

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: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558580 (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-SA1D-940-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

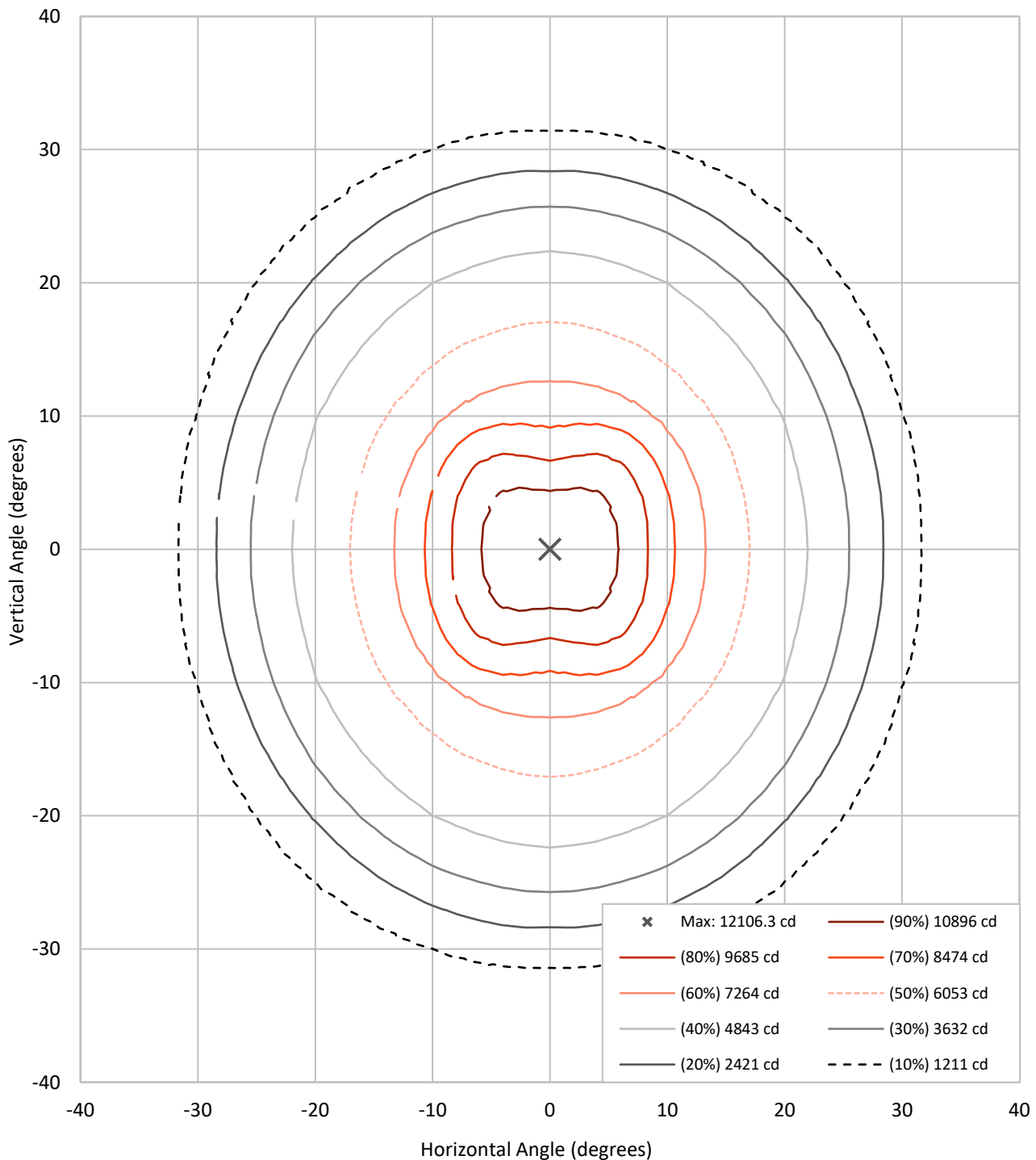
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5355.5 lumens	Max Intensity:	12106.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2281.1 lumens	Field Lumens:	4662.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 55  
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





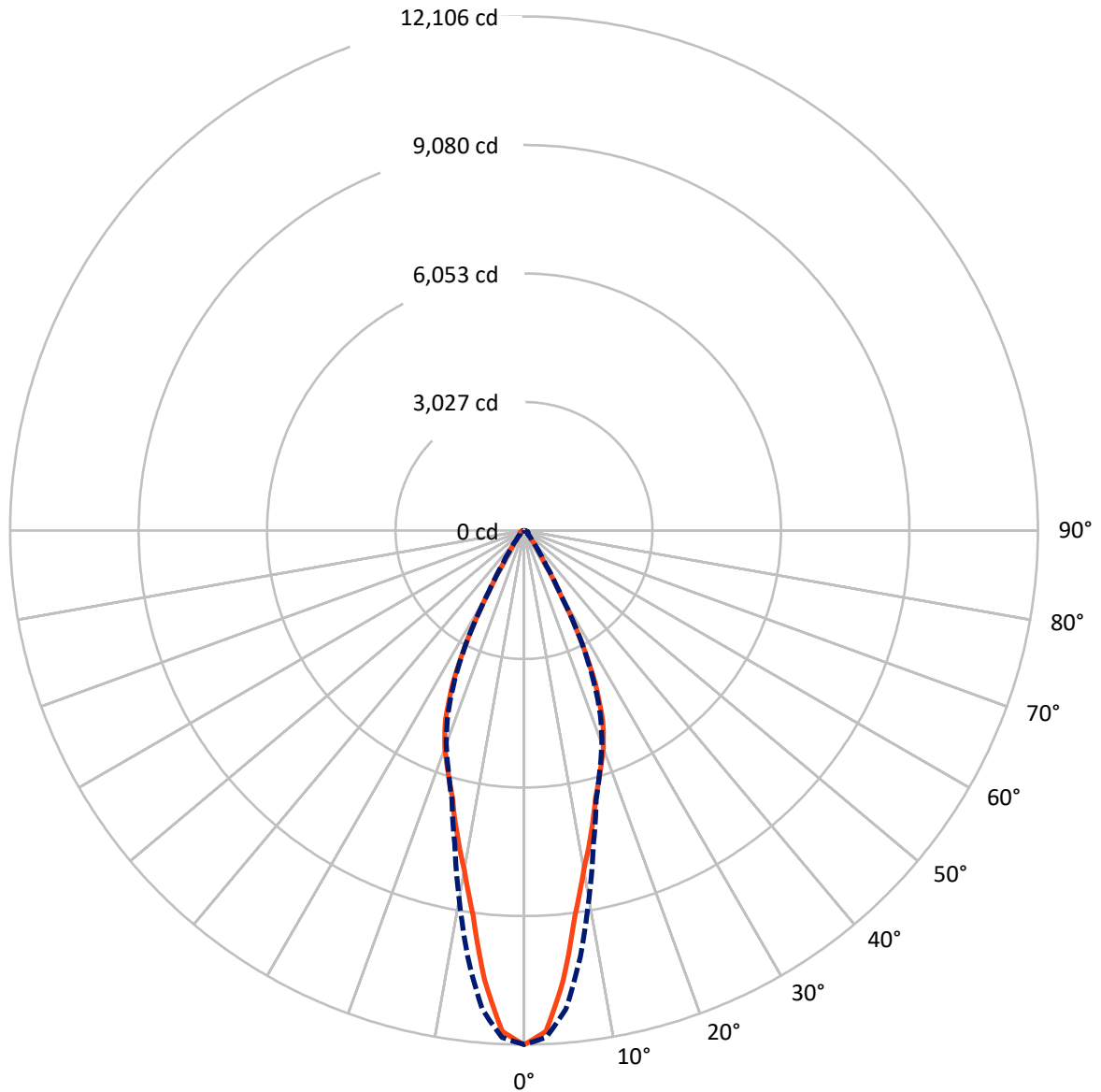
REPORT NUMBER: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.1	0.6		1.7		2.7		3.2		2.7		1.7		0.6		0.1			
80	0.1	0.6		1.7		2.7		3.2		2.7		1.7		0.6		0.1			
70	0.3	0.3	0.7	1.2	1.7	2.2	2.6	2.8	2.8	2.6	2.2	1.7	1.2	0.7	0.3	0.3			
60		0.5	1.1	1.9	2.6	2.9	3.1	3.2	3.2	3.1	2.9	2.6	1.9	1.1	0.5				
50	0.5	0.7	1.5	2.3	2.7	3.3	4.2	4.9	4.9	4.2	3.3	2.7	2.3	1.5	0.7	0.5			
40		0.9	1.8	2.3	3.5	6.8	13.0	19.8	19.8	13.0	6.8	3.5	2.3	1.8	0.9				
30	0.7	1.0	1.8	2.6	6.3	20.8	65.5	107.9	107.9	65.5	20.8	6.3	2.6	1.8	1.0	0.7			
20		1.1	1.8	3.2	11.7	61.8	146.0	193.3	193.3	146.0	61.8	11.7	3.2	1.8	1.1				
10	0.8	1.2	1.8	3.7	17.8	97.3	189.8	299.5	299.5	189.8	97.3	17.8	3.7	1.8	1.2	0.8			
0		1.2	1.8	3.7	17.8	97.3	189.8	299.5	299.5	189.8	97.3	17.8	3.7	1.8	1.2				
-10	0.7	1.1	1.8	3.2	11.7	61.8	146.0	193.3	193.3	146.0	61.8	11.7	3.2	1.8	1.1	0.7			
-20		1.0	1.8	2.6	6.3	20.8	65.5	107.9	107.9	65.5	20.8	6.3	2.6	1.8	1.0				
-30	0.5	0.9	1.8	2.3	3.5	6.8	13.0	19.8	19.8	13.0	6.8	3.5	2.3	1.8	0.9	0.5			
-40		0.7	1.5	2.3	2.7	3.3	4.2	4.9	4.9	4.2	3.3	2.7	2.3	1.5	0.7				
-50	0.3	0.5	1.1	1.9	2.6	2.9	3.1	3.2	3.2	3.1	2.9	2.6	1.9	1.1	0.5	0.3			
-60		0.3	0.7	1.2	1.7	2.2	2.6	2.8	2.8	2.6	2.2	1.7	1.2	0.7	0.3				
-70	0.1	0.6		1.7		2.7		3.2		2.7		1.7		0.6		0.1			
-80		0.6		1.7		2.7		3.2		2.7		1.7		0.6					
-90	0.1	0.6		1.7		2.7		3.2		2.7		1.7		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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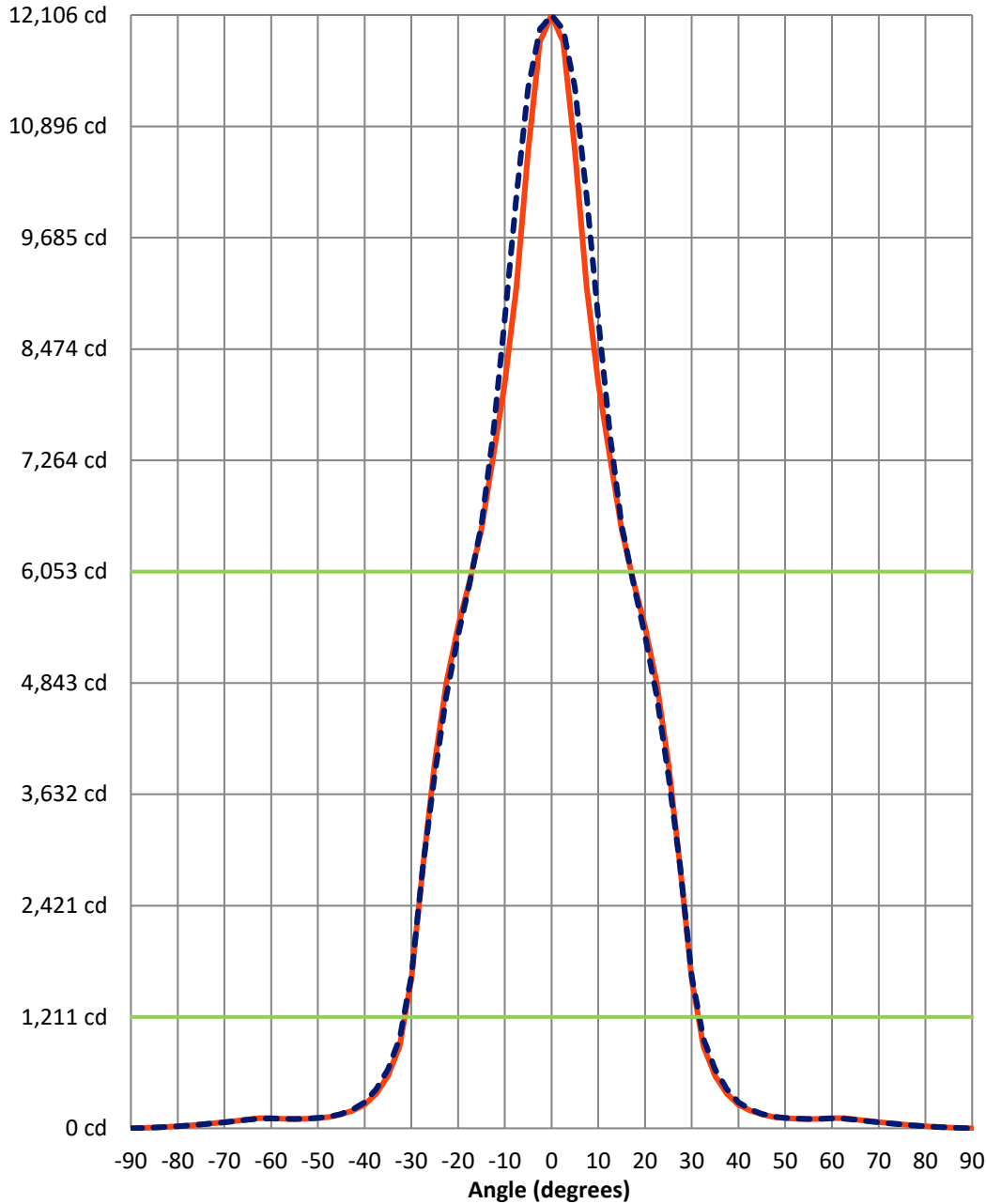
### Luminous Intensity Polar Plot



— 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: 2281.1  
Efficiency: 42.6%

**Field:**  
H Angle: 63.3°  
V Angle: 62.8°  
Lumens: 4662.1  
Efficiency: 87.1%

**Spill:**  
Lumens: 693.4  
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	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.9	4.5
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	4.2	5.0	5.8	6.6
77.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.7	5.8	6.9	7.8	8.8
75°	0.0	0.8	1.6	2.4	3.3	4.7	6.1	7.4	8.7	10.0	11.4
72.5°	0.0	0.9	1.9	2.8	4.2	5.8	7.5	9.0	10.6	12.2	13.9
70°	0.0	1.1	2.1	3.2	5.0	6.9	8.8	10.7	12.6	14.5	16.9
67.5°	0.0	1.2	2.4	3.9	5.9	8.0	10.2	12.3	14.5	17.2	20.0
65°	0.0	1.3	2.6	4.5	6.7	9.1	11.6	13.9	16.9	20.0	23.2
62.5°	0.0	1.4	2.9	5.1	7.5	10.3	13.0	15.9	19.3	22.8	27.0
60°	0.0	1.5	3.1	5.7	8.3	11.5	14.3	17.9	21.6	26.1	30.6
57.5°	0.0	1.7	3.5	6.2	9.3	12.6	16.0	19.9	24.4	29.3	34.4
55°	0.0	1.8	3.9	6.8	10.2	13.7	17.7	21.9	27.2	32.5	38.2
52.5°	0.0	1.9	4.2	7.3	11.1	14.9	19.4	24.3	29.9	35.7	41.8
50°	0.0	2.0	4.6	7.9	12.0	16.2	21.0	26.5	32.6	38.8	45.5
47.5°	0.0	2.1	4.9	8.4	12.8	17.5	22.6	28.7	35.2	41.7	49.2
45°	0.0	2.2	5.3	9.0	13.6	18.7	24.3	30.8	37.7	45.0	52.9
42.5°	0.0	2.3	5.6	9.6	14.4	19.9	26.0	32.9	40.0	48.2	56.6
40°	0.0	2.4	5.9	10.2	15.3	21.0	27.6	34.9	42.5	51.3	60.2
37.5°	0.0	2.5	6.2	10.7	16.1	22.1	29.1	36.8	45.1	54.2	63.7
35°	0.0	2.5	6.5	11.3	16.9	23.2	30.5	38.6	47.5	57.1	67.0
32.5°	0.0	2.6	6.8	11.7	17.7	24.3	31.9	40.4	49.8	59.8	70.2
30°	0.0	2.7	7.0	12.2	18.4	25.4	33.3	42.0	51.9	62.4	73.2
27.5°	0.0	2.7	7.3	12.6	19.1	26.3	34.6	43.8	53.9	64.7	76.0
25°	0.0	2.8	7.5	12.9	19.6	27.2	35.7	45.3	55.8	67.0	78.5
22.5°	0.0	2.9	7.7	13.2	20.1	27.9	36.8	46.7	57.6	69.0	81.1
20°	0.0	2.9	7.9	13.5	20.6	28.6	37.8	48.0	59.1	70.9	83.3
17.5°	0.0	3.0	8.0	13.8	21.0	29.1	38.7	49.1	60.5	72.6	85.3
15°	0.0	3.0	8.2	14.0	21.3	29.6	39.4	50.1	61.7	74.0	87.0
12.5°	0.0	3.0	8.3	14.1	21.6	30.0	40.1	51.0	62.7	75.2	88.5
10°	0.0	3.1	8.4	14.3	21.8	30.3	40.6	51.7	63.5	76.3	89.8
7.5°	0.0	3.1	8.5	14.3	22.0	30.6	41.0	52.2	64.1	77.2	91.1
5°	0.0	3.1	8.6	14.4	22.1	30.7	41.4	52.6	64.5	77.9	92.2
