

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: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1E-935-U-TSB-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

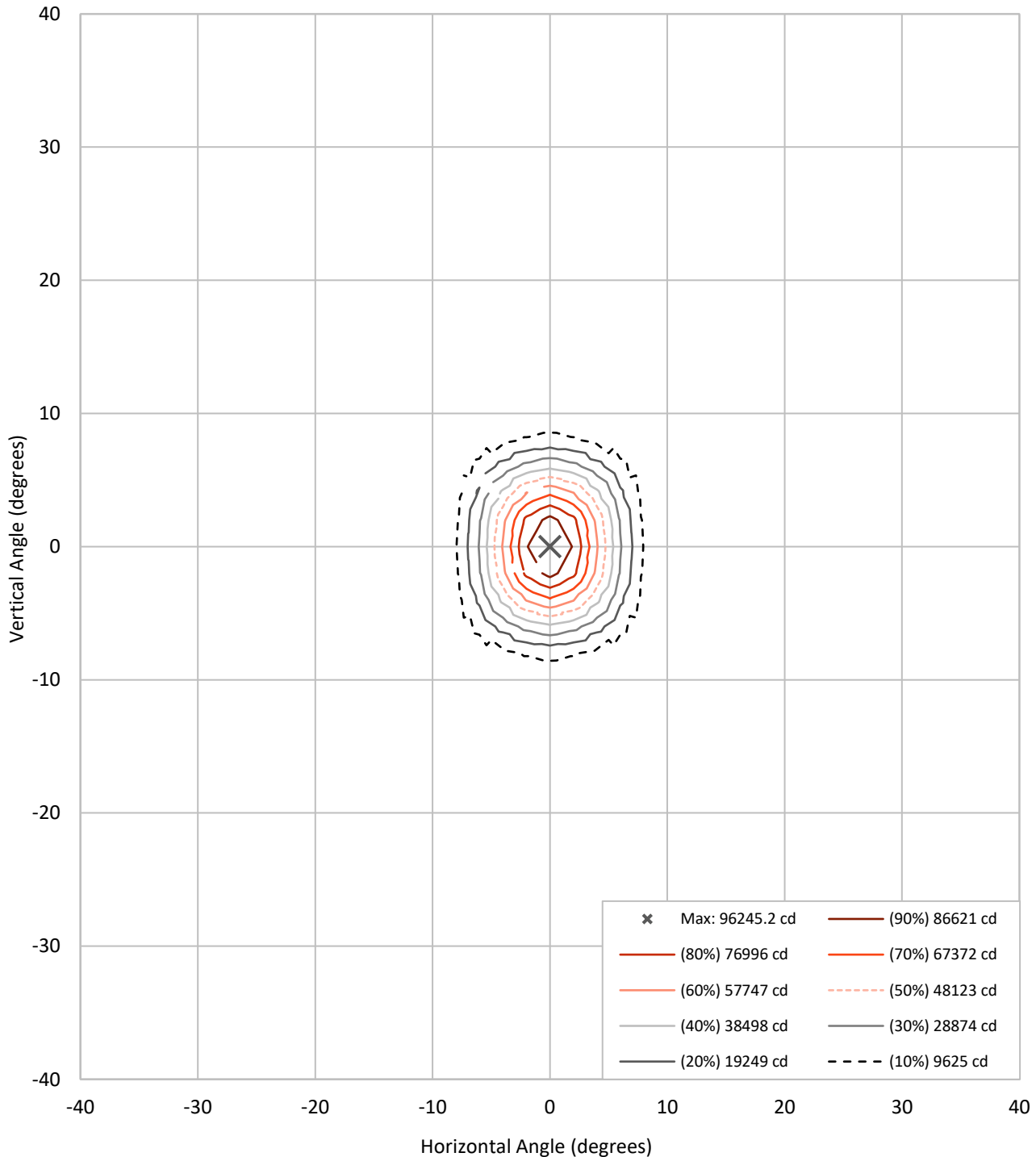
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3748 lumens	Max Intensity:	96245.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1606.5 lumens	Field Lumens:	2768.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 64  
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





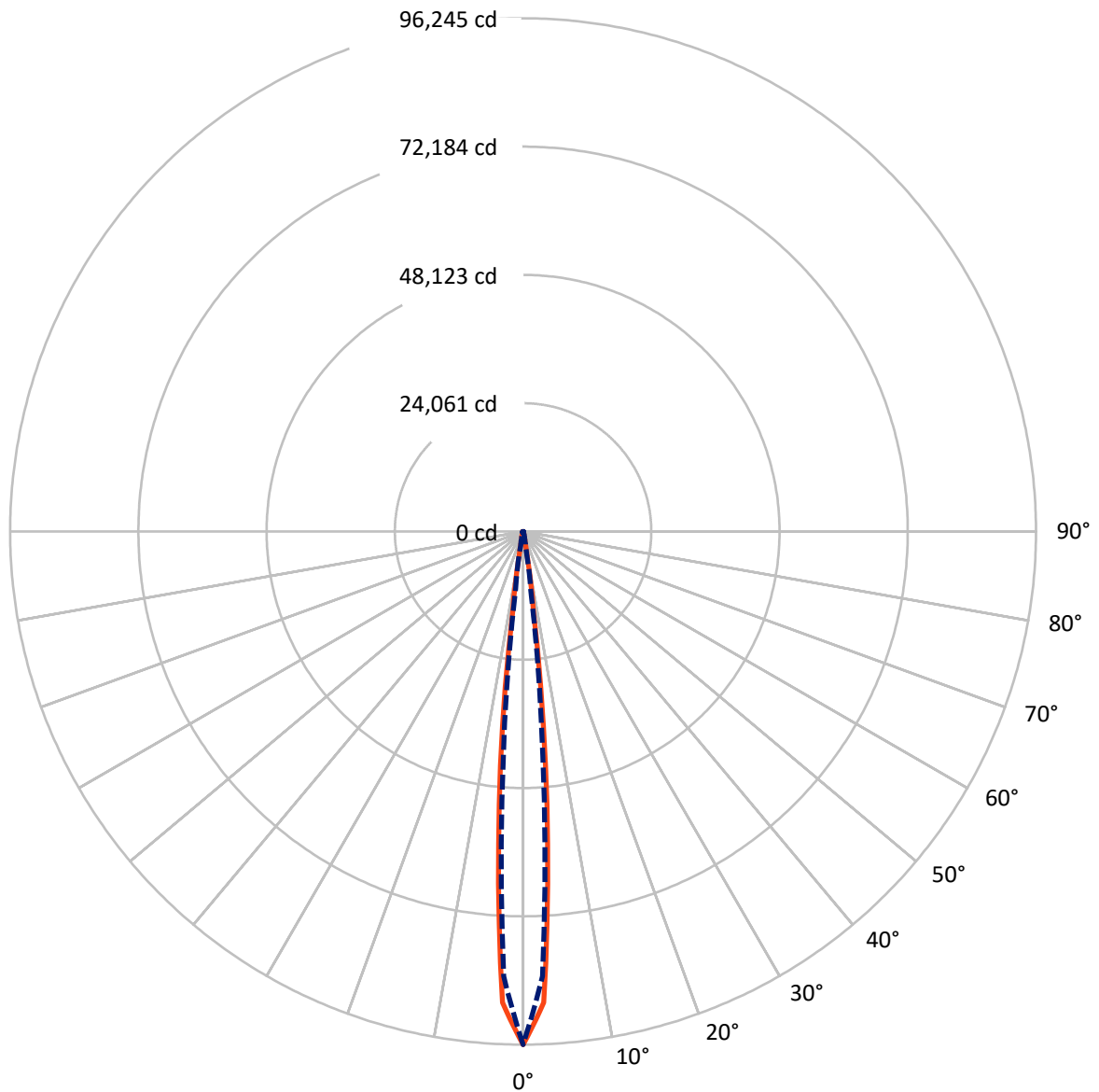
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### Lumen Table

90																			
80	0.0	0.1		0.4		0.9		1.5		0.9		0.4		0.1		0.0			
70																			
60	0.1	0.1	0.2	0.4	0.6	0.8	1.3	2.3	2.3	1.3	0.8	0.6	0.4	0.2	0.1	0.1			
50		0.1	0.4	0.8	1.2	1.7	2.2	3.0	3.0	2.2	1.7	1.2	0.8	0.4	0.1				
40	0.2	0.3	0.6	1.2	2.1	3.2	4.1	4.9	4.9	4.1	3.2	2.1	1.2	0.6	0.3	0.2			
30		0.4	0.8	1.8	3.3	4.4	5.0	5.3	5.3	5.0	4.4	3.3	1.8	0.8	0.4				
20	0.4	0.6	1.2	2.6	4.0	4.8	6.6	8.6	8.6	6.6	4.8	4.0	2.6	1.2	0.6	0.4			
10		0.8	1.6	3.3	4.5	6.4	12.9	25.7	25.7	12.9	6.4	4.5	3.3	1.6	0.8				
0	0.4	0.9	1.9	3.6	4.6	8.1	25.5	753.0	753.0	25.5	8.1	4.6	3.6	1.9	0.9	0.4			
-10		0.9	1.9	3.6	4.6	8.1	25.5	753.0	753.0	25.5	8.1	4.6	3.6	1.9	0.9				
-20	0.4	0.8	1.6	3.3	4.5	6.4	12.9	25.7	25.7	12.9	6.4	4.5	3.3	1.6	0.8	0.4			
-30		0.6	1.2	2.6	4.0	4.8	6.6	8.6	8.6	6.6	4.8	4.0	2.6	1.2	0.6				
-40	0.2	0.4	0.8	1.8	3.3	4.4	5.0	5.3	5.3	5.0	4.4	3.3	1.8	0.8	0.4	0.2			
-50		0.3	0.6	1.2	2.1	3.2	4.1	4.9	4.9	4.1	3.2	2.1	1.2	0.6	0.3				
-60	0.1	0.1	0.4	0.8	1.2	1.7	2.2	3.0	3.0	2.2	1.7	1.2	0.8	0.4	0.1	0.1			
-70		0.1	0.2	0.4	0.6	0.8	1.3	2.3	2.3	1.3	0.8	0.6	0.4	0.2	0.1				
-80																			
-90	0.0	0.1		0.4		0.9		1.5		0.9		0.4		0.1		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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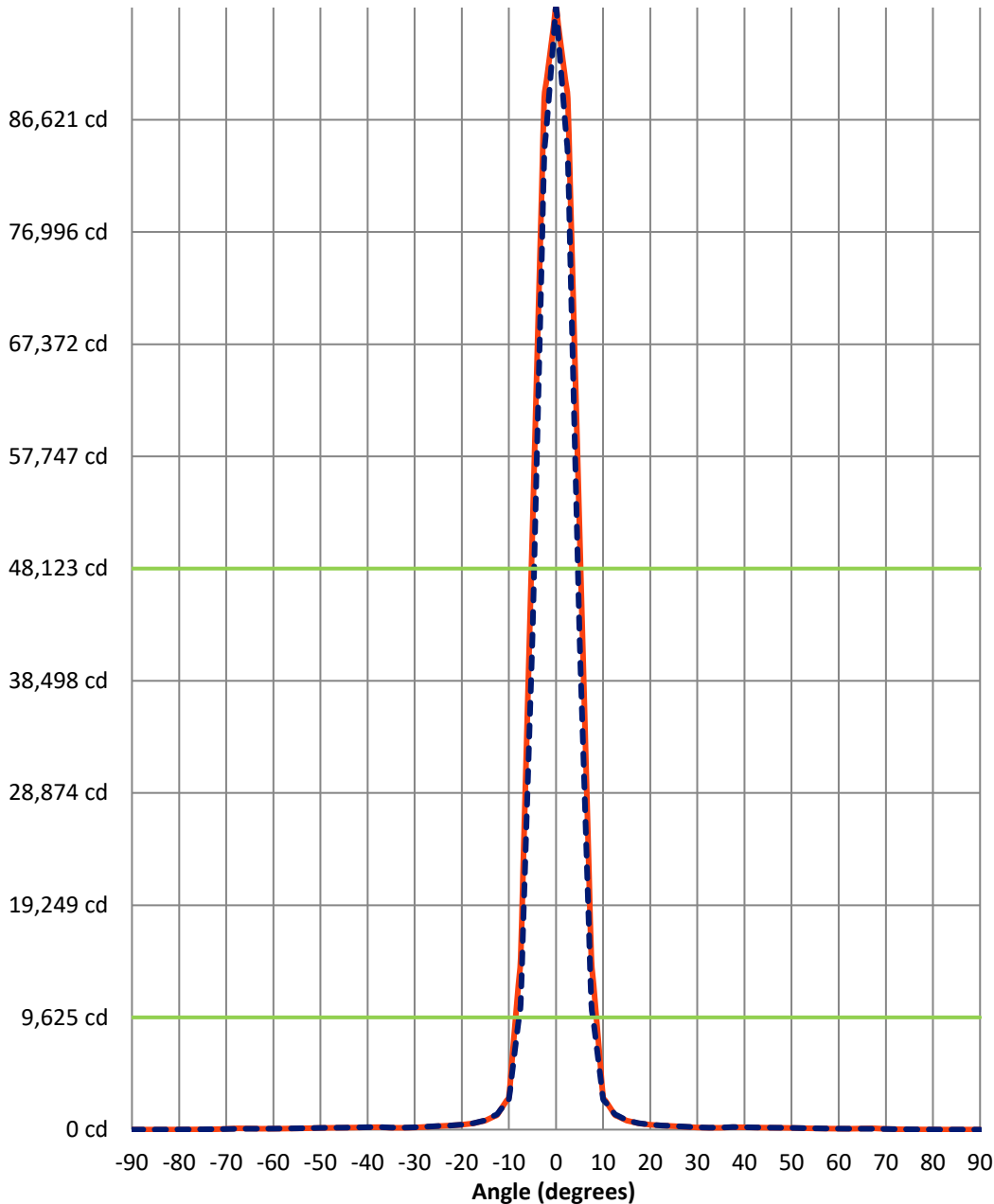
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 1606.5  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 2768.7  
Efficiency: 73.9%

**Spill:**  
Lumens: 979.3  
Efficiency: 26.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.4	1.7
72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	1.9	2.2
70°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.7	2.1	2.4	3.0
67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.6	2.1	2.5	3.3	3.9
65°	0.0	0.5	0.9	1.1	1.1	1.3	2.0	2.5	3.4	4.2	5.0
62.5°	0.0	0.5	1.0	1.1	1.1	1.6	2.4	3.2	4.2	5.2	6.5
60°	0.0	0.5	1.1	1.1	1.1	2.0	2.8	4.0	5.1	6.6	7.9
57.5°	0.0	0.6	1.1	1.1	1.4	2.4	3.5	4.7	6.3	8.0	9.6
55°	0.0	0.6	1.1	1.1	1.7	2.7	4.2	5.6	7.5	9.4	11.3
52.5°	0.0	0.7	1.1	1.1	2.0	3.1	5.0	6.8	8.8	11.1	13.1
50°	0.0	0.7	1.1	1.1	2.2	3.8	5.8	8.1	10.2	12.8	15.3
47.5°	0.0	0.7	1.1	1.2	2.5	4.5	6.7	9.5	11.8	14.5	17.6
45°	0.0	0.8	1.2	1.4	2.8	5.2	7.9	10.9	13.6	16.7	20.0
42.5°	0.0	0.8	1.2	1.6	3.1	5.9	9.2	12.5	15.5	18.9	22.8
40°	0.0	0.8	1.2	1.8	3.5	6.6	10.4	14.2	17.7	21.2	25.8
37.5°	0.0	0.9	1.2	1.9	4.0	7.3	11.7	16.0	20.1	24.2	28.9
35°	0.0	0.9	1.2	2.1	4.5	8.2	13.0	17.9	22.6	27.6	31.9
32.5°	0.0	0.9	1.3	2.2	5.0	9.2	14.3	19.7	25.1	31.1	35.7
30°	0.0	1.0	1.3	2.4	5.5	10.2	15.8	21.6	27.6	34.8	39.9
27.5°	0.0	1.0	1.3	2.5	5.9	11.1	17.3	23.7	30.4	38.5	44.6
25°	0.0	1.0	1.3	2.6	6.1	12.1	18.7	25.7	33.5	42.4	49.6
22.5°	0.0	1.0	1.4	2.6	6.3	12.8	20.2	27.8	36.5	46.5	53.9
20°	0.0	1.0	1.4	2.7	6.4	13.1	21.6	29.7	39.6	50.8	58.1
17.5°	0.0	1.0	1.4	2.7	6.5	13.3	22.3	31.6	42.6	55.1	62.2
15°	0.0	1.1	1.4	2.8	6.6	13.3	22.5	33.0	45.5	59.6	66.3
12.5°	0.0	1.1	1.5	2.8	6.6	13.3	22.7	33.7	47.4	64.0	70.2
10°	0.0	1.1	1.5	2.8	6.5	13.2	22.8	34.3	48.4	65.7	73.0
7.5°	0.0	1.1	1.5	2.8	6.5	13.0	22.7	34.8	49.1	66.7	73.5
5°	0.0	1.1	1.6	2.8	6.3	12.7	22.6	35.3	49.6	67.5	74.0
2.5°	0.0	1.1	1.6	2.7	6.2	12.4	22.3	35.5	49.8	67.8	74.3
0°	0.0	1.1	1.6	2.7	6.0	12.0	21.9	35.6	49.8	67.9	74.5
