

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: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558737 (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-SA2E-935-U-TSB-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

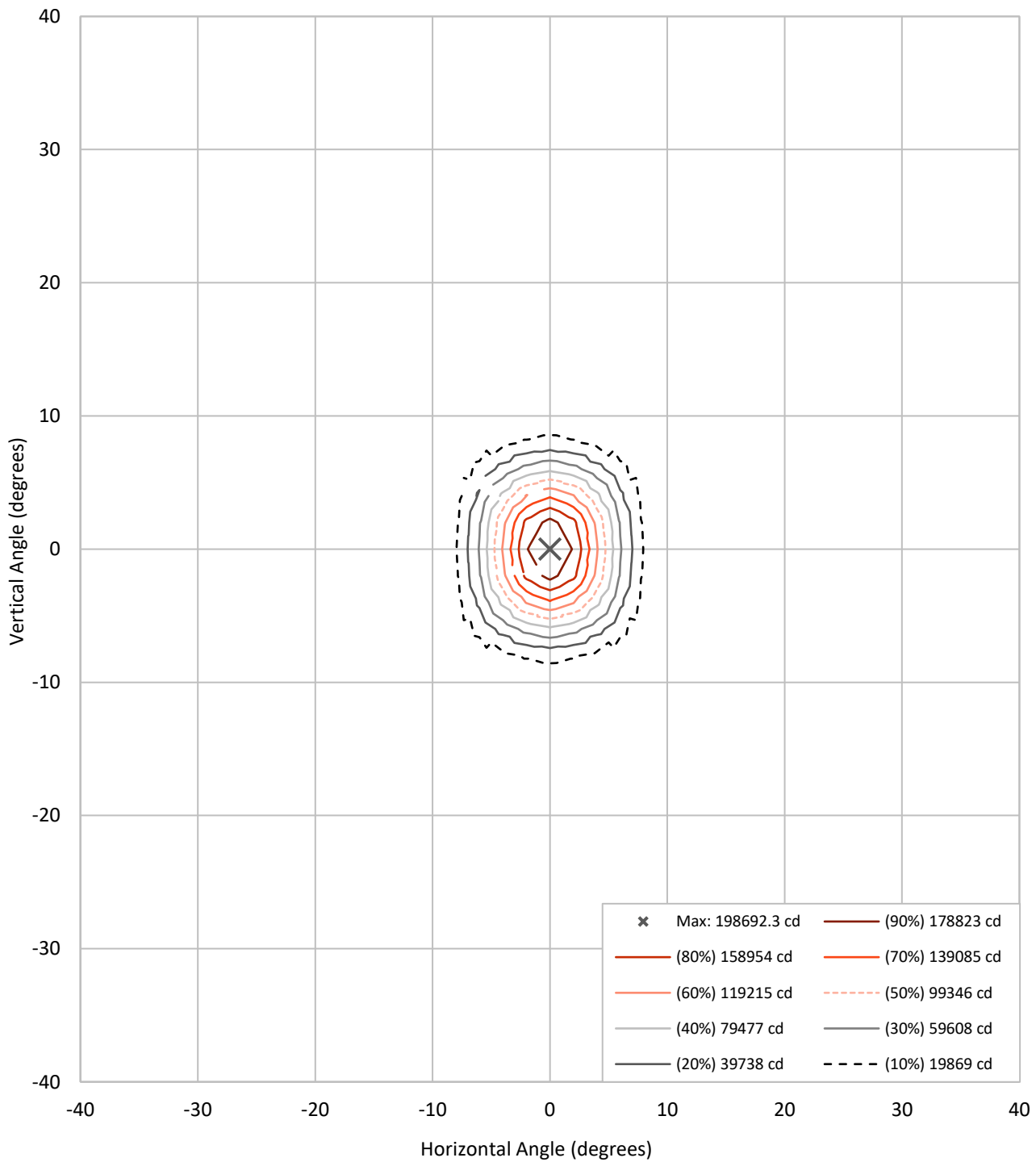
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7737.5 lumens	Max Intensity:	198692.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3316.4 lumens	Field Lumens:	5715.8 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 127  
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





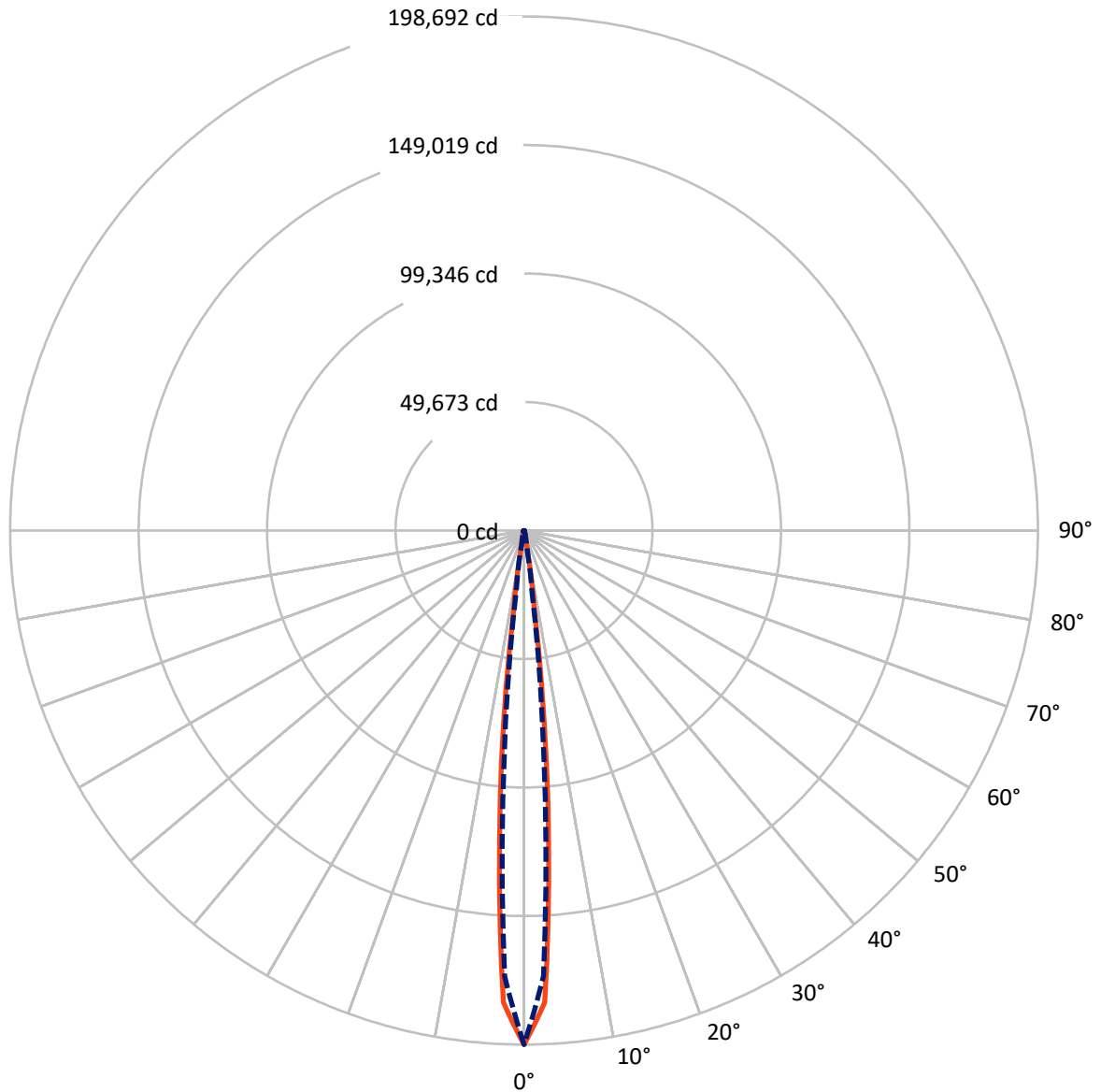
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### Lumen Table

90	0.0		0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0
80	0.0		0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0
70	0.1	0.1	0.4	0.8	1.3	1.7	2.7	4.8	4.8	2.7	1.7	1.3	0.8	0.4	0.1	0.1	
60		0.3	0.8	1.6	2.5	3.4	4.6	6.2	6.2	4.6	3.4	2.5	1.6	0.8	0.3		
50	0.4	0.5	1.2	2.5	4.4	6.6	8.4	10.1	10.1	8.4	6.6	4.4	2.5	1.2	0.5	0.4	
40		0.9	1.7	3.8	6.8	9.2	10.4	11.0	11.0	10.4	9.2	6.8	3.8	1.7	0.9		
30	0.8	1.2	2.4	5.3	8.3	10.0	13.6	17.9	17.9	13.6	10.0	8.3	5.3	2.4	1.2	0.8	
20		1.7	3.3	6.7	9.2	13.1	26.6	53.1	53.1	26.6	13.1	9.2	6.7	3.3	1.7		
10	0.9	1.9	4.0	7.5	9.6	16.8	52.6	1554.6	1554.6	52.6	16.8	9.6	7.5	4.0	1.9	0.9	
0		1.9	4.0	7.5	9.6	16.8	52.6	1554.6	1554.6	52.6	16.8	9.6	7.5	4.0	1.9		
-10	0.8	1.7	3.3	6.7	9.2	13.1	26.6	53.1	53.1	26.6	13.1	9.2	6.7	3.3	1.7	0.8	
-20		1.2	2.4	5.3	8.3	10.0	13.6	17.9	17.9	13.6	10.0	8.3	5.3	2.4	1.2		
-30	0.4	0.9	1.7	3.8	6.8	9.2	10.4	11.0	11.0	10.4	9.2	6.8	3.8	1.7	0.9	0.4	
-40		0.5	1.2	2.5	4.4	6.6	8.4	10.1	10.1	8.4	6.6	4.4	2.5	1.2	0.5		
-50	0.1	0.3	0.8	1.6	2.5	3.4	4.6	6.2	6.2	4.6	3.4	2.5	1.6	0.8	0.3	0.1	
-60		0.1	0.4	0.8	1.3	1.7	2.7	4.8	4.8	2.7	1.7	1.3	0.8	0.4	0.1		
-70	0.0		0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0