2.5°	0.0	3.1	8.7	14.4	22.1	30.8	41.5	52.8	64.7	78.4	93.0
0°	0.0	3.1	8.7	14.4	22.1	30.8	41.5	52.8	64.7	78.4	93.0
-2.5°	0.0	3.1	8.7	14.4	22.1	30.8	41.5	52.8	64.7	78.4	93.0
-5°	0.0	3.1	8.6	14.4	22.1	30.7	41.4	52.6	64.5	77.9	92.2
-7.5°	0.0	3.1	8.5	14.3	22.0	30.6	41.0	52.2	64.1	77.2	91.1
-10°	0.0	3.1	8.4	14.3	21.8	30.3	40.6	51.7	63.5	76.3	89.8
-12.5°	0.0	3.0	8.3	14.1	21.6	30.0	40.1	51.0	62.7	75.2	88.5
-15°	0.0	3.0	8.2	14.0	21.3	29.6	39.4	50.1	61.7	74.0	87.0
-17.5°	0.0	3.0	8.0	13.8	21.0	29.1	38.7	49.1	60.5	72.6	85.3
-20°	0.0	2.9	7.9	13.5	20.6	28.6	37.8	48.0	59.1	70.9	83.3



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 CATALOG NUMBER: GFLD-SA1D-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.9	7.7	13.2	20.1	27.9	36.8	46.7	57.6	69.0	81.1
-25°	0.0	2.8	7.5	12.9	19.6	27.2	35.7	45.3	55.8	67.0	78.5
-27.5°	0.0	2.7	7.3	12.6	19.1	26.3	34.6	43.8	53.9	64.7	76.0
-30°	0.0	2.7	7.0	12.2	18.4	25.4	33.3	42.0	51.9	62.4	73.2
-32.5°	0.0	2.6	6.8	11.7	17.7	24.3	31.9	40.4	49.8	59.8	70.2
-35°	0.0	2.5	6.5	11.3	16.9	23.2	30.5	38.6	47.5	57.1	67.0
-37.5°	0.0	2.5	6.2	10.7	16.1	22.1	29.1	36.8	45.1	54.2	63.7
-40°	0.0	2.4	5.9	10.2	15.3	21.0	27.6	34.9	42.5	51.3	60.2
-42.5°	0.0	2.3	5.6	9.6	14.4	19.9	26.0	32.9	40.0	48.2	56.6
-45°	0.0	2.2	5.3	9.0	13.6	18.7	24.3	30.8	37.7	45.0	52.9
-47.5°	0.0	2.1	4.9	8.4	12.8	17.5	22.6	28.7	35.2	41.7	49.2
-50°	0.0	2.0	4.6	7.9	12.0	16.2	21.0	26.5	32.6	38.8	45.5
-52.5°	0.0	1.9	4.2	7.3	11.1	14.9	19.4	24.3	29.9	35.7	41.8
-55°	0.0	1.8	3.9	6.8	10.2	13.7	17.7	21.9	27.2	32.5	38.2
-57.5°	0.0	1.7	3.5	6.2	9.3	12.6	16.0	19.9	24.4	29.3	34.4
-60°	0.0	1.5	3.1	5.7	8.3	11.5	14.3	17.9	21.6	26.1	30.6
-62.5°	0.0	1.4	2.9	5.1	7.5	10.3	13.0	15.9	19.3	22.8	27.0
-65°	0.0	1.3	2.6	4.5	6.7	9.1	11.6	13.9	16.9	20.0	23.2
-67.5°	0.0	1.2	2.4	3.9	5.9	8.0	10.2	12.3	14.5	17.2	20.0
-70°	0.0	1.1	2.1	3.2	5.0	6.9	8.8	10.7	12.6	14.5	16.9
-72.5°	0.0	0.9	1.9	2.8	4.2	5.8	7.5	9.0	10.6	12.2	13.9
-75°	0.0	0.8	1.6	2.4	3.3	4.7	6.1	7.4	8.7	10.0	11.4
-77.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.7	5.8	6.9	7.8	8.8
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.3	4.2	5.0	5.8	6.6
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.9	4.5
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	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





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
85°	2.9	3.1	3.5	3.8	4.2	4.5	4.8	5.0	5.3	5.5	5.8
82.5°	5.0	5.6	6.2	6.8	7.2	7.6	8.0	8.6	9.2	9.8	10.4
80°	7.4	8.2	9.1	10.1	11.0	11.9	12.7	13.6	14.5	15.4	16.3
77.5°	10.1	11.3	12.6	13.9	15.1	16.6	18.0	19.4	20.7	21.8	22.9
75°	12.9	14.4	16.3	18.2	20.1	21.9	23.7	25.7	27.4	29.0	30.5
72.5°	16.0	18.2	20.5	22.8	25.3	27.8	30.2	32.5	34.6	36.5	38.5
70°	19.4	22.0	25.0	28.1	31.0	33.9	36.6	39.2	41.6	44.2	46.9
67.5°	22.9	26.4	29.9	33.4	36.9	40.0	43.0	46.4	49.7	52.9	56.1
65°	27.0	30.9	35.0	38.9	42.7	46.6	50.4	54.2	58.1	61.9	65.3
62.5°	31.1	35.7	40.1	44.5	49.0	53.4	58.0	62.5	66.8	71.2	75.5
60°	35.4	40.4	45.4	50.3	55.4	60.6	65.7	70.9	76.2	81.2	86.1
57.5°	39.8	45.2	50.6	56.2	62.1	67.9	73.8	79.7	85.7	91.5	96.5
55°	44.0	49.8	55.9	62.3	68.8	75.4	82.1	88.9	95.4	100.3	104.8
52.5°	48.2	54.5	61.4	68.4	75.6	83.1	90.8	97.4	102.8	107.0	108.0
50°	52.4	59.5	66.9	74.6	82.5	90.9	98.3	104.3	107.4	108.6	108.0
47.5°	56.7	64.4	72.3	80.6	89.5	97.5	104.5	107.6	109.1	107.5	105.5
45°	61.1	69.3	77.7	86.8	95.6	103.2	107.2	109.4	107.4	105.5	104.2
42.5°	65.2	74.1	83.2	92.6	100.8	106.2	108.7	107.5	105.8	104.3	104.8
40°	69.4	78.7	88.7	97.4	104.9	107.6	107.3	105.7	104.7	105.3	107.4
37.5°	73.4	83.5	93.7	102.2	106.2	107.3	105.5	104.5	105.2	107.6	112.3
35°	77.2	88.1	97.8	104.9	107.6	105.8	104.4	104.3	107.0	111.9	118.8
32.5°	81.0	92.5	101.7	106.1	106.6	104.5	103.5	105.8	110.2	116.7	128.3
30°	84.7	95.8	104.5	107.2	105.4	103.8	104.3	107.7	113.6	124.4	143.2
27.5°	88.1	98.9	105.4	106.7	104.3	103.0	105.5	110.6	119.2	133.6	160.3
25°	91.2	101.7	106.2	105.7	103.6	103.5	107.0	113.3	125.1	148.4	185.0
22.5°	93.7	104.2	107.0	104.8	102.9	104.3	109.2	117.9	133.7	162.3	210.7
20°	95.8	104.9	106.9	104.0	102.3	105.0	111.2	122.5	145.3	184.1	239.7
17.5°	97.7	105.4	106.1	103.4	102.7	106.1	113.2	126.5	155.7	202.8	267.4
15°	99.3	105.9	105.4	102.9	103.2	107.5	116.5	134.2	168.1	220.5	292.4
12.5°	100.8	106.3	104.8	102.5	103.5	108.7	119.4	141.3	180.3	239.6	332.4
