

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: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-935-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-935-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

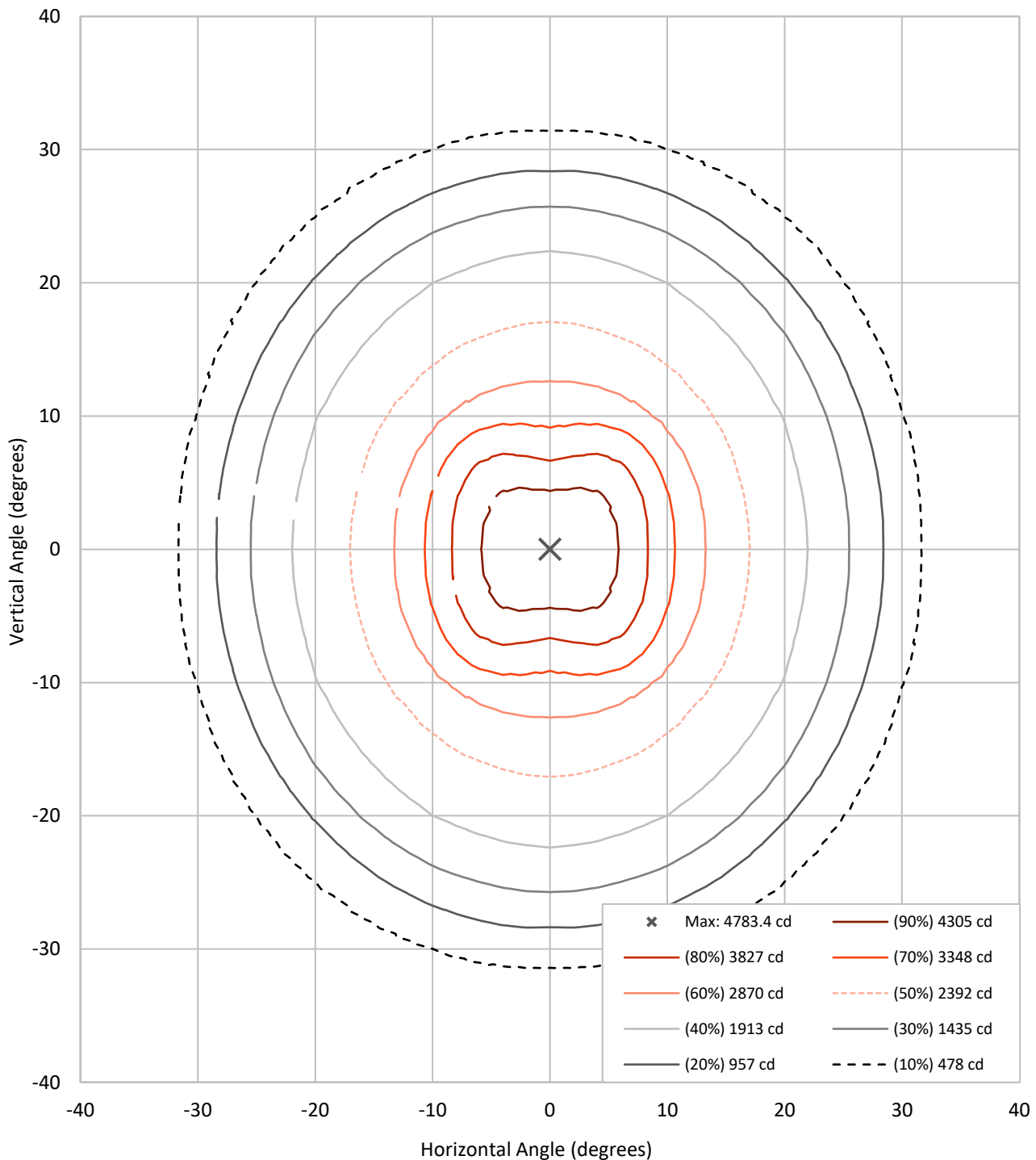
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2116 lumens	Max Intensity:	4783.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	901.3 lumens	Field Lumens:	1842.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

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





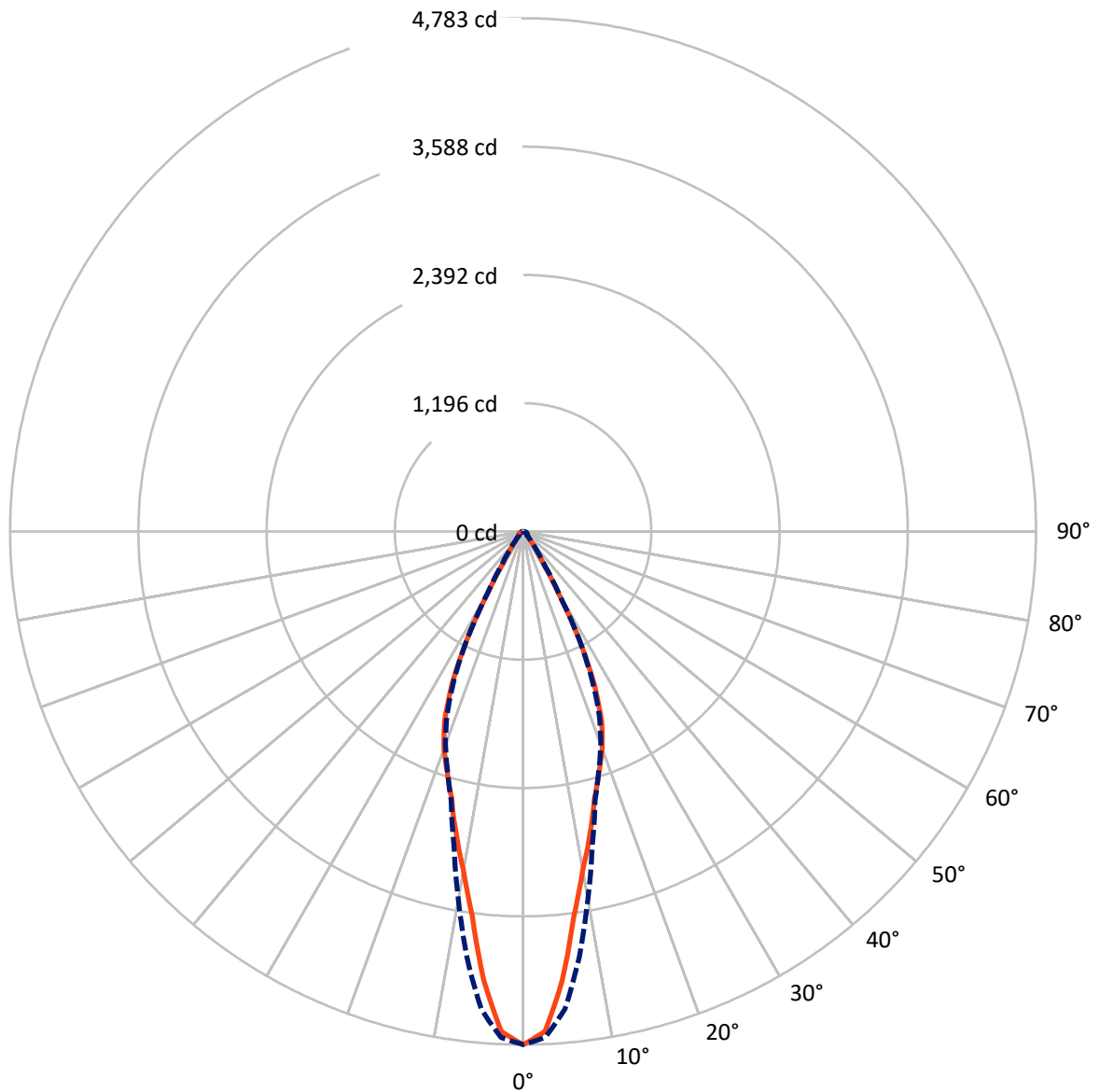
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### Lumen Table

90																			
80	0.0	0.2		0.7		1.1		1.3		1.1		0.7		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1	0.1			
50		0.2	0.4	0.7	1.0	1.2	1.2	1.3	1.3	1.2	1.2	1.0	0.7	0.4	0.2				
40	0.2	0.3	0.6	0.9	1.1	1.3	1.7	1.9	1.9	1.7	1.3	1.1	0.9	0.6	0.3	0.2			
30		0.3	0.7	0.9	1.4	2.7	5.1	7.8	7.8	5.1	2.7	1.4	0.9	0.7	0.3				
20	0.3	0.4	0.7	1.0	2.5	8.2	25.9	42.6	42.6	25.9	8.2	2.5	1.0	0.7	0.4	0.3			
10		0.4	0.7	1.3	4.6	24.4	57.7	76.4	76.4	57.7	24.4	4.6	1.3	0.7	0.4				
0	0.3	0.5	0.7	1.4	7.0	38.4	75.0	118.4	118.4	75.0	38.4	7.0	1.4	0.7	0.5	0.3			
-10		0.5	0.7	1.4	7.0	38.4	75.0	118.4	118.4	75.0	38.4	7.0	1.4	0.7	0.5				
-20	0.3	0.4	0.7	1.3	4.6	24.4	57.7	76.4	76.4	57.7	24.4	4.6	1.3	0.7	0.4	0.3			
-30		0.4	0.7	1.0	2.5	8.2	25.9	42.6	42.6	25.9	8.2	2.5	1.0	0.7	0.4				
-40	0.2	0.3	0.7	0.9	1.4	2.7	5.1	7.8	7.8	5.1	2.7	1.4	0.9	0.7	0.3	0.2			
-50		0.3	0.6	0.9	1.1	1.3	1.7	1.9	1.9	1.7	1.3	1.1	0.9	0.6	0.3				
-60	0.1	0.2	0.4	0.7	1.0	1.2	1.2	1.3	1.3	1.2	1.2	1.0	0.7	0.4	0.2	0.1			
-70		0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.1				
-80	0.0	0.2		0.7		1.1		1.3		1.1		0.7		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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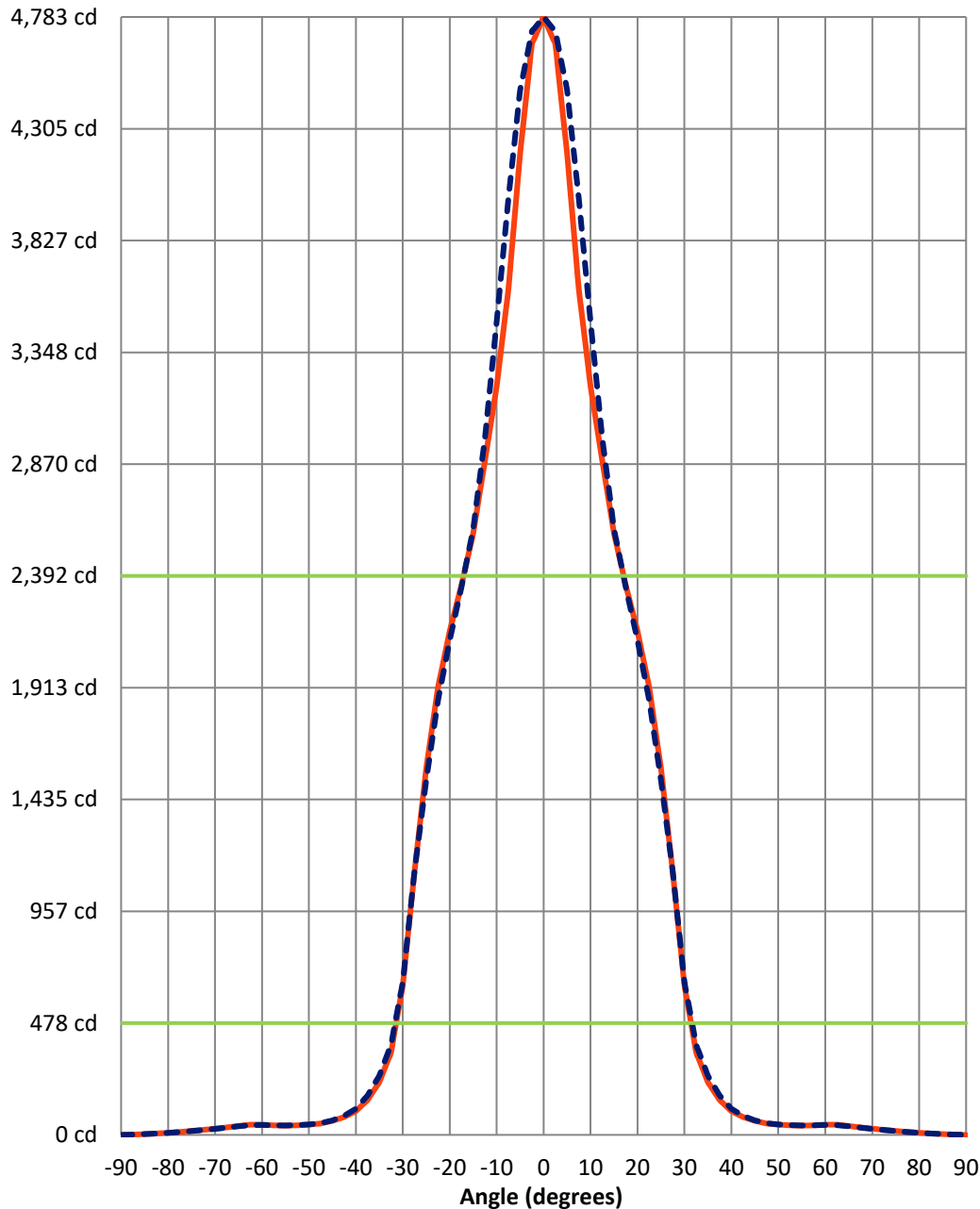
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 34°  
 V Angle: 34.1°  
 Lumens: 901.3  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 1842.1  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 273.9  
 Efficiency: 12.9%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.5	1.7
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.3	2.6
77.5°	0.0	0.3	0.5	0.8	1.0	1.4	1.8	2.3	2.7	3.1	3.5
75°	0.0	0.3	0.6	0.9	1.3	1.8	2.4	2.9	3.4	3.9	4.5
72.5°	0.0	0.4	0.7	1.1	1.6	2.3	2.9	3.5	4.2	4.8	5.5
70°	0.0	0.4	0.8	1.2	2.0	2.7	3.5	4.2	5.0	5.7	6.7
67.5°	0.0	0.5	0.9	1.5	2.3	3.1	4.0	4.9	5.7	6.8	7.9
65°	0.0	0.5	1.0	1.7	2.6	3.6	4.6	5.5	6.7	7.9	9.2
62.5°	0.0	0.6	1.1	2.0	2.9	4.0	5.1	6.3	7.6	9.0	10.7
60°	0.0	0.6	1.2	2.2	3.3	4.5	5.7	7.1	8.5	10.3	12.1
57.5°	0.0	0.6	1.3	2.4	3.6	5.0	6.3	7.9	9.6	11.6	13.6
55°	0.0	0.7	1.5	2.7	4.0	5.4	7.0	8.6	10.7	12.9	15.1
52.5°	0.0	0.7	1.6	2.9	4.4	5.9	7.6	9.6	11.8	14.1	16.5
50°	0.0	0.8	1.8	3.1	4.7	6.4	8.3	10.5	12.9	15.3	18.0
47.5°	0.0	0.8	1.9	3.3	5.1	6.9	8.9	11.4	13.9	16.5	19.4
45°	0.0	0.8	2.1	3.5	5.4	7.4	9.6	12.2	14.9	17.8	20.9
42.5°	0.0	0.9	2.2	3.8	5.7	7.8	10.3	13.0	15.8	19.0	22.4
40°	0.0	0.9	2.3	4.0	6.0	8.3	10.9	13.8	16.8	20.2	23.8
37.5°	0.0	1.0	2.4	4.2	6.4	8.7	11.5	14.5	17.8	21.4	25.2
35°	0.0	1.0	2.5	4.4	6.7	9.2	12.1	15.2	18.8	22.6	26.5
32.5°	0.0	1.0	2.6	4.6	7.0	9.6	12.6	15.9	19.7	23.7	27.7
30°	0.0	1.0	2.7	4.8	7.3	10.0	13.2	16.6	20.5	24.7	28.9
27.5°	0.0	1.1	2.8	5.0	7.5	10.4	13.7	17.3	21.3	25.6	30.0
25°	0.0	1.1	2.9	5.1	7.7	10.7	14.1	17.9	22.1	26.5	31.0
22.5°	0.0	1.1	3.0	5.2	7.9	11.0	14.5	18.5	22.8	27.3	32.0
20°	0.0	1.1	3.1	5.3	8.1	11.3	14.9	19.0	23.4	28.0	32.9
17.5°	0.0	1.1	3.1	5.4	8.3	11.5	15.3	19.4	23.9	28.7	33.7
15°	0.0	1.2	3.2	5.5	8.4	11.7	15.6	19.8	24.4	29.2	34.4
12.5°	0.0	1.2	3.3	5.6	8.5	11.9	15.8	20.1	24.8	29.7	34.9
10°	0.0	1.2	3.3	5.6	8.6	12.0	16.0	20.4	25.1	30.1	35.4
7.5°	0.0	1.2	3.3	5.7	8.6	12.1	16.2	20.6	25.4	30.5	36.0
5°	0.0	1.2	3.4	5.7	8.7	12.2	16.3	20.8	25.5	30.7	36.4
2.5°	0.0	1.2	3.4	5.7	8.7	12.2	16.4	20.9	25.6	30.9	36.7