-2.5°	0.0	1.1	1.6	2.7	6.2	12.4	22.3	35.5	49.8	67.8	74.3
-5°	0.0	1.1	1.6	2.8	6.3	12.7	22.6	35.3	49.6	67.5	74.0
-7.5°	0.0	1.1	1.5	2.8	6.5	13.0	22.7	34.8	49.1	66.7	73.5
-10°	0.0	1.1	1.5	2.8	6.5	13.2	22.8	34.3	48.4	65.7	73.0
-12.5°	0.0	1.1	1.5	2.8	6.6	13.3	22.7	33.7	47.4	64.0	70.2
-15°	0.0	1.1	1.4	2.8	6.6	13.3	22.5	33.0	45.5	59.6	66.3
-17.5°	0.0	1.0	1.4	2.7	6.5	13.3	22.3	31.6	42.6	55.1	62.2
-20°	0.0	1.0	1.4	2.7	6.4	13.1	21.6	29.7	39.6	50.8	58.1



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 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.0	1.4	2.6	6.3	12.8	20.2	27.8	36.5	46.5	53.9
-25°	0.0	1.0	1.3	2.6	6.1	12.1	18.7	25.7	33.5	42.4	49.6
-27.5°	0.0	1.0	1.3	2.5	5.9	11.1	17.3	23.7	30.4	38.5	44.6
-30°	0.0	1.0	1.3	2.4	5.5	10.2	15.8	21.6	27.6	34.8	39.9
-32.5°	0.0	0.9	1.3	2.2	5.0	9.2	14.3	19.7	25.1	31.1	35.7
-35°	0.0	0.9	1.2	2.1	4.5	8.2	13.0	17.9	22.6	27.6	31.9
-37.5°	0.0	0.9	1.2	1.9	4.0	7.3	11.7	16.0	20.1	24.2	28.9
-40°	0.0	0.8	1.2	1.8	3.5	6.6	10.4	14.2	17.7	21.2	25.8
-42.5°	0.0	0.8	1.2	1.6	3.1	5.9	9.2	12.5	15.5	18.9	22.8
-45°	0.0	0.8	1.2	1.4	2.8	5.2	7.9	10.9	13.6	16.7	20.0
-47.5°	0.0	0.7	1.1	1.2	2.5	4.5	6.7	9.5	11.8	14.5	17.6
-50°	0.0	0.7	1.1	1.1	2.2	3.8	5.8	8.1	10.2	12.8	15.3
-52.5°	0.0	0.7	1.1	1.1	2.0	3.1	5.0	6.8	8.8	11.1	13.1
-55°	0.0	0.6	1.1	1.1	1.7	2.7	4.2	5.6	7.5	9.4	11.3
-57.5°	0.0	0.6	1.1	1.1	1.4	2.4	3.5	4.7	6.3	8.0	9.6
-60°	0.0	0.5	1.1	1.1	1.1	2.0	2.8	4.0	5.1	6.6	7.9
-62.5°	0.0	0.5	1.0	1.1	1.1	1.6	2.4	3.2	4.2	5.2	6.5
-65°	0.0	0.5	0.9	1.1	1.1	1.3	2.0	2.5	3.4	4.2	5.0
-67.5°	0.0	0.4	0.8	1.1	1.1	1.1	1.6	2.1	2.5	3.3	3.9
-70°	0.0	0.4	0.8	1.1	1.1	1.1	1.2	1.7	2.1	2.4	3.0
-72.5°	0.0	0.3	0.7	1.0	1.1	1.1	1.1	1.2	1.6	1.9	2.2
-75°	0.0	0.3	0.6	0.9	1.1	1.1	1.1	1.1	1.1	1.4	1.7
-77.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.1	1.1	1.1	1.1	1.2
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.1	1.1	1.1	1.1	1.1
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.1	1.1
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
82.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5
80°	1.1	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.6
77.5°	1.4	1.6	1.8	2.0	2.3	2.7	3.1	3.4	3.7	4.2	4.6
75°	1.9	2.2	2.7	3.3	3.8	4.3	4.7	5.3	6.0	6.8	7.6
72.5°	2.6	3.3	4.0	4.8	5.7	6.5	7.2	7.9	9.1	10.4	11.4
70°	3.6	4.4	5.6	6.8	8.0	9.0	10.5	12.3	14.1	15.0	15.5
67.5°	4.7	6.0	7.4	8.9	10.5	12.2	14.2	16.2	18.0	18.8	19.5
65°	6.1	7.6	9.3	11.1	12.9	15.0	17.1	19.3	21.2	22.2	23.3
62.5°	7.5	9.3	11.2	13.2	15.3	17.5	20.1	22.3	23.9	25.9	28.2
60°	9.2	10.9	13.1	15.4	17.8	20.9	23.5	25.9	28.1	30.4	33.9
57.5°	11.0	12.7	15.2	17.8	21.1	24.7	27.6	30.2	33.3	36.5	40.0
55°	12.9	14.5	17.3	20.6	24.4	28.6	32.0	35.6	39.1	42.0	45.1
52.5°	15.2	16.6	19.5	23.3	27.7	32.4	37.0	40.7	44.0	47.2	50.7
50°	17.5	19.3	21.7	26.3	31.2	36.5	41.7	45.4	49.1	52.8	56.8
47.5°	20.3	22.2	24.2	29.2	34.7	40.2	45.6	50.3	54.5	59.4	64.0
45°	23.2	25.6	27.7	32.3	38.0	43.6	49.5	55.3	61.1	66.9	74.2
42.5°	26.4	28.9	31.7	35.2	40.9	47.1	53.5	61.1	68.4	76.5	86.0
40°	29.4	32.3	35.5	38.7	43.8	50.7	58.4	67.0	77.4	87.9	99.3
37.5°	32.4	35.7	39.2	42.6	47.0	54.7	63.3	74.2	86.7	100.0	114.6
35°	35.4	39.0	42.5	46.5	51.5	59.0	69.6	82.0	97.0	113.7	127.0
32.5°	38.3	42.1	45.8	50.5	56.7	64.4	75.7	91.3	108.5	125.5	134.5
30°	41.8	44.9	48.9	54.3	61.7	71.5	83.8	100.6	120.2	131.8	140.2
27.5°	46.6	47.7	52.2	58.5	66.9	78.6	93.8	111.3	127.5	137.7	145.2
25°	51.3	52.5	55.3	62.8	73.2	86.9	104.0	123.9	133.5	142.2	150.8
22.5°	55.8	57.1	60.6	66.8	79.2	95.3	115.2	132.6	141.8	147.4	156.7
20°	60.1	62.0	66.4	73.5	85.4	103.3	126.1	140.8	149.5	156.1	164.7
17.5°	64.2	66.8	72.2	80.8	94.1	112.3	136.0	148.8	157.4	163.8	174.4
15°	68.2	71.5	77.8	87.7	102.2	122.0	142.6	155.5	164.7	171.0	183.4
12.5°	72.0	76.1	83.1	94.1	109.5	130.4	148.2	159.8	169.0	178.5	191.3
10°	75.7	80.5	88.2	100.0	116.0	137.7	152.9	163.2	172.4	184.6	197.9