10°	102.0	106.7	104.2	102.2	103.8	109.7	121.7	146.8	189.8	255.8	366.0
7.5°	103.1	107.0	103.7	101.9	103.9	110.4	123.4	150.8	196.5	268.8	391.2
5°	104.0	107.2	103.4	101.8	104.3	111.1	124.7	153.5	200.6	278.3	408.0
2.5°	104.5	107.3	103.3	101.7	104.8	112.2	125.8	155.7	204.2	283.0	420.0
0°	104.8	107.3	103.2	101.7	105.3	113.0	126.3	156.6	205.9	283.0	427.3
-2.5°	104.5	107.3	103.3	101.7	104.8	112.2	125.8	155.7	204.2	283.0	420.0
-5°	104.0	107.2	103.4	101.8	104.3	111.1	124.7	153.5	200.6	278.3	408.0
-7.5°	103.1	107.0	103.7	101.9	103.9	110.4	123.4	150.8	196.5	268.8	391.2
-10°	102.0	106.7	104.2	102.2	103.8	109.7	121.7	146.8	189.8	255.8	366.0
-12.5°	100.8	106.3	104.8	102.5	103.5	108.7	119.4	141.3	180.3	239.6	332.4
-15°	99.3	105.9	105.4	102.9	103.2	107.5	116.5	134.2	168.1	220.5	292.4
-17.5°	97.7	105.4	106.1	103.4	102.7	106.1	113.2	126.5	155.7	202.8	267.4
-20°	95.8	104.9	106.9	104.0	102.3	105.0	111.2	122.5	145.3	184.1	239.7



REPORT NUMBER: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	93.7	104.2	107.0	104.8	102.9	104.3	109.2	117.9	133.7	162.3	210.7
-25°	91.2	101.7	106.2	105.7	103.6	103.5	107.0	113.3	125.1	148.4	185.0
-27.5°	88.1	98.9	105.4	106.7	104.3	103.0	105.5	110.6	119.2	133.6	160.3
-30°	84.7	95.8	104.5	107.2	105.4	103.8	104.3	107.7	113.6	124.4	143.2
-32.5°	81.0	92.5	101.7	106.1	106.6	104.5	103.5	105.8	110.2	116.7	128.3
-35°	77.2	88.1	97.8	104.9	107.6	105.8	104.4	104.3	107.0	111.9	118.8
-37.5°	73.4	83.5	93.7	102.2	106.2	107.3	105.5	104.5	105.2	107.6	112.3
-40°	69.4	78.7	88.7	97.4	104.9	107.6	107.3	105.7	104.7	105.3	107.4
-42.5°	65.2	74.1	83.2	92.6	100.8	106.2	108.7	107.5	105.8	104.3	104.8
-45°	61.1	69.3	77.7	86.8	95.6	103.2	107.2	109.4	107.4	105.5	104.2
-47.5°	56.7	64.4	72.3	80.6	89.5	97.5	104.5	107.6	109.1	107.5	105.5
-50°	52.4	59.5	66.9	74.6	82.5	90.9	98.3	104.3	107.4	108.6	108.0
-52.5°	48.2	54.5	61.4	68.4	75.6	83.1	90.8	97.4	102.8	107.0	108.0
-55°	44.0	49.8	55.9	62.3	68.8	75.4	82.1	88.9	95.4	100.3	104.8
-57.5°	39.8	45.2	50.6	56.2	62.1	67.9	73.8	79.7	85.7	91.5	96.5
-60°	35.4	40.4	45.4	50.3	55.4	60.6	65.7	70.9	76.2	81.2	86.1
-62.5°	31.1	35.7	40.1	44.5	49.0	53.4	58.0	62.5	66.8	71.2	75.5
-65°	27.0	30.9	35.0	38.9	42.7	46.6	50.4	54.2	58.1	61.9	65.3
-67.5°	22.9	26.4	29.9	33.4	36.9	40.0	43.0	46.4	49.7	52.9	56.1
-70°	19.4	22.0	25.0	28.1	31.0	33.9	36.6	39.2	41.6	44.2	46.9
-72.5°	16.0	18.2	20.5	22.8	25.3	27.8	30.2	32.5	34.6	36.5	38.5
-75°	12.9	14.4	16.3	18.2	20.1	21.9	23.7	25.7	27.4	29.0	30.5
-77.5°	10.1	11.3	12.6	13.9	15.1	16.6	18.0	19.4	20.7	21.8	22.9
-80°	7.4	8.2	9.1	10.1	11.0	11.9	12.7	13.6	14.5	15.4	16.3
-82.5°	5.0	5.6	6.2	6.8	7.2	7.6	8.0	8.6	9.2	9.8	10.4
-85°	2.9	3.1	3.5	3.8	4.2	4.5	4.8	5.0	5.3	5.5	5.8
-87.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
-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: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.5	2.7	2.8
85°	6.0	6.3	6.6	6.9	7.1	7.3	7.5	7.7	7.8	7.9	8.0
82.5°	11.0	11.6	12.1	12.6	13.0	13.4	13.7	14.0	14.2	14.4	14.6
80°	17.1	17.9	18.6	19.2	19.7	20.2	20.5	20.9	21.1	21.6	22.1
77.5°	24.0	25.0	26.0	26.9	27.8	28.6	29.3	30.0	30.6	31.1	31.4
75°	31.9	33.3	34.6	35.9	37.0	38.2	39.3	40.3	41.2	41.9	42.3
72.5°	40.4	42.2	43.9	45.4	46.9	48.3	49.7	51.0	52.1	53.0	53.6
70°	49.6	51.9	53.9	55.6	57.4	59.2	60.9	62.5	63.8	64.9	65.7
67.5°	59.0	61.8	64.2	66.5	68.9	71.1	73.2	75.2	77.0	78.3	79.2
65°	68.7	72.2	75.3	78.2	80.8	83.3	86.0	88.4	90.6	92.4	93.8
62.5°	79.6	83.5	87.1	90.4	93.3	95.6	98.1	100.4	102.5	104.3	106.2
60°	90.8	95.2	98.3	101.1	103.6	105.9	106.7	107.6	108.3	108.9	109.6
57.5°	100.5	104.3	107.0	107.7	108.2	108.7	108.4	107.5	106.6	105.7	104.9
55°	107.3	108.4	109.6	108.7	107.2	105.8	104.6	103.7	102.9	102.2	101.5
52.5°	109.2	108.1	106.9	105.5	104.4	103.4	102.3	102.5	102.8	103.0	103.1
50°	106.5	105.3	104.6	103.8	103.9	104.5	104.9	105.9	107.2	108.1	108.8
47.5°	104.4	103.6	104.6	106.0	107.2	109.4	111.4	113.3	116.3	118.6	120.5
45°	103.9	105.8	107.8	111.0	113.8	118.7	123.3	127.1	134.2	140.6	145.7
42.5°	106.8	110.1	113.8	120.0	126.7	135.3	146.3	155.6	166.6	176.7	184.1
40°	111.6	116.6	124.8	134.7	150.4	164.3	182.6	198.2	212.9	228.5	240.2
37.5°	118.6	127.8	143.2	161.2	184.9	207.7	232.9	257.3	278.1	309.6	334.3
35°	129.0	147.6	169.5	199.4	230.4	265.3	302.1	349.6	391.4	440.4	486.4