-80	0.0		0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0
-90	0.0		0.2		0.8		1.9		3.2		1.9		0.8		0.2		0.0

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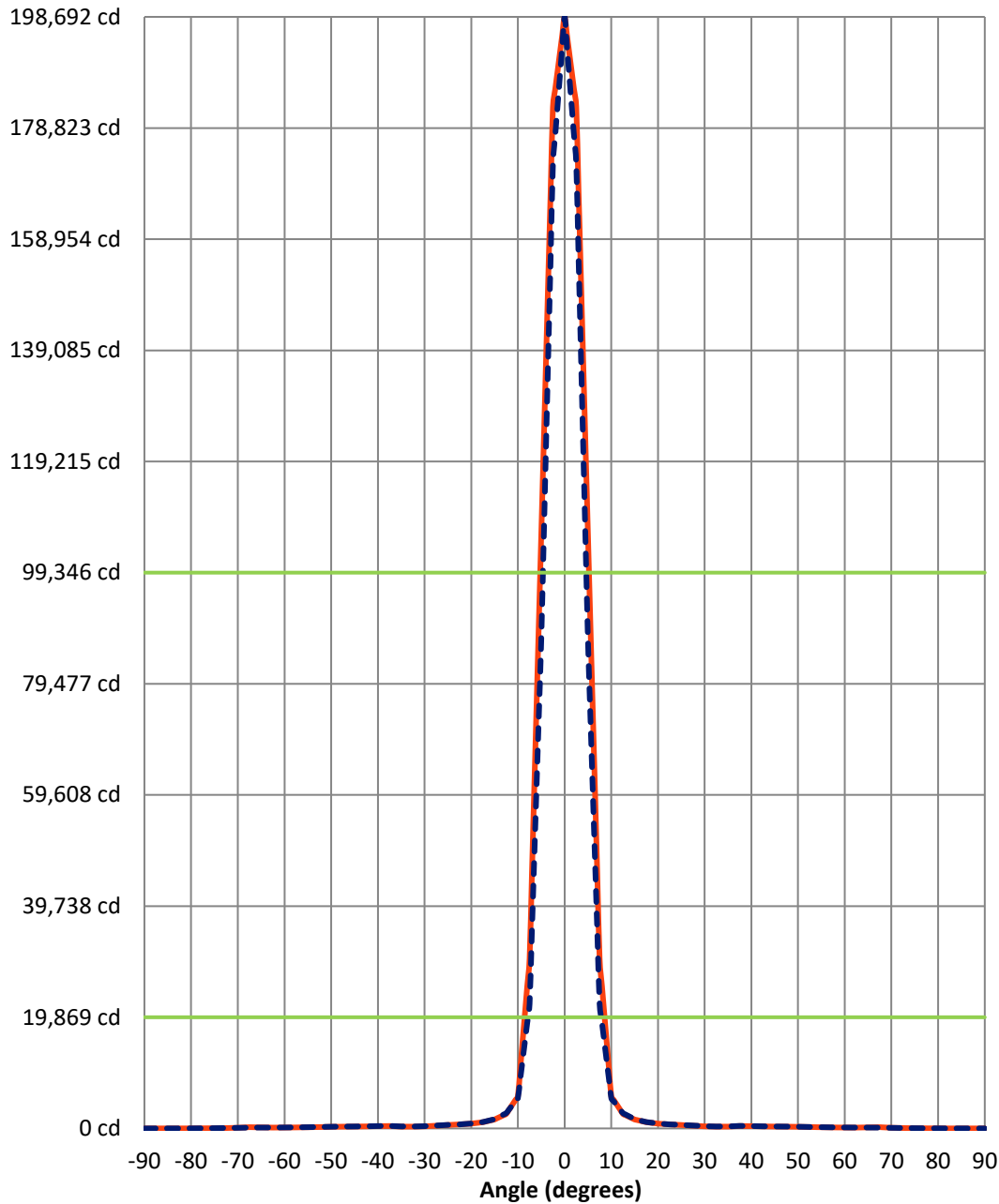
### Luminous Intensity Polar Plot



— 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: 3316.4  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 5715.8  
Efficiency: 73.9%

**Spill:**  
Lumens: 2021.7  
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	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.3	2.3	2.3
80°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.3	2.3	2.3	2.3
77.5°	0.0	0.5	1.0	1.5	2.0	2.3	2.3	2.3	2.3	2.3	2.5
75°	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.4	3.0	3.5
72.5°	0.0	0.7	1.4	2.1	2.3	2.3	2.3	2.5	3.3	4.0	4.4
70°	0.0	0.8	1.6	2.3	2.3	2.3	2.4	3.5	4.3	5.0	6.2
67.5°	0.0	0.9	1.8	2.3	2.3	2.3	3.3	4.4	5.3	6.8	8.1
65°	0.0	1.0	1.9	2.3	2.3	2.7	4.1	5.3	7.0	8.6	10.3
62.5°	0.0	1.1	2.1	2.3	2.3	3.4	5.0	6.7	8.7	10.7	13.3
60°	0.0	1.1	2.3	2.3	2.3	4.2	5.8	8.2	10.4	13.5	16.3
57.5°	0.0	1.2	2.3	2.3	2.9	4.9	7.3	9.8	12.8	16.3	19.7
55°	0.0	1.3	2.3	2.3	3.5	5.6	8.8	11.4	15.5	19.3	23.3
52.5°	0.0	1.4	2.3	2.3	4.1	6.5	10.4	14.0	18.1	22.8	27.1
50°	0.0	1.5	2.4	2.3	4.7	7.9	12.0	16.7	20.9	26.4	31.6
47.5°	0.0	1.6	2.4	2.4	5.2	9.3	13.8	19.5	24.2	30.0	36.4
45°	0.0	1.6	2.4	2.8	5.8	10.8	16.3	22.4	28.0	34.5	41.3
42.5°	0.0	1.7	2.5	3.2	6.4	12.2	18.9	25.7	32.1	39.1	47.2
40°	0.0	1.8	2.5	3.6	7.2	13.6	21.5	29.3	36.5	43.9	53.3
37.5°	0.0	1.8	2.6	4.0	8.3	15.1	24.1	33.1	41.6	49.9	59.7
35°	0.0	1.9	2.6	4.4	9.4	16.9	26.8	36.8	46.7	56.9	65.9
32.5°	0.0	1.9	2.6	4.7	10.4	19.0	29.5	40.7	51.9	64.2	73.7
30°	0.0	2.0	2.7	4.9	11.5	21.0	32.6	44.6	57.1	71.7	82.4
27.5°	0.0	2.0	2.8	5.2	12.1	23.0	35.7	48.9	62.7	79.5	92.1
25°	0.0	2.1	2.8	5.4	12.7	25.0	38.7	53.2	69.1	87.5	102.5
22.5°	0.0	2.1	2.9	5.5	13.1	26.5	41.6	57.3	75.4	96.0	111.3