0°	0.0	1.2	3.4	5.7	8.7	12.2	16.4	20.9	25.6	30.9	36.7
-2.5°	0.0	1.2	3.4	5.7	8.7	12.2	16.4	20.9	25.6	30.9	36.7
-5°	0.0	1.2	3.4	5.7	8.7	12.2	16.3	20.8	25.5	30.7	36.4
-7.5°	0.0	1.2	3.3	5.7	8.6	12.1	16.2	20.6	25.4	30.5	36.0
-10°	0.0	1.2	3.3	5.6	8.6	12.0	16.0	20.4	25.1	30.1	35.4
-12.5°	0.0	1.2	3.3	5.6	8.5	11.9	15.8	20.1	24.8	29.7	34.9
-15°	0.0	1.2	3.2	5.5	8.4	11.7	15.6	19.8	24.4	29.2	34.4
-17.5°	0.0	1.1	3.1	5.4	8.3	11.5	15.3	19.4	23.9	28.7	33.7
-20°	0.0	1.1	3.1	5.3	8.1	11.3	14.9	19.0	23.4	28.0	32.9



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.1	3.0	5.2	7.9	11.0	14.5	18.5	22.8	27.3	32.0
-25°	0.0	1.1	2.9	5.1	7.7	10.7	14.1	17.9	22.1	26.5	31.0
-27.5°	0.0	1.1	2.8	5.0	7.5	10.4	13.7	17.3	21.3	25.6	30.0
-30°	0.0	1.0	2.7	4.8	7.3	10.0	13.2	16.6	20.5	24.7	28.9
-32.5°	0.0	1.0	2.6	4.6	7.0	9.6	12.6	15.9	19.7	23.7	27.7
-35°	0.0	1.0	2.5	4.4	6.7	9.2	12.1	15.2	18.8	22.6	26.5
-37.5°	0.0	1.0	2.4	4.2	6.4	8.7	11.5	14.5	17.8	21.4	25.2
-40°	0.0	0.9	2.3	4.0	6.0	8.3	10.9	13.8	16.8	20.2	23.8
-42.5°	0.0	0.9	2.2	3.8	5.7	7.8	10.3	13.0	15.8	19.0	22.4
-45°	0.0	0.8	2.1	3.5	5.4	7.4	9.6	12.2	14.9	17.8	20.9
-47.5°	0.0	0.8	1.9	3.3	5.1	6.9	8.9	11.4	13.9	16.5	19.4
-50°	0.0	0.8	1.8	3.1	4.7	6.4	8.3	10.5	12.9	15.3	18.0
-52.5°	0.0	0.7	1.6	2.9	4.4	5.9	7.6	9.6	11.8	14.1	16.5
-55°	0.0	0.7	1.5	2.7	4.0	5.4	7.0	8.6	10.7	12.9	15.1
-57.5°	0.0	0.6	1.3	2.4	3.6	5.0	6.3	7.9	9.6	11.6	13.6
-60°	0.0	0.6	1.2	2.2	3.3	4.5	5.7	7.1	8.5	10.3	12.1
-62.5°	0.0	0.6	1.1	2.0	2.9	4.0	5.1	6.3	7.6	9.0	10.7
-65°	0.0	0.5	1.0	1.7	2.6	3.6	4.6	5.5	6.7	7.9	9.2
-67.5°	0.0	0.5	0.9	1.5	2.3	3.1	4.0	4.9	5.7	6.8	7.9
-70°	0.0	0.4	0.8	1.2	2.0	2.7	3.5	4.2	5.0	5.7	6.7
-72.5°	0.0	0.4	0.7	1.1	1.6	2.3	2.9	3.5	4.2	4.8	5.5
-75°	0.0	0.3	0.6	0.9	1.3	1.8	2.4	2.9	3.4	3.9	4.5
-77.5°	0.0	0.3	0.5	0.8	1.0	1.4	1.8	2.3	2.7	3.1	3.5
-80°	0.0	0.2	0.4	0.6	0.8	1.0	1.3	1.6	2.0	2.3	2.6
-82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.5	1.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3
82.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.6	3.9	4.1
80°	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.1	6.4
77.5°	3.9	4.5	5.0	5.5	6.0	6.6	7.1	7.7	8.2	8.6	9.0
75°	5.1	5.7	6.5	7.2	7.9	8.6	9.3	10.1	10.8	11.5	12.1
72.5°	6.3	7.2	8.1	9.0	10.0	11.0	11.9	12.8	13.7	14.4	15.2
70°	7.6	8.7	9.9	11.1	12.3	13.4	14.5	15.5	16.4	17.4	18.5
67.5°	9.0	10.4	11.8	13.2	14.6	15.8	17.0	18.3	19.6	20.9	22.1
65°	10.7	12.2	13.8	15.4	16.8	18.4	19.9	21.4	23.0	24.4	25.8
62.5°	12.3	14.1	15.8	17.6	19.4	21.1	22.9	24.7	26.4	28.2	29.9
60°	14.0	16.0	17.9	19.9	21.9	24.0	26.0	28.0	30.1	32.1	34.1
57.5°	15.7	17.8	20.0	22.2	24.5	26.8	29.2	31.5	33.9	36.1	38.1
55°	17.4	19.7	22.1	24.6	27.2	29.8	32.5	35.1	37.7	39.6	41.4
52.5°	19.0	21.5	24.3	27.1	29.9	32.8	35.9	38.5	40.6	42.3	42.7
50°	20.7	23.5	26.5	29.5	32.6	35.9	38.8	41.2	42.4	42.9	42.6
47.5°	22.4	25.5	28.6	31.8	35.3	38.5	41.3	42.5	43.1	42.5	41.7
45°	24.2	27.4	30.7	34.3	37.8	40.8	42.3	43.2	42.4	41.7	41.2
42.5°	25.8	29.3	32.9	36.6	39.8	42.0	42.9	42.5	41.8	41.2	41.4
40°	27.4	31.0	35.0	38.5	41.5	42.5	42.4	41.8	41.4	41.6	42.5
37.5°	29.0	33.0	37.0	40.4	42.0	42.4	41.7	41.3	41.6	42.5	44.4
35°	30.4	34.8	38.6	41.5	42.5	41.8	41.3	41.2	42.3	44.3	47.0
32.5°	32.0	36.5	40.2	42.0	42.1	41.3	40.9	41.8	43.5	46.1	50.7
30°	33.4	37.9	41.3	42.4	41.6	41.0	41.2	42.6	44.9	49.1	56.5
27.5°	34.8	39.1	41.7	42.2	41.2	40.7	41.7	43.7	47.1	52.8	63.3
25°	36.0	40.2	42.0	41.8	41.0	40.9	42.3	44.7	49.4	58.6	73.1
22.5°	37.0	41.2	42.3	41.4	40.7	41.2	43.1	46.6	52.8	64.1	83.2
20°	37.8	41.5	42.2	41.1	40.4	41.5	43.9	48.4	57.4	72.7	94.7
17.5°	38.6	41.7	41.9	40.9	40.6	41.9	44.7	50.0	61.5	80.1	105.7
15°	39.3	41.9	41.7	40.7	40.8	42.5	46.0	53.0	66.4	87.1	115.5
12.5°	39.8	42.0	41.4	40.5	40.9	42.9	47.1	55.8	71.3	94.7	131.3
10°	40.3	42.2	41.2	40.4	41.0	43.3	48.1	58.0	75.0	101.1	144.6
7.5°	40.8	42.3	41.0	40.3	41.1	43.6	48.8	59.6	77.7	106.2	154.5
5°	41.1	42.3	40.9	40.2	41.2	43.9	49.3	60.7	79.3	110.0	161.2
2.5°	41.3	42.4	40.8	40.2	41.4	44.3	49.7	61.5	80.7	111.8	165.9