32.5°	147.9	173.1	207.3	247.8	289.0	349.3	406.1	483.3	552.5	638.9	731.9
30°	169.9	207.5	253.5	306.4	381.0	464.0	557.5	675.7	816.2	983.4	1207.9
27.5°	200.3	248.6	306.4	392.3	498.1	609.3	775.0	973.7	1335.9	1651.5	2069.8
25°	233.1	292.0	383.6	498.9	638.1	838.2	1162.4	1575.9	2161.6	2721.6	3169.4
22.5°	270.8	357.0	472.5	616.0	841.4	1228.8	1732.1	2460.3	3113.5	3678.3	4113.3
20°	312.6	420.7	575.9	795.2	1179.0	1746.5	2554.4	3301.8	3968.9	4455.2	4839.5
17.5°	366.8	507.9	704.9	1007.5	1596.6	2471.0	3303.9	4042.6	4623.1	5050.3	5391.0
15°	417.3	588.2	843.4	1359.8	2163.8	3098.4	3952.2	4611.1	5113.4	5511.0	5817.3
12.5°	477.0	678.4	1005.4	1664.2	2685.4	3616.1	4412.4	5027.8	5511.5	5884.1	6294.7
10°	530.1	775.5	1237.6	2069.7	3113.8	4022.9	4796.2	5349.2	5834.3	6319.9	6935.5
7.5°	574.0	857.0	1428.0	2412.0	3442.6	4323.8	5028.3	5580.8	6115.4	6764.0	7652.0
5°	608.8	918.4	1584.6	2670.3	3681.7	4538.5	5205.5	5765.6	6369.4	7237.1	8428.8
2.5°	632.1	958.7	1682.5	2826.4	3832.6	4661.8	5336.9	5886.5	6519.6	7501.9	8746.9
0°	641.4	977.2	1657.7	2854.7	3841.7	4701.8	5356.6	5931.7	6562.3	7546.2	8805.4
-2.5°	632.1	958.7	1682.5	2826.4	3832.6	4661.8	5336.9	5886.5	6519.6	7501.9	8746.9
-5°	608.8	918.4	1584.6	2670.3	3681.7	4538.5	5205.5	5765.6	6369.4	7237.1	8428.8
-7.5°	574.0	857.0	1428.0	2412.0	3442.6	4323.8	5028.3	5580.8	6115.4	6764.0	7652.0
-10°	530.1	775.5	1237.6	2069.7	3113.8	4022.9	4796.2	5349.2	5834.3	6319.9	6935.5
-12.5°	477.0	678.4	1005.4	1664.2	2685.4	3616.1	4412.4	5027.8	5511.5	5884.1	6294.7
-15°	417.3	588.2	843.4	1359.8	2163.8	3098.4	3952.2	4611.1	5113.4	5511.0	5817.3
-17.5°	366.8	507.9	704.9	1007.5	1596.6	2471.0	3303.9	4042.6	4623.1	5050.3	5391.0
-20°	312.6	420.7	575.9	795.2	1179.0	1746.5	2554.4	3301.8	3968.9	4455.2	4839.5



REPORT NUMBER: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	270.8	357.0	472.5	616.0	841.4	1228.8	1732.1	2460.3	3113.5	3678.3	4113.3
-25°	233.1	292.0	383.6	498.9	638.1	838.2	1162.4	1575.9	2161.6	2721.6	3169.4
-27.5°	200.3	248.6	306.4	392.3	498.1	609.3	775.0	973.7	1335.9	1651.5	2069.8
-30°	169.9	207.5	253.5	306.4	381.0	464.0	557.5	675.7	816.2	983.4	1207.9
-32.5°	147.9	173.1	207.3	247.8	289.0	349.3	406.1	483.3	552.5	638.9	731.9
-35°	129.0	147.6	169.5	199.4	230.4	265.3	302.1	349.6	391.4	440.4	486.4
-37.5°	118.6	127.8	143.2	161.2	184.9	207.7	232.9	257.3	278.1	309.6	334.3
-40°	111.6	116.6	124.8	134.7	150.4	164.3	182.6	198.2	212.9	228.5	240.2
-42.5°	106.8	110.1	113.8	120.0	126.7	135.3	146.3	155.6	166.6	176.7	184.1
-45°	103.9	105.8	107.8	111.0	113.8	118.7	123.3	127.1	134.2	140.6	145.7
-47.5°	104.4	103.6	104.6	106.0	107.2	109.4	111.4	113.3	116.3	118.6	120.5
-50°	106.5	105.3	104.6	103.8	103.9	104.5	104.9	105.9	107.2	108.1	108.8
-52.5°	109.2	108.1	106.9	105.5	104.4	103.4	102.3	102.5	102.8	103.0	103.1
-55°	107.3	108.4	109.6	108.7	107.2	105.8	104.6	103.7	102.9	102.2	101.5
-57.5°	100.5	104.3	107.0	107.7	108.2	108.7	108.4	107.5	106.6	105.7	104.9
-60°	90.8	95.2	98.3	101.1	103.6	105.9	106.7	107.6	108.3	108.9	109.6
-62.5°	79.6	83.5	87.1	90.4	93.3	95.6	98.1	100.4	102.5	104.3	106.2
-65°	68.7	72.2	75.3	78.2	80.8	83.3	86.0	88.4	90.6	92.4	93.8
-67.5°	59.0	61.8	64.2	66.5	68.9	71.1	73.2	75.2	77.0	78.3	79.2
-70°	49.6	51.9	53.9	55.6	57.4	59.2	60.9	62.5	63.8	64.9	65.7
-72.5°	40.4	42.2	43.9	45.4	46.9	48.3	49.7	51.0	52.1	53.0	53.6
-75°	31.9	33.3	34.6	35.9	37.0	38.2	39.3	40.3	41.2	41.9	42.3
-77.5°	24.0	25.0	26.0	26.9	27.8	28.6	29.3	30.0	30.6	31.1	31.4
-80°	17.1	17.9	18.6	19.2	19.7	20.2	20.5	20.9	21.1	21.6	22.1
-82.5°	11.0	11.6	12.1	12.6	13.0	13.4	13.7	14.0	14.2	14.4	14.6
-85°	6.0	6.3	6.6	6.9	7.1	7.3	7.5	7.7	7.8	7.9	8.0
-87.5°	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.5	2.7	2.8
-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: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.9	3.1	3.1	3.1	3.1	3.1	2.9	2.8	2.7	2.5	2.5
85°	8.1	8.2	8.4	8.7	8.4	8.2	8.1	8.0	7.9	7.8	7.7
82.5°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.2	14.0
80°	22.6	23.0	22.8	22.6	22.8	23.0	22.6	22.1	21.6	21.1	20.9
77.5°	31.6	31.6	31.5	31.3	31.5	31.6	31.6	31.4	31.1	30.6	30.0
75°	42.6	42.8	43.0	43.1	43.0	42.8	42.6	42.3	41.9	41.2	40.3
72.5°	54.2	54.6	54.6	54.4	54.6	54.6	54.2	53.6	53.0	52.1	51.0
70°	66.4	66.9	67.2	67.3	67.2	66.9	66.4	65.7	64.9	63.8	62.5