20°	0.0	2.2	2.9	5.6	13.4	27.1	44.5	61.4	81.7	104.8	120.0
17.5°	0.0	2.2	3.0	5.7	13.5	27.4	46.0	65.3	87.9	113.9	128.5
15°	0.0	2.2	3.1	5.8	13.6	27.6	46.5	68.1	94.0	123.0	136.9
12.5°	0.0	2.2	3.1	5.8	13.6	27.5	46.9	69.6	97.9	132.2	145.0
10°	0.0	2.3	3.2	5.9	13.5	27.3	47.0	70.9	99.9	135.7	150.8
7.5°	0.0	2.3	3.2	5.8	13.3	26.9	46.9	71.9	101.4	137.9	151.8
5°	0.0	2.3	3.3	5.8	13.1	26.4	46.6	72.8	102.4	139.3	152.7
2.5°	0.0	2.3	3.3	5.8	12.8	25.7	46.0	73.3	102.9	140.1	153.3
0°	0.0	2.3	3.4	5.7	12.4	24.9	45.2	73.5	102.9	140.2	153.7
-2.5°	0.0	2.3	3.3	5.8	12.8	25.7	46.0	73.3	102.9	140.1	153.3
-5°	0.0	2.3	3.3	5.8	13.1	26.4	46.6	72.8	102.4	139.3	152.7
-7.5°	0.0	2.3	3.2	5.8	13.3	26.9	46.9	71.9	101.4	137.9	151.8
-10°	0.0	2.3	3.2	5.9	13.5	27.3	47.0	70.9	99.9	135.7	150.8
-12.5°	0.0	2.2	3.1	5.8	13.6	27.5	46.9	69.6	97.9	132.2	145.0
-15°	0.0	2.2	3.1	5.8	13.6	27.6	46.5	68.1	94.0	123.0	136.9
-17.5°	0.0	2.2	3.0	5.7	13.5	27.4	46.0	65.3	87.9	113.9	128.5
-20°	0.0	2.2	2.9	5.6	13.4	27.1	44.5	61.4	81.7	104.8	120.0



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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	2.1	2.9	5.5	13.1	26.5	41.6	57.3	75.4	96.0	111.3
-25°	0.0	2.1	2.8	5.4	12.7	25.0	38.7	53.2	69.1	87.5	102.5
-27.5°	0.0	2.0	2.8	5.2	12.1	23.0	35.7	48.9	62.7	79.5	92.1
-30°	0.0	2.0	2.7	4.9	11.5	21.0	32.6	44.6	57.1	71.7	82.4
-32.5°	0.0	1.9	2.6	4.7	10.4	19.0	29.5	40.7	51.9	64.2	73.7
-35°	0.0	1.9	2.6	4.4	9.4	16.9	26.8	36.8	46.7	56.9	65.9
-37.5°	0.0	1.8	2.6	4.0	8.3	15.1	24.1	33.1	41.6	49.9	59.7
-40°	0.0	1.8	2.5	3.6	7.2	13.6	21.5	29.3	36.5	43.9	53.3
-42.5°	0.0	1.7	2.5	3.2	6.4	12.2	18.9	25.7	32.1	39.1	47.2
-45°	0.0	1.6	2.4	2.8	5.8	10.8	16.3	22.4	28.0	34.5	41.3
-47.5°	0.0	1.6	2.4	2.4	5.2	9.3	13.8	19.5	24.2	30.0	36.4
-50°	0.0	1.5	2.4	2.3	4.7	7.9	12.0	16.7	20.9	26.4	31.6
-52.5°	0.0	1.4	2.3	2.3	4.1	6.5	10.4	14.0	18.1	22.8	27.1
-55°	0.0	1.3	2.3	2.3	3.5	5.6	8.8	11.4	15.5	19.3	23.3