0°	41.4	42.4	40.8	40.2	41.6	44.6	49.9	61.9	81.4	111.8	168.8
-2.5°	41.3	42.4	40.8	40.2	41.4	44.3	49.7	61.5	80.7	111.8	165.9
-5°	41.1	42.3	40.9	40.2	41.2	43.9	49.3	60.7	79.3	110.0	161.2
-7.5°	40.8	42.3	41.0	40.3	41.1	43.6	48.8	59.6	77.7	106.2	154.5
-10°	40.3	42.2	41.2	40.4	41.0	43.3	48.1	58.0	75.0	101.1	144.6
-12.5°	39.8	42.0	41.4	40.5	40.9	42.9	47.1	55.8	71.3	94.7	131.3
-15°	39.3	41.9	41.7	40.7	40.8	42.5	46.0	53.0	66.4	87.1	115.5
-17.5°	38.6	41.7	41.9	40.9	40.6	41.9	44.7	50.0	61.5	80.1	105.7
-20°	37.8	41.5	42.2	41.1	40.4	41.5	43.9	48.4	57.4	72.7	94.7



REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	37.0	41.2	42.3	41.4	40.7	41.2	43.1	46.6	52.8	64.1	83.2
-25°	36.0	40.2	42.0	41.8	41.0	40.9	42.3	44.7	49.4	58.6	73.1
-27.5°	34.8	39.1	41.7	42.2	41.2	40.7	41.7	43.7	47.1	52.8	63.3
-30°	33.4	37.9	41.3	42.4	41.6	41.0	41.2	42.6	44.9	49.1	56.5
-32.5°	32.0	36.5	40.2	42.0	42.1	41.3	40.9	41.8	43.5	46.1	50.7
-35°	30.4	34.8	38.6	41.5	42.5	41.8	41.3	41.2	42.3	44.3	47.0
-37.5°	29.0	33.0	37.0	40.4	42.0	42.4	41.7	41.3	41.6	42.5	44.4
-40°	27.4	31.0	35.0	38.5	41.5	42.5	42.4	41.8	41.4	41.6	42.5
-42.5°	25.8	29.3	32.9	36.6	39.8	42.0	42.9	42.5	41.8	41.2	41.4
-45°	24.2	27.4	30.7	34.3	37.8	40.8	42.3	43.2	42.4	41.7	41.2
-47.5°	22.4	25.5	28.6	31.8	35.3	38.5	41.3	42.5	43.1	42.5	41.7
-50°	20.7	23.5	26.5	29.5	32.6	35.9	38.8	41.2	42.4	42.9	42.6
-52.5°	19.0	21.5	24.3	27.1	29.9	32.8	35.9	38.5	40.6	42.3	42.7
-55°	17.4	19.7	22.1	24.6	27.2	29.8	32.5	35.1	37.7	39.6	41.4
-57.5°	15.7	17.8	20.0	22.2	24.5	26.8	29.2	31.5	33.9	36.1	38.1
-60°	14.0	16.0	17.9	19.9	21.9	24.0	26.0	28.0	30.1	32.1	34.1
-62.5°	12.3	14.1	15.8	17.6	19.4	21.1	22.9	24.7	26.4	28.2	29.9
-65°	10.7	12.2	13.8	15.4	16.8	18.4	19.9	21.4	23.0	24.4	25.8
-67.5°	9.0	10.4	11.8	13.2	14.6	15.8	17.0	18.3	19.6	20.9	22.1
-70°	7.6	8.7	9.9	11.1	12.3	13.4	14.5	15.5	16.4	17.4	18.5
-72.5°	6.3	7.2	8.1	9.0	10.0	11.0	11.9	12.8	13.7	14.4	15.2
-75°	5.1	5.7	6.5	7.2	7.9	8.6	9.3	10.1	10.8	11.5	12.1
-77.5°	3.9	4.5	5.0	5.5	6.0	6.6	7.1	7.7	8.2	8.6	9.0
-80°	2.9	3.2	3.6	4.0	4.3	4.7	5.0	5.4	5.7	6.1	6.4
-82.5°	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.6	3.9	4.1
-85°	1.1	1.2	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3
-87.5°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	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



REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-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°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	2.3	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1
82.5°	4.3	4.6	4.8	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8
80°	6.8	7.1	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.5	8.7
77.5°	9.4	9.9	10.3	10.6	11.0	11.3	11.6	11.9	12.1	12.3	12.4
75°	12.6	13.2	13.7	14.2	14.6	15.1	15.5	15.9	16.3	16.5	16.7
72.5°	15.9	16.7	17.3	17.9	18.5	19.1	19.6	20.1	20.6	20.9	21.2
70°	19.6	20.5	21.3	22.0	22.7	23.4	24.1	24.7	25.2	25.6	26.0
67.5°	23.3	24.4	25.4	26.3	27.2	28.1	28.9	29.7	30.4	31.0	31.3
65°	27.2	28.5	29.8	31.0	32.0	33.0	34.0	34.9	35.8	36.5	37.0
62.5°	31.5	33.0	34.4	35.7	36.8	37.8	38.7	39.7	40.5	41.2	42.0
60°	35.9	37.6	38.8	39.9	40.9	41.8	42.2	42.5	42.8	43.0	43.3
57.5°	39.7	41.2	42.3	42.5	42.7	42.9	42.8	42.5	42.1	41.8	41.5
55°	42.4	42.8	43.3	42.9	42.3	41.8	41.3	41.0	40.7	40.4	40.1
52.5°	43.1	42.7	42.2	41.7	41.3	40.8	40.4	40.5	40.6	40.7	40.8
50°	42.1	41.6	41.3	41.0	41.1	41.3	41.5	41.9	42.3	42.7	43.0
47.5°	41.3	41.0	41.4	41.9	42.3	43.2	44.0	44.7	45.9	46.8	47.6
45°	41.1	41.8	42.6	43.8	44.9	46.9	48.7	50.2	53.0	55.6	57.6
42.5°	42.2	43.5	45.0	47.4	50.0	53.4	57.8	61.5	65.8	69.8	72.7
40°	44.1	46.1	49.3	53.2	59.4	64.9	72.1	78.3	84.1	90.3	94.9
37.5°	46.9	50.5	56.5	63.6	73.0	82.0	92.0	101.7	109.9	122.4	132.1
35°	50.9	58.3	66.9	78.8	91.0	104.8	119.4	138.1	154.7	174.0	192.2
32.5°	58.4	68.3	81.9	97.9	114.2	138.0	160.5	190.9	218.3	252.5	289.2
30°	67.1	81.9	100.1	121.1	150.6	183.3	220.3	267.0	322.5	388.6	477.3
27.5°	79.1	98.2	121.1	155.0	196.8	240.7	306.2	384.7	527.8	652.5	817.8
