	68.3	61.7
-10°	1218.2	796.9	479.7	267.4	159.0	116.3	97.5	84.9	75.4	67.4	61.1
-12.5°	1007.1	646.5	381.3	206.1	137.4	110.0	93.8	82.4	73.6	66.0	60.3
-15°	771.3	497.6	295.9	176.6	124.5	103.7	89.7	79.6	71.6	64.5	59.2
-17.5°	564.5	355.4	203.4	140.2	113.6	98.0	86.1	77.0	69.6	63.1	58.6
-20°	371.6	230.2	159.3	120.9	103.2	91.2	81.7	74.1	67.4	62.2	58.3



REPORT NUMBER: P558503 (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°	228.7	165.8	124.3	106.0	95.4	85.9	77.7	71.1	65.0	61.4	57.9
-25°	156.7	123.6	107.5	97.0	88.3	80.4	73.8	67.9	63.5	60.6	57.3
-27.5°	119.1	105.2	96.5	88.6	81.9	75.7	70.0	64.8	61.6	59.0	56.3
-30°	101.8	94.6	87.7	82.0	76.1	70.8	66.0	62.4	59.6	57.1	54.6
-32.5°	91.1	85.6	80.3	75.4	70.6	66.4	62.8	59.8	57.3	55.2	53.1
-35°	81.4	77.5	73.5	69.6	66.0	62.6	59.6	57.3	55.3	53.4	51.6
-37.5°	73.9	70.9	67.8	64.6	61.8	59.0	56.9	55.1	53.4	51.9	50.3
-40°	67.5	64.9	62.9	60.5	58.3	56.0	54.6	53.1	51.8	50.5	49.1
-42.5°	62.6	61.0	59.1	57.2	55.4	53.9	52.7	51.5	50.3	49.1	47.8
-45°	59.2	57.6	55.9	54.5	53.2	52.1	51.0	50.0	48.9	47.7	46.4
-47.5°	55.9	54.6	53.3	52.3	51.4	50.5	49.5	48.5	47.4	46.3	44.8
-50°	52.8	52.0	51.2	50.5	49.8	48.9	47.9	47.0	45.8	44.5	43.0
-52.5°	50.3	49.9	49.4	48.9	48.1	47.2	46.3	45.1	43.9	42.5	40.9
-55°	48.6	48.1	47.6	46.9	46.2	45.2	44.2	43.0	41.6	40.2	38.5
-57.5°	46.8	46.1	45.4	44.7	43.9	42.8	41.7	40.5	39.1	37.5	35.9
-60°	44.3	43.6	42.8	42.0	41.1	40.1	38.9	37.6	36.2	34.7	33.0
-62.5°	41.2	40.5	39.8	38.8	37.9	36.9	35.7	34.4	33.0	31.6	30.1
-65°	37.5	36.7	36.0	35.2	34.2	33.2	32.1	30.9	29.7	28.4	27.0
-67.5°	33.4	32.7	32.0	31.2	30.3	29.3	28.4	27.4	26.3	25.1	23.8
-70°	29.2	28.6	27.9	27.2	26.4	25.5	24.7	23.8	22.9	21.7	20.5
-72.5°	24.7	24.2	23.6	23.0	22.3	21.6	20.8	20.0	19.0	18.0	16.9
-75°	20.2	19.7	19.3	18.8	18.2	17.5	16.8	16.1	15.3	14.5	13.7
-77.5°	15.7	15.4	15.0	14.5	14.1	13.6	13.1	12.5	11.9	11.2	10.6
-80°	11.5	11.1	10.7	10.4	10.1	9.7	9.3	8.9	8.4	8.0	7.6
-82.5°	7.5	7.3	7.0	6.8	6.6	6.4	6.1	5.9	5.5	5.2	4.8
-85°	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.1	2.9
-87.5°	1.6	1.5	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
85°	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1