-57.5°	0.0	1.2	2.3	2.3	2.9	4.9	7.3	9.8	12.8	16.3	19.7
-60°	0.0	1.1	2.3	2.3	2.3	4.2	5.8	8.2	10.4	13.5	16.3
-62.5°	0.0	1.1	2.1	2.3	2.3	3.4	5.0	6.7	8.7	10.7	13.3
-65°	0.0	1.0	1.9	2.3	2.3	2.7	4.1	5.3	7.0	8.6	10.3
-67.5°	0.0	0.9	1.8	2.3	2.3	2.3	3.3	4.4	5.3	6.8	8.1
-70°	0.0	0.8	1.6	2.3	2.3	2.3	2.4	3.5	4.3	5.0	6.2
-72.5°	0.0	0.7	1.4	2.1	2.3	2.3	2.3	2.5	3.3	4.0	4.4
-75°	0.0	0.6	1.2	1.8	2.3	2.3	2.3	2.3	2.4	3.0	3.5
-77.5°	0.0	0.5	1.0	1.5	2.0	2.3	2.3	2.3	2.3	2.3	2.5
-80°	0.0	0.4	0.8	1.2	1.6	2.0	2.3	2.3	2.3	2.3	2.3
-82.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.3	2.3	2.3
-85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	1.9
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	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





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 CATALOG NUMBER: GFLD-SA2E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.8	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.9	1.7	1.5	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
82.5°	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.6	2.8	2.9	3.1
80°	2.3	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.4
77.5°	2.9	3.4	3.8	4.2	4.7	5.5	6.3	6.9	7.7	8.6	9.6
75°	3.9	4.4	5.5	6.8	8.0	8.8	9.6	10.9	12.4	14.1	15.7
72.5°	5.4	6.8	8.3	9.9	11.8	13.4	14.9	16.4	18.9	21.5	23.5
70°	7.4	9.1	11.5	14.1	16.5	18.6	21.7	25.3	29.0	30.9	32.0
67.5°	9.6	12.3	15.2	18.2	21.6	25.1	29.4	33.4	37.2	38.7	40.1
65°	12.5	15.5	19.1	22.8	26.7	31.0	35.3	39.8	43.7	45.8	48.1
62.5°	15.4	19.0	23.1	27.3	31.7	36.3	41.5	46.0	49.4	53.5	58.3
60°	18.9	22.5	27.1	31.9	36.9	43.2	48.5	53.5	58.1	62.8	69.9
57.5°	22.6	26.2	31.3	36.9	43.6	50.9	56.9	62.3	68.7	75.3	82.5
55°	26.7	29.9	35.7	42.5	50.3	58.9	66.0	73.4	80.8	86.6	93.0
52.5°	31.3	34.3	40.3	48.2	57.2	66.9	76.4	84.1	90.8	97.3	104.6
50°	36.2	39.9	44.8	54.2	64.3	75.4	86.1	93.7	101.4	109.1	117.3