25°	92.1	115.4	151.6	197.1	252.1	331.2	459.3	622.6	854.1	1075.4	1252.3
22.5°	107.0	141.1	186.7	243.4	332.4	485.5	684.4	972.1	1230.2	1453.4	1625.2
20°	123.5	166.2	227.6	314.2	465.8	690.1	1009.3	1304.6	1568.2	1760.3	1912.2
17.5°	144.9	200.7	278.5	398.1	630.8	976.4	1305.5	1597.3	1826.6	1995.5	2130.1
15°	164.9	232.4	333.3	537.3	855.0	1224.3	1561.6	1821.9	2020.4	2177.5	2298.5
12.5°	188.4	268.1	397.3	657.5	1061.1	1428.8	1743.4	1986.5	2177.7	2325.0	2487.2
10°	209.4	306.4	489.0	817.8	1230.3	1589.5	1895.1	2113.6	2305.2	2497.1	2740.3
7.5°	226.8	338.6	564.2	953.0	1360.2	1708.4	1986.8	2205.1	2416.3	2672.6	3023.5
5°	240.6	362.9	626.1	1055.1	1454.7	1793.3	2056.8	2278.1	2516.7	2859.5	3330.4
2.5°	249.8	378.8	664.8	1116.8	1514.3	1842.0	2108.7	2325.9	2576.0	2964.1	3456.1
0°	253.4	386.1	655.0	1127.9	1517.9	1857.8	2116.5	2343.7	2592.9	2981.7	3479.2
-2.5°	249.8	378.8	664.8	1116.8	1514.3	1842.0	2108.7	2325.9	2576.0	2964.1	3456.1
-5°	240.6	362.9	626.1	1055.1	1454.7	1793.3	2056.8	2278.1	2516.7	2859.5	3330.4
-7.5°	226.8	338.6	564.2	953.0	1360.2	1708.4	1986.8	2205.1	2416.3	2672.6	3023.5
-10°	209.4	306.4	489.0	817.8	1230.3	1589.5	1895.1	2113.6	2305.2	2497.1	2740.3
-12.5°	188.4	268.1	397.3	657.5	1061.1	1428.8	1743.4	1986.5	2177.7	2325.0	2487.2
-15°	164.9	232.4	333.3	537.3	855.0	1224.3	1561.6	1821.9	2020.4	2177.5	2298.5
-17.5°	144.9	200.7	278.5	398.1	630.8	976.4	1305.5	1597.3	1826.6	1995.5	2130.1
-20°	123.5	166.2	227.6	314.2	465.8	690.1	1009.3	1304.6	1568.2	1760.3	1912.2



REPORT NUMBER: P558476 (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°	107.0	141.1	186.7	243.4	332.4	485.5	684.4	972.1	1230.2	1453.4	1625.2
-25°	92.1	115.4	151.6	197.1	252.1	331.2	459.3	622.6	854.1	1075.4	1252.3
-27.5°	79.1	98.2	121.1	155.0	196.8	240.7	306.2	384.7	527.8	652.5	817.8
-30°	67.1	81.9	100.1	121.1	150.6	183.3	220.3	267.0	322.5	388.6	477.3
-32.5°	58.4	68.3	81.9	97.9	114.2	138.0	160.5	190.9	218.3	252.5	289.2
-35°	50.9	58.3	66.9	78.8	91.0	104.8	119.4	138.1	154.7	174.0	192.2
-37.5°	46.9	50.5	56.5	63.6	73.0	82.0	92.0	101.7	109.9	122.4	132.1
-40°	44.1	46.1	49.3	53.2	59.4	64.9	72.1	78.3	84.1	90.3	94.9
-42.5°	42.2	43.5	45.0	47.4	50.0	53.4	57.8	61.5	65.8	69.8	72.7
-45°	41.1	41.8	42.6	43.8	44.9	46.9	48.7	50.2	53.0	55.6	57.6
-47.5°	41.3	41.0	41.4	41.9	42.3	43.2	44.0	44.7	45.9	46.8	47.6
-50°	42.1	41.6	41.3	41.0	41.1	41.3	41.5	41.9	42.3	42.7	43.0
-52.5°	43.1	42.7	42.2	41.7	41.3	40.8	40.4	40.5	40.6	40.7	40.8
-55°	42.4	42.8	43.3	42.9	42.3	41.8	41.3	41.0	40.7	40.4	40.1
-57.5°	39.7	41.2	42.3	42.5	42.7	42.9	42.8	42.5	42.1	41.8	41.5
-60°	35.9	37.6	38.8	39.9	40.9	41.8	42.2	42.5	42.8	43.0	43.3
-62.5°	31.5	33.0	34.4	35.7	36.8	37.8	38.7	39.7	40.5	41.2	42.0
-65°	27.2	28.5	29.8	31.0	32.0	33.0	34.0	34.9	35.8	36.5	37.0
-67.5°	23.3	24.4	25.4	26.3	27.2	28.1	28.9	29.7	30.4	31.0	31.3
-70°	19.6	20.5	21.3	22.0	22.7	23.4	24.1	24.7	25.2	25.6	26.0
-72.5°	15.9	16.7	17.3	17.9	18.5	19.1	19.6	20.1	20.6	20.9	21.2
-75°	12.6	13.2	13.7	14.2	14.6	15.1	15.5	15.9	16.3	16.5	16.7
-77.5°	9.4	9.9	10.3	10.6	11.0	11.3	11.6	11.9	12.1	12.3	12.4
-80°	6.8	7.1	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.5	8.7
-82.5°	4.3	4.6	4.8	5.0	5.1	5.3	5.4	5.5	5.6	5.7	5.8
-85°	2.3	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1
-87.5°	1.0	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-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°	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
85°	3.2	3.2	3.3	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.0
82.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
80°	8.9	9.0	9.0	8.9	9.0	9.0	8.9	8.7	8.5	8.3	8.2
77.5°	12.5	12.5	12.5	12.4	12.5	12.5	12.5	12.4	12.3	12.1	11.9
75°	16.8	16.9	17.0	17.0	17.0	16.9	16.8	16.7	16.5	16.3	15.9
72.5°	21.4	21.6	21.6	21.5	21.6	21.6	21.4	21.2	20.9	20.6	20.1
70°	26.3	26.4	26.6	26.6	26.6	26.4	26.3	26.0	25.6	25.2	24.7
67.5°	31.6	31.7	31.9	31.9	31.9	31.7	31.6	31.3	31.0	30.4	29.7