82.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.3	2.0	1.7
80°	7.1	6.6	6.1	5.7	5.2	4.7	4.4	3.9	3.4	2.9	2.4
77.5°	9.9	9.2	8.4	7.8	7.1	6.5	5.9	5.2	4.5	3.9	3.3
75°	12.8	12.0	11.1	10.1	9.2	8.2	7.4	6.6	5.8	4.8	4.1
72.5°	15.9	14.9	13.8	12.6	11.5	10.3	9.1	8.0	7.0	6.0	4.9
70°	19.2	17.9	16.6	15.2	13.8	12.4	11.1	9.7	8.3	7.2	6.0
67.5°	22.4	20.9	19.4	17.9	16.3	14.6	13.0	11.5	9.9	8.3	7.0
65°	25.5	23.8	22.1	20.4	18.6	16.8	15.0	13.2	11.5	9.7	8.0
62.5°	28.4	26.7	24.9	22.9	20.9	18.9	17.0	15.0	13.0	11.1	9.1
60°	31.3	29.5	27.5	25.4	23.2	21.0	18.9	16.7	14.6	12.4	10.3
57.5°	34.1	32.2	30.0	27.8	25.4	23.0	20.7	18.4	16.1	13.8	11.5
55°	36.7	34.6	32.4	30.0	27.6	25.0	22.6	20.1	17.6	15.1	12.6
52.5°	39.1	37.0	34.6	32.2	29.6	27.0	24.4	21.7	19.1	16.4	13.7
50°	41.2	39.1	36.7	34.2	31.6	28.9	26.2	23.4	20.5	17.7	14.8
47.5°	43.1	41.0	38.7	36.1	33.4	30.7	27.9	25.0	21.9	18.9	15.9
45°	44.7	42.8	40.5	37.9	35.2	32.4	29.5	26.6	23.3	20.1	17.0
42.5°	46.3	44.4	42.2	39.6	37.0	34.1	31.0	28.0	24.7	21.2	18.0
40°	47.5	45.8	43.7	41.2	38.6	35.7	32.5	29.3	26.0	22.3	18.9
37.5°	48.7	47.0	45.0	42.8	40.2	37.2	33.9	30.5	27.2	23.5	19.8
35°	49.9	48.1	46.4	44.2	41.6	38.6	35.3	31.7	28.2	24.5	20.7
32.5°	51.0	49.1	47.4	45.4	43.0	40.0	36.6	32.8	29.2	25.5	21.5
30°	52.3	50.1	48.3	46.5	44.2	41.2	37.7	33.9	30.1	26.4	22.3
27.5°	53.3	50.9	49.1	47.3	45.2	42.3	38.7	34.8	30.9	27.2	23.1
25°	54.1	51.6	49.7	48.0	46.0	43.2	39.6	35.7	31.7	27.9	23.7
22.5°	54.8	52.3	50.2	48.7	46.8	44.1	40.4	36.4	32.4	28.5	24.3
20°	55.2	52.7	50.6	49.2	47.5	44.7	41.1	37.1	33.0	29.0	24.9
17.5°	55.3	53.1	51.1	49.6	48.0	45.3	41.6	37.6	33.5	29.5	25.4
15°	55.8	53.4	51.4	49.9	48.4	45.9	42.1	38.1	34.0	30.0	25.8
12.5°	56.3	53.6	51.7	50.2	48.8	46.5	42.6	38.5	34.3	30.4	26.1
10°	56.8	53.8	51.8	50.4	49.1	47.0	42.9	38.9	34.7	30.7	26.4
7.5°	57.2	53.9	51.8	50.5	49.3	47.4	43.2	39.1	35.0	30.9	26.6
5°	57.5	53.9	51.8	50.6	49.5	47.7	43.4	39.3	35.2	31.1	26.8
2.5°	57.7	53.9	51.7	50.7	49.7	47.8	43.6	39.3	35.4	31.2	26.9
0°	57.8	53.8	51.6	50.7	49.8	47.9	43.6	39.3	35.5	31.2	26.9
-2.5°	57.7	53.9	51.7	50.7	49.7	47.8	43.6	39.3	35.4	31.2	26.9
-5°	57.5	53.9	51.8	50.6	49.5	47.7	43.4	39.3	35.2	31.1	26.8
-7.5°	57.2	53.9	51.8	50.5	49.3	47.4	43.2	39.1	35.0	30.9	26.6