7.5°	76.3	82.7	92.3	105.4	121.8	143.8	156.8	165.9	175.9	190.1	203.9
5°	76.3	82.5	92.6	106.8	124.6	147.4	159.5	167.9	179.2	195.0	209.2
2.5°	76.2	82.2	92.7	107.3	125.3	147.8	159.9	168.4	181.1	199.8	214.1
0°	76.1	81.6	92.5	107.3	125.4	147.3	159.9	168.6	182.3	204.2	218.5
-2.5°	76.2	82.2	92.7	107.3	125.3	147.8	159.9	168.4	181.1	199.8	214.1
-5°	76.3	82.5	92.6	106.8	124.6	147.4	159.5	167.9	179.2	195.0	209.2
-7.5°	76.3	82.7	92.3	105.4	121.8	143.8	156.8	165.9	175.9	190.1	203.9
-10°	75.7	80.5	88.2	100.0	116.0	137.7	152.9	163.2	172.4	184.6	197.9
-12.5°	72.0	76.1	83.1	94.1	109.5	130.4	148.2	159.8	169.0	178.5	191.3
-15°	68.2	71.5	77.8	87.7	102.2	122.0	142.6	155.5	164.7	171.0	183.4
-17.5°	64.2	66.8	72.2	80.8	94.1	112.3	136.0	148.8	157.4	163.8	174.4
-20°	60.1	62.0	66.4	73.5	85.4	103.3	126.1	140.8	149.5	156.1	164.7



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	55.8	57.1	60.6	66.8	79.2	95.3	115.2	132.6	141.8	147.4	156.7
-25°	51.3	52.5	55.3	62.8	73.2	86.9	104.0	123.9	133.5	142.2	150.8
-27.5°	46.6	47.7	52.2	58.5	66.9	78.6	93.8	111.3	127.5	137.7	145.2
-30°	41.8	44.9	48.9	54.3	61.7	71.5	83.8	100.6	120.2	131.8	140.2
-32.5°	38.3	42.1	45.8	50.5	56.7	64.4	75.7	91.3	108.5	125.5	134.5
-35°	35.4	39.0	42.5	46.5	51.5	59.0	69.6	82.0	97.0	113.7	127.0
-37.5°	32.4	35.7	39.2	42.6	47.0	54.7	63.3	74.2	86.7	100.0	114.6
-40°	29.4	32.3	35.5	38.7	43.8	50.7	58.4	67.0	77.4	87.9	99.3
-42.5°	26.4	28.9	31.7	35.2	40.9	47.1	53.5	61.1	68.4	76.5	86.0
-45°	23.2	25.6	27.7	32.3	38.0	43.6	49.5	55.3	61.1	66.9	74.2
-47.5°	20.3	22.2	24.2	29.2	34.7	40.2	45.6	50.3	54.5	59.4	64.0
-50°	17.5	19.3	21.7	26.3	31.2	36.5	41.7	45.4	49.1	52.8	56.8
-52.5°	15.2	16.6	19.5	23.3	27.7	32.4	37.0	40.7	44.0	47.2	50.7
-55°	12.9	14.5	17.3	20.6	24.4	28.6	32.0	35.6	39.1	42.0	45.1
-57.5°	11.0	12.7	15.2	17.8	21.1	24.7	27.6	30.2	33.3	36.5	40.0
-60°	9.2	10.9	13.1	15.4	17.8	20.9	23.5	25.9	28.1	30.4	33.9
-62.5°	7.5	9.3	11.2	13.2	15.3	17.5	20.1	22.3	23.9	25.9	28.2
-65°	6.1	7.6	9.3	11.1	12.9	15.0	17.1	19.3	21.2	22.2	23.3
-67.5°	4.7	6.0	7.4	8.9	10.5	12.2	14.2	16.2	18.0	18.8	19.5
-70°	3.6	4.4	5.6	6.8	8.0	9.0	10.5	12.3	14.1	15.0	15.5
-72.5°	2.6	3.3	4.0	4.8	5.7	6.5	7.2	7.9	9.1	10.4	11.4
-75°	1.9	2.2	2.7	3.3	3.8	4.3	4.7	5.3	6.0	6.8	7.6
-77.5°	1.4	1.6	1.8	2.0	2.3	2.7	3.1	3.4	3.7	4.2	4.6
-80°	1.1	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.1	2.3	2.6
-82.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.5
-85°	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.9
-87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
82.5°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1
80°	2.9	3.2	3.3	3.5	3.6	4.0	4.4	4.9	5.4	5.6	5.8
77.5°	5.2	5.6	5.8	6.0	6.2	7.0	8.1	9.3	10.4	11.1	11.6
75°	8.3	8.8	9.1	9.3	9.4	10.7	12.7	14.7	16.8	17.9	18.7
72.5°	12.0	12.4	12.7	12.9	13.1	15.1	18.6	22.4	26.4	28.9	30.7
70°	16.0	16.5	16.8	17.1	17.3	19.6	24.7	30.1	35.6	41.1	46.9
67.5°	20.3	21.2	21.6	21.9	22.2	24.2	29.6	34.6	39.2	49.2	64.9
65°	24.9	27.0	27.9	28.4	28.6	29.5	34.1	38.2	42.0	49.8	61.7
62.5°	30.8	33.5	34.8	35.4	35.7	35.7	39.5	43.1	46.3	51.1	58.7
60°	37.1	40.1	41.7	42.1	42.4	42.5	45.5	49.0	52.2	56.1	63.2
57.5°	42.9	45.7	48.0	49.0	49.7	50.2	52.9	56.9	60.7	64.7	72.3
55°	48.4	51.8	55.1	56.9	58.5	60.0	62.6	67.8	72.7	77.3	85.2
52.5°	54.5	58.8	63.2	66.4	69.6	72.4	75.3	81.9	88.4	94.6	102.3
50°	61.7	67.1	73.4	78.7	83.3	87.8	91.8	99.7	108.6	117.0	125.0
47.5°	70.9	78.0	86.1	93.7	99.8	106.8	113.1	121.2	129.0	136.8	143.5
45°	82.1	92.0	101.3	111.3	120.1	124.7	128.4	133.4	141.5	149.1	155.4
42.5°	96.5	107.9	119.4	126.8	132.5	136.3	138.9	141.6	150.0	157.4	163.5
40°	112.4	123.9	131.0	137.1	141.1	144.4	148.6	152.7	159.3	166.9	173.7
37.5°	126.3	133.7	139.9	144.7	149.4	153.9	159.9	165.8	172.1	180.6	186.9
35°	134.8	141.3	147.6	153.6	159.7	166.6	174.1	182.8	190.5	183.5	173.3
32.5°	141.3	148.0	155.6	164.9	173.3	182.6	192.0	176.9	161.4	155.3	156.6