65°	37.5	37.8	37.9	37.9	37.9	37.8	37.5	37.0	36.5	35.8	34.9
62.5°	42.7	43.3	43.5	43.6	43.5	43.3	42.7	42.0	41.2	40.5	39.7
60°	43.5	43.7	43.8	43.8	43.8	43.7	43.5	43.3	43.0	42.8	42.5
57.5°	41.2	41.0	40.8	40.8	40.8	41.0	41.2	41.5	41.8	42.1	42.5
55°	39.9	39.7	39.6	39.6	39.6	39.7	39.9	40.1	40.4	40.7	41.0
52.5°	40.8	40.8	40.9	41.0	40.9	40.8	40.8	40.8	40.7	40.6	40.5
50°	43.3	43.4	43.6	43.8	43.6	43.4	43.3	43.0	42.7	42.3	41.9
47.5°	48.1	48.4	48.6	48.7	48.6	48.4	48.1	47.6	46.8	45.9	44.7
45°	58.9	59.6	60.0	60.1	60.0	59.6	58.9	57.6	55.6	53.0	50.2
42.5°	74.7	75.7	76.2	76.3	76.2	75.7	74.7	72.7	69.8	65.8	61.5
40°	98.2	100.1	101.0	101.7	101.0	100.1	98.2	94.9	90.3	84.1	78.3
37.5°	139.4	144.1	146.8	149.1	146.8	144.1	139.4	132.1	122.4	109.9	101.7
35°	207.0	217.8	224.2	225.6	224.2	217.8	207.0	192.2	174.0	154.7	138.1
32.5°	317.5	338.7	351.5	353.1	351.5	338.7	317.5	289.2	252.5	218.3	190.9
30°	546.1	605.7	646.6	641.0	646.6	605.7	546.1	477.3	388.6	322.5	267.0
27.5°	953.2	1061.3	1131.6	1125.7	1131.6	1061.3	953.2	817.8	652.5	527.8	384.7
25°	1388.3	1487.8	1546.5	1568.2	1546.5	1487.8	1388.3	1252.3	1075.4	854.1	622.6
22.5°	1743.6	1832.5	1883.4	1913.8	1883.4	1832.5	1743.6	1625.2	1453.4	1230.2	972.1
20°	2015.8	2093.0	2136.7	2155.4	2136.7	2093.0	2015.8	1912.2	1760.3	1568.2	1304.6
17.5°	2225.2	2289.8	2339.3	2352.0	2339.3	2289.8	2225.2	2130.1	1995.5	1826.6	1597.3
15°	2410.5	2493.9	2552.3	2574.0	2552.3	2493.9	2410.5	2298.5	2177.5	2020.4	1821.9
12.5°	2644.1	2789.2	2866.2	2884.1	2866.2	2789.2	2644.1	2487.2	2325.0	2177.7	1986.5
10°	2989.4	3212.4	3237.6	3203.0	3237.6	3212.4	2989.4	2740.3	2497.1	2305.2	2113.6
7.5°	3492.2	3789.5	3725.2	3618.2	3725.2	3789.5	3492.2	3023.5	2672.6	2416.3	2205.1
5°	3852.1	4264.9	4277.7	4199.1	4277.7	4264.9	3852.1	3330.4	2859.5	2516.7	2278.1
2.5°	3995.3	4420.3	4631.8	4666.5	4631.8	4420.3	3995.3	3456.1	2964.1	2576.0	2325.9
0°	4006.0	4470.4	4721.1	4783.4	4721.1	4470.4	4006.0	3479.2	2981.7	2592.9	2343.7
-2.5°	3995.3	4420.3	4631.8	4666.5	4631.8	4420.3	3995.3	3456.1	2964.1	2576.0	2325.9
-5°	3852.1	4264.9	4277.7	4199.1	4277.7	4264.9	3852.1	3330.4	2859.5	2516.7	2278.1
-7.5°	3492.2	3789.5	3725.2	3618.2	3725.2	3789.5	3492.2	3023.5	2672.6	2416.3	2205.1
-10°	2989.4	3212.4	3237.6	3203.0	3237.6	3212.4	2989.4	2740.3	2497.1	2305.2	2113.6
-12.5°	2644.1	2789.2	2866.2	2884.1	2866.2	2789.2	2644.1	2487.2	2325.0	2177.7	1986.5
-15°	2410.5	2493.9	2552.3	2574.0	2552.3	2493.9	2410.5	2298.5	2177.5	2020.4	1821.9
-17.5°	2225.2	2289.8	2339.3	2352.0	2339.3	2289.8	2225.2	2130.1	1995.5	1826.6	1597.3
-20°	2015.8	2093.0	2136.7	2155.4	2136.7	2093.0	2015.8	1912.2	1760.3	1568.2	1304.6



REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1743.6	1832.5	1883.4	1913.8	1883.4	1832.5	1743.6	1625.2	1453.4	1230.2	972.1
-25°	1388.3	1487.8	1546.5	1568.2	1546.5	1487.8	1388.3	1252.3	1075.4	854.1	622.6
-27.5°	953.2	1061.3	1131.6	1125.7	1131.6	1061.3	953.2	817.8	652.5	527.8	384.7
-30°	546.1	605.7	646.6	641.0	646.6	605.7	546.1	477.3	388.6	322.5	267.0
-32.5°	317.5	338.7	351.5	353.1	351.5	338.7	317.5	289.2	252.5	218.3	190.9
-35°	207.0	217.8	224.2	225.6	224.2	217.8	207.0	192.2	174.0	154.7	138.1
-37.5°	139.4	144.1	146.8	149.1	146.8	144.1	139.4	132.1	122.4	109.9	101.7
-40°	98.2	100.1	101.0	101.7	101.0	100.1	98.2	94.9	90.3	84.1	78.3
-42.5°	74.7	75.7	76.2	76.3	76.2	75.7	74.7	72.7	69.8	65.8	61.5
-45°	58.9	59.6	60.0	60.1	60.0	59.6	58.9	57.6	55.6	53.0	50.2
-47.5°	48.1	48.4	48.6	48.7	48.6	48.4	48.1	47.6	46.8	45.9	44.7
-50°	43.3	43.4	43.6	43.8	43.6	43.4	43.3	43.0	42.7	42.3	41.9
-52.5°	40.8	40.8	40.9	41.0	40.9	40.8	40.8	40.8	40.7	40.6	40.5
-55°	39.9	39.7	39.6	39.6	39.6	39.7	39.9	40.1	40.4	40.7	41.0
-57.5°	41.2	41.0	40.8	40.8	40.8	41.0	41.2	41.5	41.8	42.1	42.5
-60°	43.5	43.7	43.8	43.8	43.8	43.7	43.5	43.3	43.0	42.8	42.5
-62.5°	42.7	43.3	43.5	43.6	43.5	43.3	42.7	42.0	41.2	40.5	39.7
-65°	37.5	37.8	37.9	37.9	37.9	37.8	37.5	37.0	36.5	35.8	34.9
-67.5°	31.6	31.7	31.9	31.9	31.9	31.7	31.6	31.3	31.0	30.4	29.7