67.5°	79.8	80.2	80.5	80.6	80.5	80.2	79.8	79.2	78.3	77.0	75.2
65°	94.9	95.8	96.1	96.0	96.1	95.8	94.9	93.8	92.4	90.6	88.4
62.5°	108.0	109.6	110.2	110.4	110.2	109.6	108.0	106.2	104.3	102.5	100.4
60°	110.2	110.8	110.9	110.9	110.9	110.8	110.2	109.6	108.9	108.3	107.6
57.5°	104.3	103.7	103.3	103.2	103.3	103.7	104.3	104.9	105.7	106.6	107.5
55°	100.9	100.4	100.1	100.1	100.1	100.4	100.9	101.5	102.2	102.9	103.7
52.5°	103.2	103.1	103.3	103.7	103.3	103.1	103.2	103.1	103.0	102.8	102.5
50°	109.5	110.0	110.4	110.9	110.4	110.0	109.5	108.8	108.1	107.2	105.9
47.5°	121.8	122.5	122.9	123.2	122.9	122.5	121.8	120.5	118.6	116.3	113.3
45°	149.1	150.8	151.7	152.0	151.7	150.8	149.1	145.7	140.6	134.2	127.1
42.5°	189.0	191.7	192.9	193.1	192.9	191.7	189.0	184.1	176.7	166.6	155.6
40°	248.5	253.3	255.7	257.3	255.7	253.3	248.5	240.2	228.5	212.9	198.2
37.5°	352.8	364.8	371.6	377.4	371.6	364.8	352.8	334.3	309.6	278.1	257.3
35°	523.9	551.3	567.5	571.0	567.5	551.3	523.9	486.4	440.4	391.4	349.6
32.5°	803.5	857.3	889.5	893.5	889.5	857.3	803.5	731.9	638.9	552.5	483.3
30°	1382.1	1533.0	1636.5	1622.2	1636.5	1533.0	1382.1	1207.9	983.4	816.2	675.7
27.5°	2412.4	2686.1	2863.8	2849.0	2863.8	2686.1	2412.4	2069.8	1651.5	1335.9	973.7
25°	3513.6	3765.5	3914.2	3969.0	3914.2	3765.5	3513.6	3169.4	2721.6	2161.6	1575.9
22.5°	4412.8	4638.0	4766.6	4843.5	4766.6	4638.0	4412.8	4113.3	3678.3	3113.5	2460.3
20°	5101.7	5297.0	5407.7	5455.2	5407.7	5297.0	5101.7	4839.5	4455.2	3968.9	3301.8
17.5°	5631.8	5795.3	5920.5	5952.8	5920.5	5795.3	5631.8	5391.0	5050.3	4623.1	4042.6
15°	6100.6	6311.8	6459.5	6514.6	6459.5	6311.8	6100.6	5817.3	5511.0	5113.4	4611.1
12.5°	6691.8	7059.0	7254.2	7299.2	7254.2	7059.0	6691.8	6294.7	5884.1	5511.5	5027.8
10°	7565.7	8130.1	8194.0	8106.5	8194.0	8130.1	7565.7	6935.5	6319.9	5834.3	5349.2
7.5°	8838.3	9590.9	9428.2	9157.2	9428.2	9590.9	8838.3	7652.0	6764.0	6115.4	5580.8
5°	9749.0	10793.9	10826.3	10627.4	10826.3	10793.9	9749.0	8428.8	7237.1	6369.4	5765.6
2.5°	10111.6	11187.2	11722.5	11810.3	11722.5	11187.2	10111.6	8746.9	7501.9	6519.6	5886.5
0°	10138.8	11313.9	11948.6	12106.3	11948.6	11313.9	10138.8	8805.4	7546.2	6562.3	5931.7
-2.5°	10111.6	11187.2	11722.5	11810.3	11722.5	11187.2	10111.6	8746.9	7501.9	6519.6	5886.5
-5°	9749.0	10793.9	10826.3	10627.4	10826.3	10793.9	9749.0	8428.8	7237.1	6369.4	5765.6
-7.5°	8838.3	9590.9	9428.2	9157.2	9428.2	9590.9	8838.3	7652.0	6764.0	6115.4	5580.8
-10°	7565.7	8130.1	8194.0	8106.5	8194.0	8130.1	7565.7	6935.5	6319.9	5834.3	5349.2
-12.5°	6691.8	7059.0	7254.2	7299.2	7254.2	7059.0	6691.8	6294.7	5884.1	5511.5	5027.8
-15°	6100.6	6311.8	6459.5	6514.6	6459.5	6311.8	6100.6	5817.3	5511.0	5113.4	4611.1
-17.5°	5631.8	5795.3	5920.5	5952.8	5920.5	5795.3	5631.8	5391.0	5050.3	4623.1	4042.6
-20°	5101.7	5297.0	5407.7	5455.2	5407.7	5297.0	5101.7	4839.5	4455.2	3968.9	3301.8



REPORT NUMBER: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	4412.8	4638.0	4766.6	4843.5	4766.6	4638.0	4412.8	4113.3	3678.3	3113.5	2460.3
-25°	3513.6	3765.5	3914.2	3969.0	3914.2	3765.5	3513.6	3169.4	2721.6	2161.6	1575.9
-27.5°	2412.4	2686.1	2863.8	2849.0	2863.8	2686.1	2412.4	2069.8	1651.5	1335.9	973.7
-30°	1382.1	1533.0	1636.5	1622.2	1636.5	1533.0	1382.1	1207.9	983.4	816.2	675.7
-32.5°	803.5	857.3	889.5	893.5	889.5	857.3	803.5	731.9	638.9	552.5	483.3
-35°	523.9	551.3	567.5	571.0	567.5	551.3	523.9	486.4	440.4	391.4	349.6
-37.5°	352.8	364.8	371.6	377.4	371.6	364.8	352.8	334.3	309.6	278.1	257.3
-40°	248.5	253.3	255.7	257.3	255.7	253.3	248.5	240.2	228.5	212.9	198.2
-42.5°	189.0	191.7	192.9	193.1	192.9	191.7	189.0	184.1	176.7	166.6	155.6
-45°	149.1	150.8	151.7	152.0	151.7	150.8	149.1	145.7	140.6	134.2	127.1
-47.5°	121.8	122.5	122.9	123.2	122.9	122.5	121.8	120.5	118.6	116.3	113.3
-50°	109.5	110.0	110.4	110.9	110.4	110.0	109.5	108.8	108.1	107.2	105.9
-52.5°	103.2	103.1	103.3	103.7	103.3	103.1	103.2	103.1	103.0	102.8	102.5
-55°	100.9	100.4	100.1	100.1	100.1	100.4	100.9	101.5	102.2	102.9	103.7
-57.5°	104.3	103.7	103.3	103.2	103.3	103.7	104.3	104.9	105.7	106.6	107.5
-60°	110.2	110.8	110.9	110.9	110.9	110.8	110.2	109.6	108.9	108.3	107.6
-62.5°	108.0	109.6	110.2	110.4	110.2	109.6	108.0	106.2	104.3	102.5	100.4
-65°	94.9	95.8	96.1	96.0	96.1	95.8	94.9	93.8	92.4	90.6	88.4