30°	147.0	154.8	165.2	177.4	189.0	184.8	164.1	156.9	159.1	163.4	171.5
27.5°	153.1	162.7	175.5	190.4	181.2	158.3	159.5	163.7	177.9	190.0	208.3
25°	160.3	171.9	187.8	180.8	159.8	162.0	172.6	188.6	215.6	240.8	262.9
22.5°	168.9	183.8	185.9	159.9	162.7	176.6	198.1	232.8	265.6	296.0	318.8
20°	177.7	194.8	168.5	163.0	175.2	200.0	239.9	279.8	316.3	343.6	366.3
17.5°	188.2	182.2	163.6	169.4	194.0	236.8	281.8	324.0	358.5	405.6	445.7
15°	197.4	170.0	166.5	185.8	222.9	271.0	320.0	357.8	420.3	487.7	556.0
12.5°	192.1	165.7	171.9	200.4	249.1	301.2	344.5	404.5	487.0	585.6	733.6
10°	184.3	168.1	183.3	220.7	271.7	322.4	367.3	445.9	554.9	735.9	969.0
7.5°	178.3	169.1	190.9	236.2	288.4	335.1	395.0	490.4	642.3	890.6	1386.9
5°	173.7	169.1	194.3	245.2	298.3	344.0	412.1	522.8	727.9	1081.7	1929.9
2.5°	171.7	168.2	195.3	250.0	303.2	348.9	422.8	546.0	782.0	1259.2	2537.8
0°	173.0	166.4	194.9	251.9	306.1	348.2	424.3	553.0	798.3	1324.8	2619.3
-2.5°	171.7	168.2	195.3	250.0	303.2	348.9	422.8	546.0	782.0	1259.2	2537.8
-5°	173.7	169.1	194.3	245.2	298.3	344.0	412.1	522.8	727.9	1081.7	1929.9
-7.5°	178.3	169.1	190.9	236.2	288.4	335.1	395.0	490.4	642.3	890.6	1386.9
-10°	184.3	168.1	183.3	220.7	271.7	322.4	367.3	445.9	554.9	735.9	969.0
-12.5°	192.1	165.7	171.9	200.4	249.1	301.2	344.5	404.5	487.0	585.6	733.6
-15°	197.4	170.0	166.5	185.8	222.9	271.0	320.0	357.8	420.3	487.7	556.0
-17.5°	188.2	182.2	163.6	169.4	194.0	236.8	281.8	324.0	358.5	405.6	445.7
-20°	177.7	194.8	168.5	163.0	175.2	200.0	239.9	279.8	316.3	343.6	366.3



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	168.9	183.8	185.9	159.9	162.7	176.6	198.1	232.8	265.6	296.0	318.8
-25°	160.3	171.9	187.8	180.8	159.8	162.0	172.6	188.6	215.6	240.8	262.9
-27.5°	153.1	162.7	175.5	190.4	181.2	158.3	159.5	163.7	177.9	190.0	208.3
-30°	147.0	154.8	165.2	177.4	189.0	184.8	164.1	156.9	159.1	163.4	171.5
-32.5°	141.3	148.0	155.6	164.9	173.3	182.6	192.0	176.9	161.4	155.3	156.6
-35°	134.8	141.3	147.6	153.6	159.7	166.6	174.1	182.8	190.5	183.5	173.3
-37.5°	126.3	133.7	139.9	144.7	149.4	153.9	159.9	165.8	172.1	180.6	186.9
-40°	112.4	123.9	131.0	137.1	141.1	144.4	148.6	152.7	159.3	166.9	173.7
-42.5°	96.5	107.9	119.4	126.8	132.5	136.3	138.9	141.6	150.0	157.4	163.5
-45°	82.1	92.0	101.3	111.3	120.1	124.7	128.4	133.4	141.5	149.1	155.4
-47.5°	70.9	78.0	86.1	93.7	99.8	106.8	113.1	121.2	129.0	136.8	143.5
-50°	61.7	67.1	73.4	78.7	83.3	87.8	91.8	99.7	108.6	117.0	125.0
-52.5°	54.5	58.8	63.2	66.4	69.6	72.4	75.3	81.9	88.4	94.6	102.3
-55°	48.4	51.8	55.1	56.9	58.5	60.0	62.6	67.8	72.7	77.3	85.2
-57.5°	42.9	45.7	48.0	49.0	49.7	50.2	52.9	56.9	60.7	64.7	72.3
-60°	37.1	40.1	41.7	42.1	42.4	42.5	45.5	49.0	52.2	56.1	63.2
-62.5°	30.8	33.5	34.8	35.4	35.7	35.7	39.5	43.1	46.3	51.1	58.7
-65°	24.9	27.0	27.9	28.4	28.6	29.5	34.1	38.2	42.0	49.8	61.7
-67.5°	20.3	21.2	21.6	21.9	22.2	24.2	29.6	34.6	39.2	49.2	64.9
-70°	16.0	16.5	16.8	17.1	17.3	19.6	24.7	30.1	35.6	41.1	46.9
-72.5°	12.0	12.4	12.7	12.9	13.1	15.1	18.6	22.4	26.4	28.9	30.7
-75°	8.3	8.8	9.1	9.3	9.4	10.7	12.7	14.7	16.8	17.9	18.7
-77.5°	5.2	5.6	5.8	6.0	6.2	7.0	8.1	9.3	10.4	11.1	11.6
-80°	2.9	3.2	3.3	3.5	3.6	4.0	4.4	4.9	5.4	5.6	5.8
-82.5°	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1
-85°	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	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



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
80°	5.9	5.9	5.7	5.5	5.7	5.9	5.9	5.8	5.6	5.4	4.9
77.5°	12.0	12.5	12.0	11.5	12.0	12.5	12.0	11.6	11.1	10.4	9.3
75°	19.4	20.1	19.7	19.2	19.7	20.1	19.4	18.7	17.9	16.8	14.7
72.5°	32.4	34.0	33.6	32.9	33.6	34.0	32.4	30.7	28.9	26.4	22.4
70°	53.1	59.3	59.1	57.5	59.1	59.3	53.1	46.9	41.1	35.6	30.1
67.5°	81.8	99.5	105.1	107.9	105.1	99.5	81.8	64.9	49.2	39.2	34.6
65°	72.9	83.6	87.8	90.9	87.8	83.6	72.9	61.7	49.8	42.0	38.2