-10°	56.8	53.8	51.8	50.4	49.1	47.0	42.9	38.9	34.7	30.7	26.4
-12.5°	56.3	53.6	51.7	50.2	48.8	46.5	42.6	38.5	34.3	30.4	26.1
-15°	55.8	53.4	51.4	49.9	48.4	45.9	42.1	38.1	34.0	30.0	25.8
-17.5°	55.3	53.1	51.1	49.6	48.0	45.3	41.6	37.6	33.5	29.5	25.4
-20°	55.2	52.7	50.6	49.2	47.5	44.7	41.1	37.1	33.0	29.0	24.9



REPORT NUMBER: P558503 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	54.8	52.3	50.2	48.7	46.8	44.1	40.4	36.4	32.4	28.5	24.3
-25°	54.1	51.6	49.7	48.0	46.0	43.2	39.6	35.7	31.7	27.9	23.7
-27.5°	53.3	50.9	49.1	47.3	45.2	42.3	38.7	34.8	30.9	27.2	23.1
-30°	52.3	50.1	48.3	46.5	44.2	41.2	37.7	33.9	30.1	26.4	22.3
-32.5°	51.0	49.1	47.4	45.4	43.0	40.0	36.6	32.8	29.2	25.5	21.5
-35°	49.9	48.1	46.4	44.2	41.6	38.6	35.3	31.7	28.2	24.5	20.7
-37.5°	48.7	47.0	45.0	42.8	40.2	37.2	33.9	30.5	27.2	23.5	19.8
-40°	47.5	45.8	43.7	41.2	38.6	35.7	32.5	29.3	26.0	22.3	18.9
-42.5°	46.3	44.4	42.2	39.6	37.0	34.1	31.0	28.0	24.7	21.2	18.0
-45°	44.7	42.8	40.5	37.9	35.2	32.4	29.5	26.6	23.3	20.1	17.0
-47.5°	43.1	41.0	38.7	36.1	33.4	30.7	27.9	25.0	21.9	18.9	15.9
-50°	41.2	39.1	36.7	34.2	31.6	28.9	26.2	23.4	20.5	17.7	14.8
-52.5°	39.1	37.0	34.6	32.2	29.6	27.0	24.4	21.7	19.1	16.4	13.7
-55°	36.7	34.6	32.4	30.0	27.6	25.0	22.6	20.1	17.6	15.1	12.6
-57.5°	34.1	32.2	30.0	27.8	25.4	23.0	20.7	18.4	16.1	13.8	11.5
-60°	31.3	29.5	27.5	25.4	23.2	21.0	18.9	16.7	14.6	12.4	10.3
-62.5°	28.4	26.7	24.9	22.9	20.9	18.9	17.0	15.0	13.0	11.1	9.1
-65°	25.5	23.8	22.1	20.4	18.6	16.8	15.0	13.2	11.5	9.7	8.0
-67.5°	22.4	20.9	19.4	17.9	16.3	14.6	13.0	11.5	9.9	8.3	7.0
-70°	19.2	17.9	16.6	15.2	13.8	12.4	11.1	9.7	8.3	7.2	6.0
-72.5°	15.9	14.9	13.8	12.6	11.5	10.3	9.1	8.0	7.0	6.0	4.9
-75°	12.8	12.0	11.1	10.1	9.2	8.2	7.4	6.6	5.8	4.8	4.1
-77.5°	9.9	9.2	8.4	7.8	7.1	6.5	5.9	5.2	4.5	3.9	3.3
-80°	7.1	6.6	6.1	5.7	5.2	4.7	4.4	3.9	3.4	2.9	2.4
-82.5°	4.5	4.3	4.1	3.8	3.6	3.3	3.0	2.7	2.3	2.0	1.7
-85°	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1
-87.5°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	2.7	2.1	1.6	1.2	0.8	0.4	0.0
75°	3.4	2.7	2.0	1.5	1.0	0.5	0.0
72.5°	4.0	3.3	2.5	1.7	1.1	0.6	0.0
70°	4.7	3.9	2.9	2.0	1.3	0.6	0.0
67.5°	5.6	4.4	3.4	2.3	1.5	0.7	0.0