-70°	26.3	26.4	26.6	26.6	26.6	26.4	26.3	26.0	25.6	25.2	24.7
-72.5°	21.4	21.6	21.6	21.5	21.6	21.6	21.4	21.2	20.9	20.6	20.1
-75°	16.8	16.9	17.0	17.0	17.0	16.9	16.8	16.7	16.5	16.3	15.9
-77.5°	12.5	12.5	12.5	12.4	12.5	12.5	12.5	12.4	12.3	12.1	11.9
-80°	8.9	9.0	9.0	8.9	9.0	9.0	8.9	8.7	8.5	8.3	8.2
-82.5°	5.8	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.6	5.5
-85°	3.2	3.2	3.3	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.0
-87.5°	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-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°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.8
85°	2.9	2.9	2.8	2.7	2.6	2.5	2.3	2.3	2.2	2.1	1.9
82.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.3
80°	8.1	7.9	7.8	7.6	7.3	7.1	6.8	6.4	6.1	5.7	5.4
77.5°	11.6	11.3	11.0	10.6	10.3	9.9	9.4	9.0	8.6	8.2	7.7
75°	15.5	15.1	14.6	14.2	13.7	13.2	12.6	12.1	11.5	10.8	10.1
72.5°	19.6	19.1	18.5	17.9	17.3	16.7	15.9	15.2	14.4	13.7	12.8
70°	24.1	23.4	22.7	22.0	21.3	20.5	19.6	18.5	17.4	16.4	15.5
67.5°	28.9	28.1	27.2	26.3	25.4	24.4	23.3	22.1	20.9	19.6	18.3
65°	34.0	33.0	32.0	31.0	29.8	28.5	27.2	25.8	24.4	23.0	21.4
62.5°	38.7	37.8	36.8	35.7	34.4	33.0	31.5	29.9	28.2	26.4	24.7
60°	42.2	41.8	40.9	39.9	38.8	37.6	35.9	34.1	32.1	30.1	28.0
57.5°	42.8	42.9	42.7	42.5	42.3	41.2	39.7	38.1	36.1	33.9	31.5
55°	41.3	41.8	42.3	42.9	43.3	42.8	42.4	41.4	39.6	37.7	35.1
52.5°	40.4	40.8	41.3	41.7	42.2	42.7	43.1	42.7	42.3	40.6	38.5
50°	41.5	41.3	41.1	41.0	41.3	41.6	42.1	42.6	42.9	42.4	41.2
47.5°	44.0	43.2	42.3	41.9	41.4	41.0	41.3	41.7	42.5	43.1	42.5
45°	48.7	46.9	44.9	43.8	42.6	41.8	41.1	41.2	41.7	42.4	43.2
42.5°	57.8	53.4	50.0	47.4	45.0	43.5	42.2	41.4	41.2	41.8	42.5
40°	72.1	64.9	59.4	53.2	49.3	46.1	44.1	42.5	41.6	41.4	41.8
37.5°	92.0	82.0	73.0	63.6	56.5	50.5	46.9	44.4	42.5	41.6	41.3
35°	119.4	104.8	91.0	78.8	66.9	58.3	50.9	47.0	44.3	42.3	41.2
32.5°	160.5	138.0	114.2	97.9	81.9	68.3	58.4	50.7	46.1	43.5	41.8
30°	220.3	183.3	150.6	121.1	100.1	81.9	67.1	56.5	49.1	44.9	42.6
27.5°	306.2	240.7	196.8	155.0	121.1	98.2	79.1	63.3	52.8	47.1	43.7
25°	459.3	331.2	252.1	197.1	151.6	115.4	92.1	73.1	58.6	49.4	44.7
22.5°	684.4	485.5	332.4	243.4	186.7	141.1	107.0	83.2	64.1	52.8	46.6
20°	1009.3	690.1	465.8	314.2	227.6	166.2	123.5	94.7	72.7	57.4	48.4
17.5°	1305.5	976.4	630.8	398.1	278.5	200.7	144.9	105.7	80.1	61.5	50.0
15°	1561.6	1224.3	855.0	537.3	333.3	232.4	164.9	115.5	87.1	66.4	53.0
12.5°	1743.4	1428.8	1061.1	657.5	397.3	268.1	188.4	131.3	94.7	71.3	55.8
10°	1895.1	1589.5	1230.3	817.8	489.0	306.4	209.4	144.6	101.1	75.0	58.0
7.5°	1986.8	1708.4	1360.2	953.0	564.2	338.6	226.8	154.5	106.2	77.7	59.6
5°	2056.8	1793.3	1454.7	1055.1	626.1	362.9	240.6	161.2	110.0	79.3	60.7
2.5°	2108.7	1842.0	1514.3	1116.8	664.8	378.8	249.8	165.9	111.8	80.7	61.5
0°	2116.5	1857.8	1517.9	1127.9	655.0	386.1	253.4	168.8	111.8	81.4	61.9
-2.5°	2108.7	1842.0	1514.3	1116.8	664.8	378.8	249.8	165.9	111.8	80.7	61.5
-5°	2056.8	1793.3	1454.7	1055.1	626.1	362.9	240.6	161.2	110.0	79.3	60.7
-7.5°	1986.8	1708.4	1360.2	953.0	564.2	338.6	226.8	154.5	106.2	77.7	59.6
-10°	1895.1	1589.5	1230.3	817.8	489.0	306.4	209.4	144.6	101.1	75.0	58.0
-12.5°	1743.4	1428.8	1061.1	657.5	397.3	268.1	188.4	131.3	94.7	71.3	55.8
-15°	1561.6	1224.3	855.0	537.3	333.3	232.4	164.9	115.5	87.1	66.4	53.0
-17.5°	1305.5	976.4	630.8	398.1	278.5	200.7	144.9	105.7	80.1	61.5	50.0
-20°	1009.3	690.1	465.8	314.2	227.6	166.2	123.5	94.7	72.7	57.4	48.4



REPORT NUMBER: P558476 (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°	684.4	485.5	332.4	243.4	186.7	141.1	107.0	83.2	64.1	52.8	46.6
-25°	459.3	331.2	252.1	197.1	151.6	115.4	92.1	73.1	58.6	49.4	44.7
-27.5°	306.2	240.7	196.8	155.0	121.1	98.2	79.1	63.3	52.8	47.1	43.7
-30°	220.3	183.3	150.6	121.1	100.1	81.9	67.1	56.5	49.1	44.9	42.6
-32.5°	160.5	138.0	114.2	97.9	81.9	68.3	58.4	50.7	46.1	43.5	41.8
-35°	119.4	104.8	91.0	78.8	66.9	58.3	50.9	47.0	44.3	42.3	41.2
-37.5°	92.0	82.0	73.0	63.6	56.5	50.5	46.9	44.4	42.5	41.6	41.3