62.5°	65.5	71.8	73.2	73.4	73.2	71.8	65.5	58.7	51.1	46.3	43.1
60°	70.1	76.8	77.9	76.7	77.9	76.8	70.1	63.2	56.1	52.2	49.0
57.5°	79.6	86.7	88.0	86.5	88.0	86.7	79.6	72.3	64.7	60.7	56.9
55°	92.8	99.9	102.3	101.8	102.3	99.9	92.8	85.2	77.3	72.7	67.8
52.5°	109.6	116.2	118.9	118.8	118.9	116.2	109.6	102.3	94.6	88.4	81.9
50°	132.1	138.0	140.9	141.3	140.9	138.0	132.1	125.0	117.0	108.6	99.7
47.5°	148.3	152.1	154.1	154.4	154.1	152.1	148.3	143.5	136.8	129.0	121.2
45°	158.2	160.3	161.8	163.2	161.8	160.3	158.2	155.4	149.1	141.5	133.4
42.5°	167.5	171.8	175.0	175.8	175.0	171.8	167.5	163.5	157.4	150.0	141.6
40°	180.0	186.0	191.7	197.7	191.7	186.0	180.0	173.7	166.9	159.3	152.7
37.5°	193.4	200.0	205.5	208.6	205.5	200.0	193.4	186.9	180.6	172.1	165.8
35°	166.2	161.9	159.3	158.2	159.3	161.9	166.2	173.3	183.5	190.5	182.8
32.5°	157.3	157.6	157.0	156.0	157.0	157.6	157.3	156.6	155.3	161.4	176.9
30°	177.6	180.5	180.9	180.7	180.9	180.5	177.6	171.5	163.4	159.1	156.9
27.5°	221.8	229.1	231.4	236.0	231.4	229.1	221.8	208.3	190.0	177.9	163.7
25°	279.9	291.1	296.4	298.4	296.4	291.1	279.9	262.9	240.8	215.6	188.6
22.5°	331.6	340.1	345.1	349.3	345.1	340.1	331.6	318.8	296.0	265.6	232.8
20°	392.9	408.5	415.6	416.1	415.6	408.5	392.9	366.3	343.6	316.3	279.8
17.5°	488.6	518.8	533.9	538.2	533.9	518.8	488.6	445.7	405.6	358.5	324.0
15°	639.4	716.7	756.5	775.3	756.5	716.7	639.4	556.0	487.7	420.3	357.8
12.5°	885.6	1059.9	1200.8	1253.9	1200.8	1059.9	885.6	733.6	585.6	487.0	404.5
10°	1373.5	1893.7	2501.7	2785.2	2501.7	1893.7	1373.5	969.0	735.9	554.9	445.9
7.5°	2657.1	6169.2	11957.0	14717.9	11957.0	6169.2	2657.1	1386.9	890.6	642.3	490.4
5°	5663.6	24442.4	43773.2	51415.4	43773.2	24442.4	5663.6	1929.9	1081.7	727.9	522.8
2.5°	9020.9	40088.7	75640.9	88446.3	75640.9	40088.7	9020.9	2537.8	1259.2	782.0	546.0
0°	10778.2	42246.1	83468.0	96245.2	83468.0	42246.1	10778.2	2619.3	1324.8	798.3	553.0
-2.5°	9020.9	40088.7	75640.9	88446.3	75640.9	40088.7	9020.9	2537.8	1259.2	782.0	546.0
-5°	5663.6	24442.4	43773.2	51415.4	43773.2	24442.4	5663.6	1929.9	1081.7	727.9	522.8
-7.5°	2657.1	6169.2	11957.0	14717.9	11957.0	6169.2	2657.1	1386.9	890.6	642.3	490.4
-10°	1373.5	1893.7	2501.7	2785.2	2501.7	1893.7	1373.5	969.0	735.9	554.9	445.9
-12.5°	885.6	1059.9	1200.8	1253.9	1200.8	1059.9	885.6	733.6	585.6	487.0	404.5
-15°	639.4	716.7	756.5	775.3	756.5	716.7	639.4	556.0	487.7	420.3	357.8
-17.5°	488.6	518.8	533.9	538.2	533.9	518.8	488.6	445.7	405.6	358.5	324.0
-20°	392.9	408.5	415.6	416.1	415.6	408.5	392.9	366.3	343.6	316.3	279.8



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	331.6	340.1	345.1	349.3	345.1	340.1	331.6	318.8	296.0	265.6	232.8
-25°	279.9	291.1	296.4	298.4	296.4	291.1	279.9	262.9	240.8	215.6	188.6
-27.5°	221.8	229.1	231.4	236.0	231.4	229.1	221.8	208.3	190.0	177.9	163.7
-30°	177.6	180.5	180.9	180.7	180.9	180.5	177.6	171.5	163.4	159.1	156.9
-32.5°	157.3	157.6	157.0	156.0	157.0	157.6	157.3	156.6	155.3	161.4	176.9
-35°	166.2	161.9	159.3	158.2	159.3	161.9	166.2	173.3	183.5	190.5	182.8
-37.5°	193.4	200.0	205.5	208.6	205.5	200.0	193.4	186.9	180.6	172.1	165.8
-40°	180.0	186.0	191.7	197.7	191.7	186.0	180.0	173.7	166.9	159.3	152.7
-42.5°	167.5	171.8	175.0	175.8	175.0	171.8	167.5	163.5	157.4	150.0	141.6
-45°	158.2	160.3	161.8	163.2	161.8	160.3	158.2	155.4	149.1	141.5	133.4
-47.5°	148.3	152.1	154.1	154.4	154.1	152.1	148.3	143.5	136.8	129.0	121.2
-50°	132.1	138.0	140.9	141.3	140.9	138.0	132.1	125.0	117.0	108.6	99.7
-52.5°	109.6	116.2	118.9	118.8	118.9	116.2	109.6	102.3	94.6	88.4	81.9
-55°	92.8	99.9	102.3	101.8	102.3	99.9	92.8	85.2	77.3	72.7	67.8
-57.5°	79.6	86.7	88.0	86.5	88.0	86.7	79.6	72.3	64.7	60.7	56.9
-60°	70.1	76.8	77.9	76.7	77.9	76.8	70.1	63.2	56.1	52.2	49.0
-62.5°	65.5	71.8	73.2	73.4	73.2	71.8	65.5	58.7	51.1	46.3	43.1
-65°	72.9	83.6	87.8	90.9	87.8	83.6	72.9	61.7	49.8	42.0	38.2