47.5°	41.8	45.9	50.1	60.2	71.7	83.0	94.1	103.9	112.5	122.6	132.0
45°	48.0	52.8	57.2	66.7	78.5	89.9	102.2	114.1	126.1	138.1	153.1
42.5°	54.5	59.7	65.3	72.7	84.5	97.2	110.4	126.2	141.4	158.1	177.6
40°	60.8	66.6	73.3	80.0	90.4	104.6	120.7	138.4	159.8	181.5	205.1
37.5°	67.0	73.7	80.9	87.8	97.0	112.9	130.7	153.3	179.1	206.5	236.6
35°	73.0	80.5	87.8	95.9	106.3	121.8	143.6	169.2	200.2	234.8	262.3
32.5°	79.0	87.0	94.4	104.2	117.0	132.8	156.1	188.4	224.1	259.2	277.6
30°	86.4	92.8	101.0	112.0	127.4	147.6	172.8	207.7	248.3	272.2	289.4
27.5°	96.3	98.6	107.8	120.8	138.1	162.1	193.5	229.7	263.3	284.3	299.6
25°	106.1	108.4	114.3	129.6	151.0	179.3	214.6	255.8	275.7	293.5	311.3
22.5°	115.4	117.8	125.2	137.9	163.4	196.8	237.8	273.8	292.8	304.2	323.4
20°	124.1	128.0	137.0	151.7	176.2	213.3	260.3	290.6	308.7	322.3	340.0
17.5°	132.6	137.9	149.0	166.9	194.2	231.9	280.7	307.3	324.9	338.1	360.1
15°	140.7	147.6	160.5	181.0	210.9	251.8	294.4	321.0	340.0	352.9	378.6
12.5°	148.6	157.0	171.5	194.2	226.1	269.2	306.0	329.8	348.8	368.5	395.0
10°	156.3	166.1	182.0	206.4	239.6	284.2	315.7	336.9	355.9	381.0	408.6
7.5°	157.4	170.7	190.6	217.6	251.5	296.9	323.7	342.4	363.0	392.4	421.0
5°	157.5	170.3	191.3	220.5	257.2	304.4	329.3	346.6	369.9	402.5	432.0
2.5°	157.3	169.5	191.4	221.5	258.6	305.1	330.1	347.7	373.9	412.5	442.1
0°	157.1	168.4	191.0	221.5	258.8	304.1	330.1	348.1	376.4	421.6	451.0
-2.5°	157.3	169.5	191.4	221.5	258.6	305.1	330.1	347.7	373.9	412.5	442.1
-5°	157.5	170.3	191.3	220.5	257.2	304.4	329.3	346.6	369.9	402.5	432.0
-7.5°	157.4	170.7	190.6	217.6	251.5	296.9	323.7	342.4	363.0	392.4	421.0
-10°	156.3	166.1	182.0	206.4	239.6	284.2	315.7	336.9	355.9	381.0	408.6
-12.5°	148.6	157.0	171.5	194.2	226.1	269.2	306.0	329.8	348.8	368.5	395.0
-15°	140.7	147.6	160.5	181.0	210.9	251.8	294.4	321.0	340.0	352.9	378.6