-40°	72.1	64.9	59.4	53.2	49.3	46.1	44.1	42.5	41.6	41.4	41.8
-42.5°	57.8	53.4	50.0	47.4	45.0	43.5	42.2	41.4	41.2	41.8	42.5
-45°	48.7	46.9	44.9	43.8	42.6	41.8	41.1	41.2	41.7	42.4	43.2
-47.5°	44.0	43.2	42.3	41.9	41.4	41.0	41.3	41.7	42.5	43.1	42.5
-50°	41.5	41.3	41.1	41.0	41.3	41.6	42.1	42.6	42.9	42.4	41.2
-52.5°	40.4	40.8	41.3	41.7	42.2	42.7	43.1	42.7	42.3	40.6	38.5
-55°	41.3	41.8	42.3	42.9	43.3	42.8	42.4	41.4	39.6	37.7	35.1
-57.5°	42.8	42.9	42.7	42.5	42.3	41.2	39.7	38.1	36.1	33.9	31.5
-60°	42.2	41.8	40.9	39.9	38.8	37.6	35.9	34.1	32.1	30.1	28.0
-62.5°	38.7	37.8	36.8	35.7	34.4	33.0	31.5	29.9	28.2	26.4	24.7
-65°	34.0	33.0	32.0	31.0	29.8	28.5	27.2	25.8	24.4	23.0	21.4
-67.5°	28.9	28.1	27.2	26.3	25.4	24.4	23.3	22.1	20.9	19.6	18.3
-70°	24.1	23.4	22.7	22.0	21.3	20.5	19.6	18.5	17.4	16.4	15.5
-72.5°	19.6	19.1	18.5	17.9	17.3	16.7	15.9	15.2	14.4	13.7	12.8
-75°	15.5	15.1	14.6	14.2	13.7	13.2	12.6	12.1	11.5	10.8	10.1
-77.5°	11.6	11.3	11.0	10.6	10.3	9.9	9.4	9.0	8.6	8.2	7.7
-80°	8.1	7.9	7.8	7.6	7.3	7.1	6.8	6.4	6.1	5.7	5.4
-82.5°	5.4	5.3	5.1	5.0	4.8	4.6	4.3	4.1	3.9	3.6	3.3
-85°	2.9	2.9	2.8	2.7	2.6	2.5	2.3	2.3	2.2	2.1	1.9
-87.5°	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	0.9	0.9	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





REPORT NUMBER: P558476 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-935-U-MR-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.7	1.5	1.2	1.1
80°	5.0	4.7	4.3	4.0	3.6	3.2	2.9	2.6	2.3	2.0	1.6
77.5°	7.1	6.6	6.0	5.5	5.0	4.5	3.9	3.5	3.1	2.7	2.3
75°	9.3	8.6	7.9	7.2	6.5	5.7	5.1	4.5	3.9	3.4	2.9
72.5°	11.9	11.0	10.0	9.0	8.1	7.2	6.3	5.5	4.8	4.2	3.5
70°	14.5	13.4	12.3	11.1	9.9	8.7	7.6	6.7	5.7	5.0	4.2
67.5°	17.0	15.8	14.6	13.2	11.8	10.4	9.0	7.9	6.8	5.7	4.9
65°	19.9	18.4	16.8	15.4	13.8	12.2	10.7	9.2	7.9	6.7	5.5
62.5°	22.9	21.1	19.4	17.6	15.8	14.1	12.3	10.7	9.0	7.6	6.3
60°	26.0	24.0	21.9	19.9	17.9	16.0	14.0	12.1	10.3	8.5	7.1
57.5°	29.2	26.8	24.5	22.2	20.0	17.8	15.7	13.6	11.6	9.6	7.9
55°	32.5	29.8	27.2	24.6	22.1	19.7	17.4	15.1	12.9	10.7	8.6
52.5°	35.9	32.8	29.9	27.1	24.3	21.5	19.0	16.5	14.1	11.8	9.6
50°	38.8	35.9	32.6	29.5	26.5	23.5	20.7	18.0	15.3	12.9	10.5
47.5°	41.3	38.5	35.3	31.8	28.6	25.5	22.4	19.4	16.5	13.9	11.4
45°	42.3	40.8	37.8	34.3	30.7	27.4	24.2	20.9	17.8	14.9	12.2
42.5°	42.9	42.0	39.8	36.6	32.9	29.3	25.8	22.4	19.0	15.8	13.0
40°	42.4	42.5	41.5	38.5	35.0	31.0	27.4	23.8	20.2	16.8	13.8
37.5°	41.7	42.4	42.0	40.4	37.0	33.0	29.0	25.2	21.4	17.8	14.5
35°	41.3	41.8	42.5	41.5	38.6	34.8	30.4	26.5	22.6	18.8	15.2
32.5°	40.9	41.3	42.1	42.0	40.2	36.5	32.0	27.7	23.7	19.7	15.9
30°	41.2	41.0	41.6	42.4	41.3	37.9	33.4	28.9	24.7	20.5	16.6
27.5°	41.7	40.7	41.2	42.2	41.7	39.1	34.8	30.0	25.6	21.3	17.3
25°	42.3	40.9	41.0	41.8	42.0	40.2	36.0	31.0	26.5	22.1	17.9
22.5°	43.1	41.2	40.7	41.4	42.3	41.2	37.0	32.0	27.3	22.8	18.5
20°	43.9	41.5	40.4	41.1	42.2	41.5	37.8	32.9	28.0	23.4	19.0
17.5°	44.7	41.9	40.6	40.9	41.9	41.7	38.6	33.7	28.7	23.9	19.4
15°	46.0	42.5	40.8	40.7	41.7	41.9	39.3	34.4	29.2	24.4	19.8
12.5°	47.1	42.9	40.9	40.5	41.4	42.0	39.8	34.9	29.7	24.8	20.1
10°	48.1	43.3	41.0	40.4	41.2	42.2	40.3	35.4	30.1	25.1	20.4
7.5°	48.8	43.6	41.1	40.3	41.0	42.3	40.8	36.0	30.5	25.4	20.6
5°	49.3	43.9	41.2	40.2	40.9	42.3	41.1	36.4	30.7	25.5	20.8
2.5°	49.7	44.3	41.4	40.2	40.8	42.4	41.3	36.7	30.9	25.6	20.9
0°	49.9	44.6	41.6	40.2	40.8	42.4	41.4	36.9	31.0	25.6	20.9
-2.5°	49.7	44.3	41.4	40.2	40.8	42.4	41.3	36.7	30.9	25.6	20.9
-5°	49.3	43.9	41.2	40.2	40.9	42.3	41.1	36.4	30.7	25.5	20.8
-7.5°	48.8	43.6	41.1	40.3	41.0	42.3	40.8	36.0	30.5	25.4	20.6
-10°	48.1	43.3	41.0	40.4	41.2	42.2	40.3	35.4	30.1	25.1	20.4
-12.5°	47.1	42.9	40.9	40.5	41.4	42.0	39.8	34.9	29.7	24.8	20.1
-15°	46.0	42.5	40.8	40.7	41.7	41.9	39.3	34.4	29.2	24.4	19.8
-17.5°	44.7	41.9	40.6	40.9	41.9	41.7	38.6	33.7	28.7	23.9	19.4
-20°	43.9	41.5	40.4	41.1	42.2	41.5	37.8	32.9	28.0	23.4	19.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	43.1	41.2	40.7	41.4	42.3	41.2	37.0	32.0	27.3	22.8	18.5