-67.5°	81.8	99.5	105.1	107.9	105.1	99.5	81.8	64.9	49.2	39.2	34.6
-70°	53.1	59.3	59.1	57.5	59.1	59.3	53.1	46.9	41.1	35.6	30.1
-72.5°	32.4	34.0	33.6	32.9	33.6	34.0	32.4	30.7	28.9	26.4	22.4
-75°	19.4	20.1	19.7	19.2	19.7	20.1	19.4	18.7	17.9	16.8	14.7
-77.5°	12.0	12.5	12.0	11.5	12.0	12.5	12.0	11.6	11.1	10.4	9.3
-80°	5.9	5.9	5.7	5.5	5.7	5.9	5.9	5.8	5.6	5.4	4.9
-82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.0
-85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7
82.5°	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
80°	4.4	4.0	3.6	3.5	3.3	3.2	2.9	2.6	2.3	2.1	2.0
77.5°	8.1	7.0	6.2	6.0	5.8	5.6	5.2	4.6	4.2	3.7	3.4
75°	12.7	10.7	9.4	9.3	9.1	8.8	8.3	7.6	6.8	6.0	5.3
72.5°	18.6	15.1	13.1	12.9	12.7	12.4	12.0	11.4	10.4	9.1	7.9
70°	24.7	19.6	17.3	17.1	16.8	16.5	16.0	15.5	15.0	14.1	12.3
67.5°	29.6	24.2	22.2	21.9	21.6	21.2	20.3	19.5	18.8	18.0	16.2
65°	34.1	29.5	28.6	28.4	27.9	27.0	24.9	23.3	22.2	21.2	19.3
62.5°	39.5	35.7	35.7	35.4	34.8	33.5	30.8	28.2	25.9	23.9	22.3
60°	45.5	42.5	42.4	42.1	41.7	40.1	37.1	33.9	30.4	28.1	25.9
57.5°	52.9	50.2	49.7	49.0	48.0	45.7	42.9	40.0	36.5	33.3	30.2
55°	62.6	60.0	58.5	56.9	55.1	51.8	48.4	45.1	42.0	39.1	35.6
52.5°	75.3	72.4	69.6	66.4	63.2	58.8	54.5	50.7	47.2	44.0	40.7
50°	91.8	87.8	83.3	78.7	73.4	67.1	61.7	56.8	52.8	49.1	45.4
47.5°	113.1	106.8	99.8	93.7	86.1	78.0	70.9	64.0	59.4	54.5	50.3
45°	128.4	124.7	120.1	111.3	101.3	92.0	82.1	74.2	66.9	61.1	55.3
42.5°	138.9	136.3	132.5	126.8	119.4	107.9	96.5	86.0	76.5	68.4	61.1
40°	148.6	144.4	141.1	137.1	131.0	123.9	112.4	99.3	87.9	77.4	67.0
37.5°	159.9	153.9	149.4	144.7	139.9	133.7	126.3	114.6	100.0	86.7	74.2
35°	174.1	166.6	159.7	153.6	147.6	141.3	134.8	127.0	113.7	97.0	82.0
32.5°	192.0	182.6	173.3	164.9	155.6	148.0	141.3	134.5	125.5	108.5	91.3
30°	164.1	184.8	189.0	177.4	165.2	154.8	147.0	140.2	131.8	120.2	100.6
27.5°	159.5	158.3	181.2	190.4	175.5	162.7	153.1	145.2	137.7	127.5	111.3
25°	172.6	162.0	159.8	180.8	187.8	171.9	160.3	150.8	142.2	133.5	123.9
22.5°	198.1	176.6	162.7	159.9	185.9	183.8	168.9	156.7	147.4	141.8	132.6
20°	239.9	200.0	175.2	163.0	168.5	194.8	177.7	164.7	156.1	149.5	140.8
17.5°	281.8	236.8	194.0	169.4	163.6	182.2	188.2	174.4	163.8	157.4	148.8
15°	320.0	271.0	222.9	185.8	166.5	170.0	197.4	183.4	171.0	164.7	155.5
12.5°	344.5	301.2	249.1	200.4	171.9	165.7	192.1	191.3	178.5	169.0	159.8
10°	367.3	322.4	271.7	220.7	183.3	168.1	184.3	197.9	184.6	172.4	163.2
7.5°	395.0	335.1	288.4	236.2	190.9	169.1	178.3	203.9	190.1	175.9	165.9
5°	412.1	344.0	298.3	245.2	194.3	169.1	173.7	209.2	195.0	179.2	167.9
2.5°	422.8	348.9	303.2	250.0	195.3	168.2	171.7	214.1	199.8	181.1	168.4
0°	424.3	348.2	306.1	251.9	194.9	166.4	173.0	218.5	204.2	182.3	168.6
-2.5°	422.8	348.9	303.2	250.0	195.3	168.2	171.7	214.1	199.8	181.1	168.4
-5°	412.1	344.0	298.3	245.2	194.3	169.1	173.7	209.2	195.0	179.2	167.9
-7.5°	395.0	335.1	288.4	236.2	190.9	169.1	178.3	203.9	190.1	175.9	165.9
-10°	367.3	322.4	271.7	220.7	183.3	168.1	184.3	197.9	184.6	172.4	163.2
-12.5°	344.5	301.2	249.1	200.4	171.9	165.7	192.1	191.3	178.5	169.0	159.8
-15°	320.0	271.0	222.9	185.8	166.5	170.0	197.4	183.4	171.0	164.7	155.5
-17.5°	281.8	236.8	194.0	169.4	163.6	182.2	188.2	174.4	163.8	157.4	148.8
-20°	239.9	200.0	175.2	163.0	168.5	194.8	177.7	164.7	156.1	149.5	140.8



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	198.1	176.6	162.7	159.9	185.9	183.8	168.9	156.7	147.4	141.8	132.6
-25°	172.6	162.0	159.8	180.8	187.8	171.9	160.3	150.8	142.2	133.5	123.9
-27.5°	159.5	158.3	181.2	190.4	175.5	162.7	153.1	145.2	137.7	127.5	111.3
-30°	164.1	184.8	189.0	177.4	165.2	154.8	147.0	140.2	131.8	120.2	100.6
-32.5°	192.0	182.6	173.3	164.9	155.6	148.0	141.3	134.5	125.5	108.5	91.3
-35°	174.1	166.6	159.7	153.6	147.6	141.3	134.8	127.0	113.7	97.0	82.0
-37.5°	159.9	153.9	149.4	144.7	139.9	133.7	126.3	114.6	100.0	86.7	74.2