-17.5°	132.6	137.9	149.0	166.9	194.2	231.9	280.7	307.3	324.9	338.1	360.1
-20°	124.1	128.0	137.0	151.7	176.2	213.3	260.3	290.6	308.7	322.3	340.0



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	115.4	117.8	125.2	137.9	163.4	196.8	237.8	273.8	292.8	304.2	323.4
-25°	106.1	108.4	114.3	129.6	151.0	179.3	214.6	255.8	275.7	293.5	311.3
-27.5°	96.3	98.6	107.8	120.8	138.1	162.1	193.5	229.7	263.3	284.3	299.6
-30°	86.4	92.8	101.0	112.0	127.4	147.6	172.8	207.7	248.3	272.2	289.4
-32.5°	79.0	87.0	94.4	104.2	117.0	132.8	156.1	188.4	224.1	259.2	277.6
-35°	73.0	80.5	87.8	95.9	106.3	121.8	143.6	169.2	200.2	234.8	262.3
-37.5°	67.0	73.7	80.9	87.8	97.0	112.9	130.7	153.3	179.1	206.5	236.6
-40°	60.8	66.6	73.3	80.0	90.4	104.6	120.7	138.4	159.8	181.5	205.1
-42.5°	54.5	59.7	65.3	72.7	84.5	97.2	110.4	126.2	141.4	158.1	177.6
-45°	48.0	52.8	57.2	66.7	78.5	89.9	102.2	114.1	126.1	138.1	153.1
-47.5°	41.8	45.9	50.1	60.2	71.7	83.0	94.1	103.9	112.5	122.6	132.0
-50°	36.2	39.9	44.8	54.2	64.3	75.4	86.1	93.7	101.4	109.1	117.3
-52.5°	31.3	34.3	40.3	48.2	57.2	66.9	76.4	84.1	90.8	97.3	104.6
-55°	26.7	29.9	35.7	42.5	50.3	58.9	66.0	73.4	80.8	86.6	93.0
-57.5°	22.6	26.2	31.3	36.9	43.6	50.9	56.9	62.3	68.7	75.3	82.5
-60°	18.9	22.5	27.1	31.9	36.9	43.2	48.5	53.5	58.1	62.8	69.9
-62.5°	15.4	19.0	23.1	27.3	31.7	36.3	41.5	46.0	49.4	53.5	58.3
-65°	12.5	15.5	19.1	22.8	26.7	31.0	35.3	39.8	43.7	45.8	48.1
-67.5°	9.6	12.3	15.2	18.2	21.6	25.1	29.4	33.4	37.2	38.7	40.1
-70°	7.4	9.1	11.5	14.1	16.5	18.6	21.7	25.3	29.0	30.9	32.0
-72.5°	5.4	6.8	8.3	9.9	11.8	13.4	14.9	16.4	18.9	21.5	23.5
-75°	3.9	4.4	5.5	6.8	8.0	8.8	9.6	10.9	12.4	14.1	15.7
-77.5°	2.9	3.4	3.8	4.2	4.7	5.5	6.3	6.9	7.7	8.6	9.6
-80°	2.3	2.3	2.6	2.9	3.2	3.5	3.8	4.1	4.4	4.8	5.4
-82.5°	2.1	2.0	2.0	2.0	2.1	2.2	2.4	2.6	2.8	2.9	3.1
-85°	1.9	1.7	1.5	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
-87.5°	0.9	0.9	0.8	0.6	0.7	0.7	0.7	0.8	0.8	0.8	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