-25°	42.3	40.9	41.0	41.8	42.0	40.2	36.0	31.0	26.5	22.1	17.9
-27.5°	41.7	40.7	41.2	42.2	41.7	39.1	34.8	30.0	25.6	21.3	17.3
-30°	41.2	41.0	41.6	42.4	41.3	37.9	33.4	28.9	24.7	20.5	16.6
-32.5°	40.9	41.3	42.1	42.0	40.2	36.5	32.0	27.7	23.7	19.7	15.9
-35°	41.3	41.8	42.5	41.5	38.6	34.8	30.4	26.5	22.6	18.8	15.2
-37.5°	41.7	42.4	42.0	40.4	37.0	33.0	29.0	25.2	21.4	17.8	14.5
-40°	42.4	42.5	41.5	38.5	35.0	31.0	27.4	23.8	20.2	16.8	13.8
-42.5°	42.9	42.0	39.8	36.6	32.9	29.3	25.8	22.4	19.0	15.8	13.0
-45°	42.3	40.8	37.8	34.3	30.7	27.4	24.2	20.9	17.8	14.9	12.2
-47.5°	41.3	38.5	35.3	31.8	28.6	25.5	22.4	19.4	16.5	13.9	11.4
-50°	38.8	35.9	32.6	29.5	26.5	23.5	20.7	18.0	15.3	12.9	10.5
-52.5°	35.9	32.8	29.9	27.1	24.3	21.5	19.0	16.5	14.1	11.8	9.6
-55°	32.5	29.8	27.2	24.6	22.1	19.7	17.4	15.1	12.9	10.7	8.6
-57.5°	29.2	26.8	24.5	22.2	20.0	17.8	15.7	13.6	11.6	9.6	7.9
-60°	26.0	24.0	21.9	19.9	17.9	16.0	14.0	12.1	10.3	8.5	7.1
-62.5°	22.9	21.1	19.4	17.6	15.8	14.1	12.3	10.7	9.0	7.6	6.3
-65°	19.9	18.4	16.8	15.4	13.8	12.2	10.7	9.2	7.9	6.7	5.5
-67.5°	17.0	15.8	14.6	13.2	11.8	10.4	9.0	7.9	6.8	5.7	4.9
-70°	14.5	13.4	12.3	11.1	9.9	8.7	7.6	6.7	5.7	5.0	4.2
-72.5°	11.9	11.0	10.0	9.0	8.1	7.2	6.3	5.5	4.8	4.2	3.5
-75°	9.3	8.6	7.9	7.2	6.5	5.7	5.1	4.5	3.9	3.4	2.9
-77.5°	7.1	6.6	6.0	5.5	5.0	4.5	3.9	3.5	3.1	2.7	2.3
-80°	5.0	4.7	4.3	4.0	3.6	3.2	2.9	2.6	2.3	2.0	1.6
-82.5°	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.7	1.5	1.2	1.1
-85°	1.8	1.7	1.6	1.5	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-87.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	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	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.8	1.4	1.0	0.8	0.5	0.3	0.0
75°	2.4	1.8	1.3	0.9	0.6	0.3	0.0
72.5°	2.9	2.3	1.6	1.1	0.7	0.4	0.0
70°	3.5	2.7	2.0	1.2	0.8	0.4	0.0
67.5°	4.0	3.1	2.3	1.5	0.9	0.5	0.0
65°	4.6	3.6	2.6	1.7	1.0	0.5	0.0
62.5°	5.1	4.0	2.9	2.0	1.1	0.6	0.0
60°	5.7	4.5	3.3	2.2	1.2	0.6	0.0
57.5°	6.3	5.0	3.6	2.4	1.3	0.6	0.0
55°	7.0	5.4	4.0	2.7	1.5	0.7	0.0
52.5°	7.6	5.9	4.4	2.9	1.6	0.7	0.0
50°	8.3	6.4	4.7	3.1	1.8	0.8	0.0
47.5°	8.9	6.9	5.1	3.3	1.9	0.8	0.0
45°	9.6	7.4	5.4	3.5	2.1	0.8	0.0
42.5°	10.3	7.8	5.7	3.8	2.2	0.9	0.0
40°	10.9	8.3	6.0	4.0	2.3	0.9	0.0
37.5°	11.5	8.7	6.4	4.2	2.4	1.0	0.0
35°	12.1	9.2	6.7	4.4	2.5	1.0	0.0
32.5°	12.6	9.6	7.0	4.6	2.6	1.0	0.0
30°	13.2	10.0	7.3	4.8	2.7	1.0	0.0
27.5°	13.7	10.4	7.5	5.0	2.8	1.1	0.0
25°	14.1	10.7	7.7	5.1	2.9	1.1	0.0
22.5°	14.5	11.0	7.9	5.2	3.0	1.1	0.0
20°	14.9	11.3	8.1	5.3	3.1	1.1	0.0
17.5°	15.3	11.5	8.3	5.4	3.1	1.1	0.0
15°	15.6	11.7	8.4	5.5	3.2	1.2	0.0
12.5°	15.8	11.9	8.5	5.6	3.3	1.2	0.0
10°	16.0	12.0	8.6	5.6	3.3	1.2	0.0
7.5°	16.2	12.1	8.6	5.7	3.3	1.2	0.0
5°	16.3	12.2	8.7	5.7	3.4	1.2	0.0
2.5°	16.4	12.2	8.7	5.7	3.4	1.2	0.0
0°	16.4	12.2	8.7	5.7	3.4	1.2	0.0
-2.5°	16.4	12.2	8.7	5.7	3.4	1.2	0.0
-5°	16.3	12.2	8.7	5.7	3.4	1.2	0.0
-7.5°	16.2	12.1	8.6	5.7	3.3	1.2	0.0
-10°	16.0	12.0	8.6	5.6	3.3	1.2	0.0
-12.5°	15.8	11.9	8.5	5.6	3.3	1.2	0.0
-15°	15.6	11.7	8.4	5.5	3.2	1.2	0.0
-17.5°	15.3	11.5	8.3	5.4	3.1	1.1	0.0
-20°	14.9	11.3	8.1	5.3	3.1	1.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.5	11.0	7.9	5.2	3.0	1.1	0.0
-25°	14.1	10.7	7.7	5.1	2.9	1.1	0.0
-27.5°	13.7	10.4	7.5	5.0	2.8	1.1	0.0
-30°	13.2	10.0	7.3	4.8	2.7	1.0	0.0
-32.5°	12.6	9.6	7.0	4.6	2.6	1.0	0.0
-35°	12.1	9.2	6.7	4.4	2.5	1.0	0.0
-37.5°	11.5	8.7	6.4	4.2	2.4	1.0	0.0
-40°	10.9	8.3	6.0	4.0	2.3	0.9	0.0
-42.5°	10.3	7.8	5.7	3.8	2.2	0.9	0.0
-45°	9.6	7.4	5.4	3.5	2.1	0.8	0.0
-47.5°	8.9	6.9	5.1	3.3	1.9	0.8	0.0
-50°	8.3	6.4	4.7	3.1	1.8	0.8	0.0
-52.5°	7.6	5.9	4.4	2.9	1.6	0.7	0.0
-55°	7.0	5.4	4.0	2.7	1.5	0.7	0.0
-57.5°	6.3	5.0	3.6	2.4	1.3	0.6	0.0
-60°	5.7	4.5	3.3	2.2	1.2	0.6	0.0
-62.5°	5.1	4.0	2.9	2.0	1.1	0.6	0.0
-65°	4.6	3.6	2.6	1.7	1.0	0.5	0.0
-67.5°	4.0	3.1	2.3	1.5	0.9	0.5	0.0
-70°	3.5	2.7	2.0	1.2	0.8	0.4	0.0
-72.5°	2.9	2.3	1.6	1.1	0.7	0.4	0.0
-75°	2.4	1.8	1.3	0.9	0.6	0.3	0.0
-77.5°	1.8	1.4	1.0	0.8	0.5	0.3	0.0
-80°	1.3	1.0	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)