-40°	148.6	144.4	141.1	137.1	131.0	123.9	112.4	99.3	87.9	77.4	67.0
-42.5°	138.9	136.3	132.5	126.8	119.4	107.9	96.5	86.0	76.5	68.4	61.1
-45°	128.4	124.7	120.1	111.3	101.3	92.0	82.1	74.2	66.9	61.1	55.3
-47.5°	113.1	106.8	99.8	93.7	86.1	78.0	70.9	64.0	59.4	54.5	50.3
-50°	91.8	87.8	83.3	78.7	73.4	67.1	61.7	56.8	52.8	49.1	45.4
-52.5°	75.3	72.4	69.6	66.4	63.2	58.8	54.5	50.7	47.2	44.0	40.7
-55°	62.6	60.0	58.5	56.9	55.1	51.8	48.4	45.1	42.0	39.1	35.6
-57.5°	52.9	50.2	49.7	49.0	48.0	45.7	42.9	40.0	36.5	33.3	30.2
-60°	45.5	42.5	42.4	42.1	41.7	40.1	37.1	33.9	30.4	28.1	25.9
-62.5°	39.5	35.7	35.7	35.4	34.8	33.5	30.8	28.2	25.9	23.9	22.3
-65°	34.1	29.5	28.6	28.4	27.9	27.0	24.9	23.3	22.2	21.2	19.3
-67.5°	29.6	24.2	22.2	21.9	21.6	21.2	20.3	19.5	18.8	18.0	16.2
-70°	24.7	19.6	17.3	17.1	16.8	16.5	16.0	15.5	15.0	14.1	12.3
-72.5°	18.6	15.1	13.1	12.9	12.7	12.4	12.0	11.4	10.4	9.1	7.9
-75°	12.7	10.7	9.4	9.3	9.1	8.8	8.3	7.6	6.8	6.0	5.3
-77.5°	8.1	7.0	6.2	6.0	5.8	5.6	5.2	4.6	4.2	3.7	3.4
-80°	4.4	4.0	3.6	3.5	3.3	3.2	2.9	2.6	2.3	2.1	2.0
-82.5°	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2
-85°	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8	0.7
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3
85°	0.7	0.7	0.6	0.6	0.7	0.8	0.9	0.9	0.8	0.8	0.7
82.5°	1.1	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0
80°	1.9	1.7	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	3.1	2.7	2.3	2.0	1.8	1.6	1.4	1.2	1.1	1.1	1.1
75°	4.7	4.3	3.8	3.3	2.7	2.2	1.9	1.7	1.4	1.1	1.1
72.5°	7.2	6.5	5.7	4.8	4.0	3.3	2.6	2.2	1.9	1.6	1.2
70°	10.5	9.0	8.0	6.8	5.6	4.4	3.6	3.0	2.4	2.1	1.7
67.5°	14.2	12.2	10.5	8.9	7.4	6.0	4.7	3.9	3.3	2.5	2.1
65°	17.1	15.0	12.9	11.1	9.3	7.6	6.1	5.0	4.2	3.4	2.5
62.5°	20.1	17.5	15.3	13.2	11.2	9.3	7.5	6.5	5.2	4.2	3.2
60°	23.5	20.9	17.8	15.4	13.1	10.9	9.2	7.9	6.6	5.1	4.0
57.5°	27.6	24.7	21.1	17.8	15.2	12.7	11.0	9.6	8.0	6.3	4.7
55°	32.0	28.6	24.4	20.6	17.3	14.5	12.9	11.3	9.4	7.5	5.6
52.5°	37.0	32.4	27.7	23.3	19.5	16.6	15.2	13.1	11.1	8.8	6.8
50°	41.7	36.5	31.2	26.3	21.7	19.3	17.5	15.3	12.8	10.2	8.1
47.5°	45.6	40.2	34.7	29.2	24.2	22.2	20.3	17.6	14.5	11.8	9.5
45°	49.5	43.6	38.0	32.3	27.7	25.6	23.2	20.0	16.7	13.6	10.9
42.5°	53.5	47.1	40.9	35.2	31.7	28.9	26.4	22.8	18.9	15.5	12.5
40°	58.4	50.7	43.8	38.7	35.5	32.3	29.4	25.8	21.2	17.7	14.2
37.5°	63.3	54.7	47.0	42.6	39.2	35.7	32.4	28.9	24.2	20.1	16.0
35°	69.6	59.0	51.5	46.5	42.5	39.0	35.4	31.9	27.6	22.6	17.9
32.5°	75.7	64.4	56.7	50.5	45.8	42.1	38.3	35.7	31.1	25.1	19.7
30°	83.8	71.5	61.7	54.3	48.9	44.9	41.8	39.9	34.8	27.6	21.6
27.5°	93.8	78.6	66.9	58.5	52.2	47.7	46.6	44.6	38.5	30.4	23.7
25°	104.0	86.9	73.2	62.8	55.3	52.5	51.3	49.6	42.4	33.5	25.7
22.5°	115.2	95.3	79.2	66.8	60.6	57.1	55.8	53.9	46.5	36.5	27.8
20°	126.1	103.3	85.4	73.5	66.4	62.0	60.1	58.1	50.8	39.6	29.7
17.5°	136.0	112.3	94.1	80.8	72.2	66.8	64.2	62.2	55.1	42.6	31.6
15°	142.6	122.0	102.2	87.7	77.8	71.5	68.2	66.3	59.6	45.5	33.0
12.5°	148.2	130.4	109.5	94.1	83.1	76.1	72.0	70.2	64.0	47.4	33.7
10°	152.9	137.7	116.0	100.0	88.2	80.5	75.7	73.0	65.7	48.4	34.3
7.5°	156.8	143.8	121.8	105.4	92.3	82.7	76.3	73.5	66.7	49.1	34.8
5°	159.5	147.4	124.6	106.8	92.6	82.5	76.3	74.0	67.5	49.6	35.3
2.5°	159.9	147.8	125.3	107.3	92.7	82.2	76.2	74.3	67.8	49.8	35.5
0°	159.9	147.3	125.4	107.3	92.5	81.6	76.1	74.5	67.9	49.8	35.6
-2.5°	159.9	147.8	125.3	107.3	92.7	82.2	76.2	74.3	67.8	49.8	35.5
-5°	159.5	147.4	124.6	106.8	92.6	82.5	76.3	74.0	67.5	49.6	35.3
-7.5°	156.8	143.8	121.8	105.4	92.3	82.7	76.3	73.5	66.7	49.1	34.8
-10°	152.9	137.7	116.0	100.0	88.2	80.5	75.7	73.0	65.7	48.4	34.3
-12.5°	148.2	130.4	109.5	94.1	83.1	76.1	72.0	70.2	64.0	47.4	33.7
-15°	142.6	122.0	102.2	87.7	77.8	71.5	68.2	66.3	59.6	45.5	33.0
-17.5°	136.0	112.3	94.1	80.8	72.2	66.8	64.2	62.2	55.1	42.6	31.6
-20°	126.1	103.3	85.4	73.5	66.4	62.0	60.1	58.1	50.8	39.6	29.7