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
82.5°	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.4
80°	6.0	6.5	6.9	7.1	7.3	8.1	9.1	10.2	11.2	11.6	11.9
77.5°	10.8	11.6	12.1	12.4	12.7	14.4	16.7	19.1	21.5	22.8	23.8
75°	17.2	18.1	18.7	19.1	19.4	22.1	26.1	30.3	34.7	36.9	38.6
72.5°	24.8	25.6	26.2	26.7	27.1	31.1	38.3	46.2	54.6	59.7	63.4
70°	33.0	33.9	34.7	35.3	35.8	40.6	51.1	62.0	73.4	84.8	96.8
67.5°	41.8	43.7	44.7	45.2	45.9	49.9	61.1	71.4	81.0	101.5	133.9
65°	51.3	55.7	57.5	58.5	58.9	60.8	70.3	79.0	86.8	102.8	127.4
62.5°	63.5	69.2	71.9	73.0	73.7	73.8	81.6	88.9	95.6	105.6	121.2
60°	76.6	82.8	86.0	86.9	87.5	87.7	94.0	101.2	107.8	115.9	130.6
57.5°	88.6	94.3	99.2	101.1	102.6	103.7	109.2	117.6	125.5	133.6	149.3
55°	100.0	107.1	113.8	117.5	120.9	124.0	129.4	140.0	150.1	159.6	176.0
52.5°	112.5	121.5	130.5	137.2	143.7	149.5	155.3	169.0	182.5	195.2	211.1
50°	127.4	138.6	151.6	162.6	172.0	181.2	189.5	205.8	224.0	241.4	258.1
47.5°	146.3	161.0	177.7	193.3	206.1	220.4	233.4	250.1	266.3	282.4	296.3
45°	169.5	189.9	209.0	229.8	248.0	257.5	265.0	275.4	292.1	307.9	320.8
42.5°	199.2	222.9	246.5	261.9	273.6	281.3	286.8	292.3	309.7	325.0	337.5
40°	232.1	256.0	270.5	283.1	291.2	298.1	306.7	315.2	328.9	344.6	358.5
37.5°	260.7	276.0	288.8	298.7	308.5	317.7	330.1	342.3	355.4	372.9	385.8
35°	278.3	291.7	304.7	317.2	329.8	343.8	359.4	377.3	393.2	378.7	357.8
32.5°	291.8	305.5	321.3	340.5	357.8	377.0	396.4	365.2	333.2	320.6	323.2
30°	303.5	319.5	341.1	366.2	390.3	381.7	338.9	324.0	328.4	337.2	354.1
27.5°	316.0	336.0	362.3	393.2	374.2	326.9	329.4	338.1	367.3	392.2	429.9
25°	330.9	354.9	387.6	373.3	330.0	334.4	356.4	389.5	445.2	497.2	542.6
22.5°	348.7	379.4	383.7	330.1	335.9	364.5	409.0	480.6	548.4	611.2	658.1
20°	366.9	402.2	347.8	336.5	361.6	412.8	495.3	577.5	653.2	709.3	756.3