-67.5°	79.8	80.2	80.5	80.6	80.5	80.2	79.8	79.2	78.3	77.0	75.2
-70°	66.4	66.9	67.2	67.3	67.2	66.9	66.4	65.7	64.9	63.8	62.5
-72.5°	54.2	54.6	54.6	54.4	54.6	54.6	54.2	53.6	53.0	52.1	51.0
-75°	42.6	42.8	43.0	43.1	43.0	42.8	42.6	42.3	41.9	41.2	40.3
-77.5°	31.6	31.6	31.5	31.3	31.5	31.6	31.6	31.4	31.1	30.6	30.0
-80°	22.6	23.0	22.8	22.6	22.8	23.0	22.6	22.1	21.6	21.1	20.9
-82.5°	14.7	14.8	14.9	14.9	14.9	14.8	14.7	14.6	14.4	14.2	14.0
-85°	8.1	8.2	8.4	8.7	8.4	8.2	8.1	8.0	7.9	7.8	7.7
-87.5°	2.9	3.1	3.1	3.1	3.1	3.1	2.9	2.8	2.7	2.5	2.5
-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: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
85°	7.5	7.3	7.1	6.9	6.6	6.3	6.0	5.8	5.5	5.3	5.0
82.5°	13.7	13.4	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.2	8.6
80°	20.5	20.2	19.7	19.2	18.6	17.9	17.1	16.3	15.4	14.5	13.6
77.5°	29.3	28.6	27.8	26.9	26.0	25.0	24.0	22.9	21.8	20.7	19.4
75°	39.3	38.2	37.0	35.9	34.6	33.3	31.9	30.5	29.0	27.4	25.7
72.5°	49.7	48.3	46.9	45.4	43.9	42.2	40.4	38.5	36.5	34.6	32.5
70°	60.9	59.2	57.4	55.6	53.9	51.9	49.6	46.9	44.2	41.6	39.2
67.5°	73.2	71.1	68.9	66.5	64.2	61.8	59.0	56.1	52.9	49.7	46.4
65°	86.0	83.3	80.8	78.2	75.3	72.2	68.7	65.3	61.9	58.1	54.2
62.5°	98.1	95.6	93.3	90.4	87.1	83.5	79.6	75.5	71.2	66.8	62.5
60°	106.7	105.9	103.6	101.1	98.3	95.2	90.8	86.1	81.2	76.2	70.9
57.5°	108.4	108.7	108.2	107.7	107.0	104.3	100.5	96.5	91.5	85.7	79.7
55°	104.6	105.8	107.2	108.7	109.6	108.4	107.3	104.8	100.3	95.4	88.9
52.5°	102.3	103.4	104.4	105.5	106.9	108.1	109.2	108.0	107.0	102.8	97.4
50°	104.9	104.5	103.9	103.8	104.6	105.3	106.5	108.0	108.6	107.4	104.3
47.5°	111.4	109.4	107.2	106.0	104.6	103.6	104.4	105.5	107.5	109.1	107.6
45°	123.3	118.7	113.8	111.0	107.8	105.8	103.9	104.2	105.5	107.4	109.4
42.5°	146.3	135.3	126.7	120.0	113.8	110.1	106.8	104.8	104.3	105.8	107.5
40°	182.6	164.3	150.4	134.7	124.8	116.6	111.6	107.4	105.3	104.7	105.7
37.5°	232.9	207.7	184.9	161.2	143.2	127.8	118.6	112.3	107.6	105.2	104.5
35°	302.1	265.3	230.4	199.4	169.5	147.6	129.0	118.8	111.9	107.0	104.3
32.5°	406.1	349.3	289.0	247.8	207.3	173.1	147.9	128.3	116.7	110.2	105.8
30°	557.5	464.0	381.0	306.4	253.5	207.5	169.9	143.2	124.4	113.6	107.7
27.5°	775.0	609.3	498.1	392.3	306.4	248.6	200.3	160.3	133.6	119.2	110.6
25°	1162.4	838.2	638.1	498.9	383.6	292.0	233.1	185.0	148.4	125.1	113.3
22.5°	1732.1	1228.8	841.4	616.0	472.5	357.0	270.8	210.7	162.3	133.7	117.9
20°	2554.4	1746.5	1179.0	795.2	575.9	420.7	312.6	239.7	184.1	145.3	122.5
17.5°	3303.9	2471.0	1596.6	1007.5	704.9	507.9	366.8	267.4	202.8	155.7	126.5
15°	3952.2	3098.4	2163.8	1359.8	843.4	588.2	417.3	292.4	220.5	168.1	134.2
12.5°	4412.4	3616.1	2685.4	1664.2	1005.4	678.4	477.0	332.4	239.6	180.3	141.3
10°	4796.2	4022.9	3113.8	2069.7	1237.6	775.5	530.1	366.0	255.8	189.8	146.8
7.5°	5028.3	4323.8	3442.6	2412.0	1428.0	857.0	574.0	391.2	268.8	196.5	150.8
5°	5205.5	4538.5	3681.7	2670.3	1584.6	918.4	608.8	408.0	278.3	200.6	153.5
2.5°	5336.9	4661.8	3832.6	2826.4	1682.5	958.7	632.1	420.0	283.0	204.2	155.7
0°	5356.6	4701.8	3841.7	2854.7	1657.7	977.2	641.4	427.3	283.0	205.9	156.6
-2.5°	5336.9	4661.8	3832.6	2826.4	1682.5	958.7	632.1	420.0	283.0	204.2	155.7
-5°	5205.5	4538.5	3681.7	2670.3	1584.6	918.4	608.8	408.0	278.3	200.6	153.5
-7.5°	5028.3	4323.8	3442.6	2412.0	1428.0	857.0	574.0	391.2	268.8	196.5	150.8
-10°	4796.2	4022.9	3113.8	2069.7	1237.6	775.5	530.1	366.0	255.8	189.8	146.8
-12.5°	4412.4	3616.1	2685.4	1664.2	1005.4	678.4	477.0	332.4	239.6	180.3	141.3
-15°	3952.2	3098.4	2163.8	1359.8	843.4	588.2	417.3	292.4	220.5	168.1	134.2
-17.5°	3303.9	2471.0	1596.6	1007.5	704.9	507.9	366.8	267.4	202.8	155.7	126.5
-20°	2554.4	1746.5	1179.0	795.2	575.9	420.7	312.6	239.7	184.1	145.3	122.5



REPORT NUMBER: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1732.1	1228.8	841.4	616.0	472.5	357.0	270.8	210.7	162.3	133.7	117.9
-25°	1162.4	838.2	638.1	498.9	383.6	292.0	233.1	185.0	148.4	125.1	113.3
-27.5°	775.0	609.3	498.1	392.3	306.4	248.6	200.3	160.3	133.6	119.2	110.6
-30°	557.5	464.0	381.0	306.4	253.5	207.5	169.9	143.2	124.4	113.6	107.7
-32.5°	406.1	349.3	289.0	247.8	207.3	173.1	147.9	128.3	116.7	110.2	105.8
-35°	302.1	265.3	230.4	199.4	169.5	147.6	129.0	118.8	111.9	107.0	104.3