65°	6.5	5.1	3.9	2.7	1.6	0.8	0.0
62.5°	7.4	5.8	4.3	3.0	1.8	0.9	0.0
60°	8.2	6.5	4.8	3.4	1.9	0.9	0.0
57.5°	9.2	7.1	5.3	3.7	2.1	1.0	0.0
55°	10.1	7.8	5.8	4.0	2.3	1.1	0.0
52.5°	11.1	8.4	6.3	4.3	2.5	1.2	0.0
50°	12.0	9.2	6.8	4.7	2.8	1.2	0.0
47.5°	12.8	9.9	7.2	5.0	3.0	1.3	0.0
45°	13.7	10.6	7.7	5.3	3.1	1.3	0.0
42.5°	14.6	11.3	8.1	5.6	3.3	1.4	0.0
40°	15.4	11.9	8.6	5.9	3.5	1.5	0.0
37.5°	16.2	12.5	9.0	6.2	3.7	1.5	0.0
35°	17.0	13.1	9.5	6.4	3.8	1.6	0.0
32.5°	17.7	13.7	9.9	6.7	4.0	1.6	0.0
30°	18.4	14.3	10.3	6.9	4.1	1.6	0.0
27.5°	19.0	14.8	10.7	7.1	4.2	1.7	0.0
25°	19.6	15.3	11.1	7.3	4.3	1.7	0.0
22.5°	20.1	15.7	11.4	7.5	4.4	1.8	0.0
20°	20.6	16.1	11.7	7.7	4.5	1.8	0.0
17.5°	21.0	16.5	12.0	7.8	4.6	1.8	0.0
15°	21.3	16.8	12.2	8.0	4.7	1.8	0.0
12.5°	21.6	17.0	12.4	8.1	4.8	1.9	0.0
10°	21.9	17.2	12.6	8.1	4.8	1.9	0.0
7.5°	22.1	17.4	12.8	8.2	4.8	1.9	0.0
5°	22.2	17.5	12.9	8.3	4.9	1.9	0.0
2.5°	22.3	17.6	13.0	8.3	4.9	1.9	0.0
0°	22.3	17.6	13.0	8.3	4.9	1.9	0.0
-2.5°	22.3	17.6	13.0	8.3	4.9	1.9	0.0
-5°	22.2	17.5	12.9	8.3	4.9	1.9	0.0
-7.5°	22.1	17.4	12.8	8.2	4.8	1.9	0.0
-10°	21.9	17.2	12.6	8.1	4.8	1.9	0.0
-12.5°	21.6	17.0	12.4	8.1	4.8	1.9	0.0
-15°	21.3	16.8	12.2	8.0	4.7	1.8	0.0
-17.5°	21.0	16.5	12.0	7.8	4.6	1.8	0.0
-20°	20.6	16.1	11.7	7.7	4.5	1.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.1	15.7	11.4	7.5	4.4	1.8	0.0
-25°	19.6	15.3	11.1	7.3	4.3	1.7	0.0
-27.5°	19.0	14.8	10.7	7.1	4.2	1.7	0.0
-30°	18.4	14.3	10.3	6.9	4.1	1.6	0.0
-32.5°	17.7	13.7	9.9	6.7	4.0	1.6	0.0
-35°	17.0	13.1	9.5	6.4	3.8	1.6	0.0
-37.5°	16.2	12.5	9.0	6.2	3.7	1.5	0.0
-40°	15.4	11.9	8.6	5.9	3.5	1.5	0.0
-42.5°	14.6	11.3	8.1	5.6	3.3	1.4	0.0
-45°	13.7	10.6	7.7	5.3	3.1	1.3	0.0
-47.5°	12.8	9.9	7.2	5.0	3.0	1.3	0.0
-50°	12.0	9.2	6.8	4.7	2.8	1.2	0.0
-52.5°	11.1	8.4	6.3	4.3	2.5	1.2	0.0
-55°	10.1	7.8	5.8	4.0	2.3	1.1	0.0
-57.5°	9.2	7.1	5.3	3.7	2.1	1.0	0.0
-60°	8.2	6.5	4.8	3.4	1.9	0.9	0.0
-62.5°	7.4	5.8	4.3	3.0	1.8	0.9	0.0
-65°	6.5	5.1	3.9	2.7	1.6	0.8	0.0
-67.5°	5.6	4.4	3.4	2.3	1.5	0.7	0.0
-70°	4.7	3.9	2.9	2.0	1.3	0.6	0.0
-72.5°	4.0	3.3	2.5	1.7	1.1	0.6	0.0
-75°	3.4	2.7	2.0	1.5	1.0	0.5	0.0
-77.5°	2.7	2.1	1.6	1.2	0.8	0.4	0.0
-80°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)