REPORT NUMBER: P558609 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	115.2	95.3	79.2	66.8	60.6	57.1	55.8	53.9	46.5	36.5	27.8
-25°	104.0	86.9	73.2	62.8	55.3	52.5	51.3	49.6	42.4	33.5	25.7
-27.5°	93.8	78.6	66.9	58.5	52.2	47.7	46.6	44.6	38.5	30.4	23.7
-30°	83.8	71.5	61.7	54.3	48.9	44.9	41.8	39.9	34.8	27.6	21.6
-32.5°	75.7	64.4	56.7	50.5	45.8	42.1	38.3	35.7	31.1	25.1	19.7
-35°	69.6	59.0	51.5	46.5	42.5	39.0	35.4	31.9	27.6	22.6	17.9
-37.5°	63.3	54.7	47.0	42.6	39.2	35.7	32.4	28.9	24.2	20.1	16.0
-40°	58.4	50.7	43.8	38.7	35.5	32.3	29.4	25.8	21.2	17.7	14.2
-42.5°	53.5	47.1	40.9	35.2	31.7	28.9	26.4	22.8	18.9	15.5	12.5
-45°	49.5	43.6	38.0	32.3	27.7	25.6	23.2	20.0	16.7	13.6	10.9
-47.5°	45.6	40.2	34.7	29.2	24.2	22.2	20.3	17.6	14.5	11.8	9.5
-50°	41.7	36.5	31.2	26.3	21.7	19.3	17.5	15.3	12.8	10.2	8.1
-52.5°	37.0	32.4	27.7	23.3	19.5	16.6	15.2	13.1	11.1	8.8	6.8
-55°	32.0	28.6	24.4	20.6	17.3	14.5	12.9	11.3	9.4	7.5	5.6
-57.5°	27.6	24.7	21.1	17.8	15.2	12.7	11.0	9.6	8.0	6.3	4.7
-60°	23.5	20.9	17.8	15.4	13.1	10.9	9.2	7.9	6.6	5.1	4.0
-62.5°	20.1	17.5	15.3	13.2	11.2	9.3	7.5	6.5	5.2	4.2	3.2
-65°	17.1	15.0	12.9	11.1	9.3	7.6	6.1	5.0	4.2	3.4	2.5
-67.5°	14.2	12.2	10.5	8.9	7.4	6.0	4.7	3.9	3.3	2.5	2.1
-70°	10.5	9.0	8.0	6.8	5.6	4.4	3.6	3.0	2.4	2.1	1.7
-72.5°	7.2	6.5	5.7	4.8	4.0	3.3	2.6	2.2	1.9	1.6	1.2
-75°	4.7	4.3	3.8	3.3	2.7	2.2	1.9	1.7	1.4	1.1	1.1
-77.5°	3.1	2.7	2.3	2.0	1.8	1.6	1.4	1.2	1.1	1.1	1.1
-80°	1.9	1.7	1.6	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1
-82.5°	1.1	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0
-85°	0.7	0.7	0.6	0.6	0.7	0.8	0.9	0.9	0.8	0.8	0.7
-87.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
70°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
67.5°	1.6	1.1	1.1	1.1	0.8	0.4	0.0
65°	2.0	1.3	1.1	1.1	0.9	0.5	0.0
62.5°	2.4	1.6	1.1	1.1	1.0	0.5	0.0
60°	2.8	2.0	1.1	1.1	1.1	0.5	0.0
57.5°	3.5	2.4	1.4	1.1	1.1	0.6	0.0
55°	4.2	2.7	1.7	1.1	1.1	0.6	0.0
52.5°	5.0	3.1	2.0	1.1	1.1	0.7	0.0
50°	5.8	3.8	2.2	1.1	1.1	0.7	0.0
47.5°	6.7	4.5	2.5	1.2	1.1	0.7	0.0
45°	7.9	5.2	2.8	1.4	1.2	0.8	0.0
42.5°	9.2	5.9	3.1	1.6	1.2	0.8	0.0
40°	10.4	6.6	3.5	1.8	1.2	0.8	0.0
37.5°	11.7	7.3	4.0	1.9	1.2	0.9	0.0
35°	13.0	8.2	4.5	2.1	1.2	0.9	0.0
32.5°	14.3	9.2	5.0	2.2	1.3	0.9	0.0
30°	15.8	10.2	5.5	2.4	1.3	1.0	0.0
27.5°	17.3	11.1	5.9	2.5	1.3	1.0	0.0
25°	18.7	12.1	6.1	2.6	1.3	1.0	0.0
22.5°	20.2	12.8	6.3	2.6	1.4	1.0	0.0
20°	21.6	13.1	6.4	2.7	1.4	1.0	0.0
17.5°	22.3	13.3	6.5	2.7	1.4	1.0	0.0
15°	22.5	13.3	6.6	2.8	1.4	1.1	0.0
12.5°	22.7	13.3	6.6	2.8	1.5	1.1	0.0
10°	22.8	13.2	6.5	2.8	1.5	1.1	0.0
7.5°	22.7	13.0	6.5	2.8	1.5	1.1	0.0
5°	22.6	12.7	6.3	2.8	1.6	1.1	0.0
2.5°	22.3	12.4	6.2	2.7	1.6	1.1	0.0
0°	21.9	12.0	6.0	2.7	1.6	1.1	0.0
-2.5°	22.3	12.4	6.2	2.7	1.6	1.1	0.0
-5°	22.6	12.7	6.3	2.8	1.6	1.1	0.0
-7.5°	22.7	13.0	6.5	2.8	1.5	1.1	0.0
-10°	22.8	13.2	6.5	2.8	1.5	1.1	0.0
-12.5°	22.7	13.3	6.6	2.8	1.5	1.1	0.0
-15°	22.5	13.3	6.6	2.8	1.4	1.1	0.0
-17.5°	22.3	13.3	6.5	2.7	1.4	1.0	0.0
-20°	21.6	13.1	6.4	2.7	1.4	1.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.2	12.8	6.3	2.6	1.4	1.0	0.0
-25°	18.7	12.1	6.1	2.6	1.3	1.0	0.0
-27.5°	17.3	11.1	5.9	2.5	1.3	1.0	0.0
-30°	15.8	10.2	5.5	2.4	1.3	1.0	0.0
-32.5°	14.3	9.2	5.0	2.2	1.3	0.9	0.0
-35°	13.0	8.2	4.5	2.1	1.2	0.9	0.0
-37.5°	11.7	7.3	4.0	1.9	1.2	0.9	0.0
-40°	10.4	6.6	3.5	1.8	1.2	0.8	0.0
-42.5°	9.2	5.9	3.1	1.6	1.2	0.8	0.0
-45°	7.9	5.2	2.8	1.4	1.2	0.8	0.0
-47.5°	6.7	4.5	2.5	1.2	1.1	0.7	0.0
-50°	5.8	3.8	2.2	1.1	1.1	0.7	0.0
-52.5°	5.0	3.1	2.0	1.1	1.1	0.7	0.0
-55°	4.2	2.7	1.7	1.1	1.1	0.6	0.0
-57.5°	3.5	2.4	1.4	1.1	1.1	0.6	0.0
-60°	2.8	2.0	1.1	1.1	1.1	0.5	0.0
-62.5°	2.4	1.6	1.1	1.1	1.0	0.5	0.0
-65°	2.0	1.3	1.1	1.1	0.9	0.5	0.0
-67.5°	1.6	1.1	1.1	1.1	0.8	0.4	0.0
-70°	1.2	1.1	1.1	1.1	0.8	0.4	0.0
-72.5°	1.1	1.1	1.1	1.0	0.7	0.3	0.0
-75°	1.1	1.1	1.1	0.9	0.6	0.3	0.0
-77.5°	1.1	1.1	0.9	0.7	0.5	0.2	0.0
-80°	1.1	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)