-37.5°	232.9	207.7	184.9	161.2	143.2	127.8	118.6	112.3	107.6	105.2	104.5
-40°	182.6	164.3	150.4	134.7	124.8	116.6	111.6	107.4	105.3	104.7	105.7
-42.5°	146.3	135.3	126.7	120.0	113.8	110.1	106.8	104.8	104.3	105.8	107.5
-45°	123.3	118.7	113.8	111.0	107.8	105.8	103.9	104.2	105.5	107.4	109.4
-47.5°	111.4	109.4	107.2	106.0	104.6	103.6	104.4	105.5	107.5	109.1	107.6
-50°	104.9	104.5	103.9	103.8	104.6	105.3	106.5	108.0	108.6	107.4	104.3
-52.5°	102.3	103.4	104.4	105.5	106.9	108.1	109.2	108.0	107.0	102.8	97.4
-55°	104.6	105.8	107.2	108.7	109.6	108.4	107.3	104.8	100.3	95.4	88.9
-57.5°	108.4	108.7	108.2	107.7	107.0	104.3	100.5	96.5	91.5	85.7	79.7
-60°	106.7	105.9	103.6	101.1	98.3	95.2	90.8	86.1	81.2	76.2	70.9
-62.5°	98.1	95.6	93.3	90.4	87.1	83.5	79.6	75.5	71.2	66.8	62.5
-65°	86.0	83.3	80.8	78.2	75.3	72.2	68.7	65.3	61.9	58.1	54.2
-67.5°	73.2	71.1	68.9	66.5	64.2	61.8	59.0	56.1	52.9	49.7	46.4
-70°	60.9	59.2	57.4	55.6	53.9	51.9	49.6	46.9	44.2	41.6	39.2
-72.5°	49.7	48.3	46.9	45.4	43.9	42.2	40.4	38.5	36.5	34.6	32.5
-75°	39.3	38.2	37.0	35.9	34.6	33.3	31.9	30.5	29.0	27.4	25.7
-77.5°	29.3	28.6	27.8	26.9	26.0	25.0	24.0	22.9	21.8	20.7	19.4
-80°	20.5	20.2	19.7	19.2	18.6	17.9	17.1	16.3	15.4	14.5	13.6
-82.5°	13.7	13.4	13.0	12.6	12.1	11.6	11.0	10.4	9.8	9.2	8.6
-85°	7.5	7.3	7.1	6.9	6.6	6.3	6.0	5.8	5.5	5.3	5.0
-87.5°	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
-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: P558580 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	0.9
85°	4.8	4.5	4.2	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.9
82.5°	8.0	7.6	7.2	6.8	6.2	5.6	5.0	4.5	3.9	3.2	2.8
80°	12.7	11.9	11.0	10.1	9.1	8.2	7.4	6.6	5.8	5.0	4.2
77.5°	18.0	16.6	15.1	13.9	12.6	11.3	10.1	8.8	7.8	6.9	5.8
75°	23.7	21.9	20.1	18.2	16.3	14.4	12.9	11.4	10.0	8.7	7.4
72.5°	30.2	27.8	25.3	22.8	20.5	18.2	16.0	13.9	12.2	10.6	9.0
70°	36.6	33.9	31.0	28.1	25.0	22.0	19.4	16.9	14.5	12.6	10.7
67.5°	43.0	40.0	36.9	33.4	29.9	26.4	22.9	20.0	17.2	14.5	12.3
65°	50.4	46.6	42.7	38.9	35.0	30.9	27.0	23.2	20.0	16.9	13.9
62.5°	58.0	53.4	49.0	44.5	40.1	35.7	31.1	27.0	22.8	19.3	15.9
60°	65.7	60.6	55.4	50.3	45.4	40.4	35.4	30.6	26.1	21.6	17.9
57.5°	73.8	67.9	62.1	56.2	50.6	45.2	39.8	34.4	29.3	24.4	19.9
55°	82.1	75.4	68.8	62.3	55.9	49.8	44.0	38.2	32.5	27.2	21.9
52.5°	90.8	83.1	75.6	68.4	61.4	54.5	48.2	41.8	35.7	29.9	24.3
50°	98.3	90.9	82.5	74.6	66.9	59.5	52.4	45.5	38.8	32.6	26.5
47.5°	104.5	97.5	89.5	80.6	72.3	64.4	56.7	49.2	41.7	35.2	28.7
45°	107.2	103.2	95.6	86.8	77.7	69.3	61.1	52.9	45.0	37.7	30.8
42.5°	108.7	106.2	100.8	92.6	83.2	74.1	65.2	56.6	48.2	40.0	32.9
40°	107.3	107.6	104.9	97.4	88.7	78.7	69.4	60.2	51.3	42.5	34.9
37.5°	105.5	107.3	106.2	102.2	93.7	83.5	73.4	63.7	54.2	45.1	36.8
35°	104.4	105.8	107.6	104.9	97.8	88.1	77.2	67.0	57.1	47.5	38.6
32.5°	103.5	104.5	106.6	106.1	101.7	92.5	81.0	70.2	59.8	49.8	40.4
30°	104.3	103.8	105.4	107.2	104.5	95.8	84.7	73.2	62.4	51.9	42.0
27.5°	105.5	103.0	104.3	106.7	105.4	98.9	88.1	76.0	64.7	53.9	43.8
25°	107.0	103.5	103.6	105.7	106.2	101.7	91.2	78.5	67.0	55.8	45.3
22.5°	109.2	104.3	102.9	104.8	107.0	104.2	93.7	81.1	69.0	57.6	46.7
20°	111.2	105.0	102.3	104.0	106.9	104.9	95.8	83.3	70.9	59.1	48.0
17.5°	113.2	106.1	102.7	103.4	106.1	105.4	97.7	85.3	72.6	60.5	49.1
15°	116.5	107.5	103.2	102.9	105.4	105.9	99.3	87.0	74.0	61.7	50.1
12.5°	119.4	108.7	103.5	102.5	104.8	106.3	100.8	88.5	75.2	62.7	51.0
10°	121.7	109.7	103.8	102.2	104.2	106.7	102.0	89.8	76.3	63.5	51.7
7.5°	123.4	110.4	103.9	101.9	103.7	107.0	103.1	91.1	77.2	64.1	52.2
5°	124.7	111.1	104.3	101.8	103.4	107.2	104.0	92.2	77.9	64.5	52.6
2.5°	125.8	112.2	104.8	101.7	103.3	107.3	104.5	93.0	78.4	64.7	52.8
0°	126.3	113.0	105.3	101.7	103.2	107.3	104.8	93.5	78.6	64.7	52.9
-2.5°	125.8	112.2	104.8	101.7	103.3	107.3	104.5	93.0	78.4	64.7	52.8
-5°	124.7	111.1	104.3	101.8	103.4	107.2	104.0	92.2	77.9	64.5	52.6
-7.5°	123.4	110.4	103.9	101.9	103.7	107.0	103.1	91.1	77.2	64.1	52.2
-10°	121.7	109.7	103.8	102.2	104.2	106.7	102.0	89.8	76.3	63.5	51.7
-12.5°	119.4	108.7	103.5	102.5	104.8	106.3	100.8	88.5	75.2	62.7	51.0
-15°	116.5	107.5	103.2	102.9	105.4	105.9	99.3	87.0	74.0	61.7	50.1
-17.5°	113.2	106.1	102.7	103.4	106.1	105.4	97.7	85.3	72.6	60.5	49.1
-20°	111.2	105.0	102.3	104.0	106.9	104.9	95.8	83.3	70.9	59.1	48.0



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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°	109.2	104.3	102.9	104.8	107.0	104.2	93.7	81.1	69.0	57.6	46.7
-25°	107.0	103.5	103.6	105.7	106.2	101.7	91.2	78.5	67.0	55.8	45.3
-27.5°	105.5	103.0	104.3	106.7	105.4	98.9	88.1	76.0	64.7	53.9	43.8
-30°	104.3	103.8	105.4	107.2	104.5	95.8	84.7	73.2	62.4	51.9	42.0
-32.5°	103.5	104.5	106.6	106.1	101.7	92.5	81.0	70.2	59.8	49.8	40.4
-35°	104.4	105.8	107.6	104.9	97.8	88.1	77.2	67.0	57.1	47.5	38.6
-37.5°	105.5	107.3	106.2	102.2	93.7	83.5	73.4	63.7	54.2	45.1	36.8
-40°	107.3	107.6	104.9	97.4	88.7	78.7	69.4	60.2	51.3	42.5	34.9
-42.5°	108.7	106.2	100.8	92.6	83.2	74.1	65.2	56.6	48.2	40.0	32.9
-45°	107.2	103.2	95.6	86.8	77.7	69.3	61.1	52.9	45.0	37.7	30.8
-47.5°	104.5	97.5	89.5	80.6	72.3	64.4	56.7	49.2	41.7	35.2	28.7
-50°	98.3	90.9	82.5	74.6	66.9	59.5	52.4	45.5	38.8	32.6	26.5
-52.5°	90.8	83.1	75.6	68.4	61.4	54.5	48.2	41.8	35.7	29.9	24.3
-55°	82.1	75.4	68.8	62.3	55.9	49.8	44.0	38.2	32.5	27.2	21.9
-57.5°	73.8	67.9	62.1	56.2	50.6	45.2	39.8	34.4	29.3	24.4	19.9
-60°	65.7	60.6	55.4	50.3	45.4	40.4	35.4	30.6	26.1	21.6	17.9
-62.5°	58.0	53.4	49.0	44.5	40.1	35.7	31.1	27.0	22.8	19.3	15.9
-65°	50.4	46.6	42.7	38.9	35.0	30.9	27.0	23.2	20.0	16.9	13.9
-67.5°	43.0	40.0	36.9	33.4	29.9	26.4	22.9	20.0	17.2	14.5	12.3
-70°	36.6	33.9	31.0	28.1	25.0	22.0	19.4	16.9	14.5	12.6	10.7
-72.5°	30.2	27.8	25.3	22.8	20.5	18.2	16.0	13.9	12.2	10.6	9.0
-75°	23.7	21.9	20.1	18.2	16.3	14.4	12.9	11.4	10.0	8.7	7.4
-77.5°	18.0	16.6	15.1	13.9	12.6	11.3	10.1	8.8	7.8	6.9	5.8
-80°	12.7	11.9	11.0	10.1	9.1	8.2	7.4	6.6	5.8	5.0	4.2
-82.5°	8.0	7.6	7.2	6.8	6.2	5.6	5.0	4.5	3.9	3.2	2.8
-85°	4.8	4.5	4.2	3.8	3.5	3.1	2.9	2.6	2.4	2.1	1.9
-87.5°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.3	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	4.7	3.5	2.7	2.0	1.3	0.7	0.0
75°	6.1	4.7	3.3	2.4	1.6	0.8	0.0
72.5°	7.5	5.8	4.2	2.8	1.9	0.9	0.0
70°	8.8	6.9	5.0	3.2	2.1	1.1	0.0
67.5°	10.2	8.0	5.9	3.9	2.4	1.2	0.0
65°	11.6	9.1	6.7	4.5	2.6	1.3	0.0
62.5°	13.0	10.3	7.5	5.1	2.9	1.4	0.0
60°	14.3	11.5	8.3	5.7	3.1	1.5	0.0
57.5°	16.0	12.6	9.3	6.2	3.5	1.7	0.0
55°	17.7	13.7	10.2	6.8	3.9	1.8	0.0
52.5°	19.4	14.9	11.1	7.3	4.2	1.9	0.0
50°	21.0	16.2	12.0	7.9	4.6	2.0	0.0
47.5°	22.6	17.5	12.8	8.4	4.9	2.1	0.0
45°	24.3	18.7	13.6	9.0	5.3	2.2	0.0
42.5°	26.0	19.9	14.4	9.6	5.6	2.3	0.0
40°	27.6	21.0	15.3	10.2	5.9	2.4	0.0
37.5°	29.1	22.1	16.1	10.7	6.2	2.5	0.0
35°	30.5	23.2	16.9	11.3	6.5	2.5	0.0
32.5°	31.9	24.3	17.7	11.7	6.8	2.6	0.0
30°	33.3	25.4	18.4	12.2	7.0	2.7	0.0
27.5°	34.6	26.3	19.1	12.6	7.3	2.7	0.0
25°	35.7	27.2	19.6	12.9	7.5	2.8	0.0
22.5°	36.8	27.9	20.1	13.2	7.7	2.9	0.0
20°	37.8	28.6	20.6	13.5	7.9	2.9	0.0
17.5°	38.7	29.1	21.0	13.8	8.0	3.0	0.0
15°	39.4	29.6	21.3	14.0	8.2	3.0	0.0
12.5°	40.1	30.0	21.6	14.1	8.3	3.0	0.0
10°	40.6	30.3	21.8	14.3	8.4	3.1	0.0
7.5°	41.0	30.6	22.0	14.3	8.5	3.1	0.0
5°	41.4	30.7	22.1	14.4	8.6	3.1	0.0
2.5°	41.5	30.8	22.1	14.4	8.7	3.1	0.0
0°	41.6	30.8	22.1	14.4	8.7	3.1	0.0
-2.5°	41.5	30.8	22.1	14.4	8.7	3.1	0.0
-5°	41.4	30.7	22.1	14.4	8.6	3.1	0.0
-7.5°	41.0	30.6	22.0	14.3	8.5	3.1	0.0
-10°	40.6	30.3	21.8	14.3	8.4	3.1	0.0
-12.5°	40.1	30.0	21.6	14.1	8.3	3.0	0.0
-15°	39.4	29.6	21.3	14.0	8.2	3.0	0.0
-17.5°	38.7	29.1	21.0	13.8	8.0	3.0	0.0
-20°	37.8	28.6	20.6	13.5	7.9	2.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.8	27.9	20.1	13.2	7.7	2.9	0.0
-25°	35.7	27.2	19.6	12.9	7.5	2.8	0.0
-27.5°	34.6	26.3	19.1	12.6	7.3	2.7	0.0
-30°	33.3	25.4	18.4	12.2	7.0	2.7	0.0
-32.5°	31.9	24.3	17.7	11.7	6.8	2.6	0.0
-35°	30.5	23.2	16.9	11.3	6.5	2.5	0.0
-37.5°	29.1	22.1	16.1	10.7	6.2	2.5	0.0
-40°	27.6	21.0	15.3	10.2	5.9	2.4	0.0
-42.5°	26.0	19.9	14.4	9.6	5.6	2.3	0.0
-45°	24.3	18.7	13.6	9.0	5.3	2.2	0.0
-47.5°	22.6	17.5	12.8	8.4	4.9	2.1	0.0
-50°	21.0	16.2	12.0	7.9	4.6	2.0	0.0
-52.5°	19.4	14.9	11.1	7.3	4.2	1.9	0.0
-55°	17.7	13.7	10.2	6.8	3.9	1.8	0.0
-57.5°	16.0	12.6	9.3	6.2	3.5	1.7	0.0
-60°	14.3	11.5	8.3	5.7	3.1	1.5	0.0
-62.5°	13.0	10.3	7.5	5.1	2.9	1.4	0.0
-65°	11.6	9.1	6.7	4.5	2.6	1.3	0.0
-67.5°	10.2	8.0	5.9	3.9	2.4	1.2	0.0
-70°	8.8	6.9	5.0	3.2	2.1	1.1	0.0
-72.5°	7.5	5.8	4.2	2.8	1.9	0.9	0.0
-75°	6.1	4.7	3.3	2.4	1.6	0.8	0.0
-77.5°	4.7	3.5	2.7	2.0	1.3	0.7	0.0
-80°	3.3	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)