17.5°	388.6	376.1	337.6	349.7	400.5	488.9	581.8	668.9	740.2	837.4	920.1
15°	407.6	350.9	343.8	383.6	460.1	559.5	660.5	738.8	867.6	1006.8	1147.7
12.5°	396.7	342.0	354.9	413.8	514.4	621.8	711.1	835.0	1005.5	1208.9	1514.5
10°	380.5	347.1	378.5	455.6	560.9	665.5	758.3	920.6	1145.6	1519.2	2000.5
7.5°	368.0	349.2	394.0	487.6	595.4	691.9	815.5	1012.4	1326.0	1838.6	2863.4
5°	358.6	349.1	401.2	506.2	616.0	710.1	850.9	1079.2	1502.8	2233.0	3984.2
2.5°	354.4	347.3	403.2	516.2	625.9	720.3	872.8	1127.1	1614.3	2599.5	5239.1
0°	357.2	343.6	402.4	519.9	631.8	718.9	876.0	1141.6	1648.0	2734.9	5407.5
-2.5°	354.4	347.3	403.2	516.2	625.9	720.3	872.8	1127.1	1614.3	2599.5	5239.1
-5°	358.6	349.1	401.2	506.2	616.0	710.1	850.9	1079.2	1502.8	2233.0	3984.2
-7.5°	368.0	349.2	394.0	487.6	595.4	691.9	815.5	1012.4	1326.0	1838.6	2863.4
-10°	380.5	347.1	378.5	455.6	560.9	665.5	758.3	920.6	1145.6	1519.2	2000.5
-12.5°	396.7	342.0	354.9	413.8	514.4	621.8	711.1	835.0	1005.5	1208.9	1514.5
-15°	407.6	350.9	343.8	383.6	460.1	559.5	660.5	738.8	867.6	1006.8	1147.7
-17.5°	388.6	376.1	337.6	349.7	400.5	488.9	581.8	668.9	740.2	837.4	920.1
-20°	366.9	402.2	347.8	336.5	361.6	412.8	495.3	577.5	653.2	709.3	756.3



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	348.7	379.4	383.7	330.1	335.9	364.5	409.0	480.6	548.4	611.2	658.1
-25°	330.9	354.9	387.6	373.3	330.0	334.4	356.4	389.5	445.2	497.2	542.6
-27.5°	316.0	336.0	362.3	393.2	374.2	326.9	329.4	338.1	367.3	392.2	429.9
-30°	303.5	319.5	341.1	366.2	390.3	381.7	338.9	324.0	328.4	337.2	354.1
-32.5°	291.8	305.5	321.3	340.5	357.8	377.0	396.4	365.2	333.2	320.6	323.2
-35°	278.3	291.7	304.7	317.2	329.8	343.8	359.4	377.3	393.2	378.7	357.8
-37.5°	260.7	276.0	288.8	298.7	308.5	317.7	330.1	342.3	355.4	372.9	385.8
-40°	232.1	256.0	270.5	283.1	291.2	298.1	306.7	315.2	328.9	344.6	358.5
-42.5°	199.2	222.9	246.5	261.9	273.6	281.3	286.8	292.3	309.7	325.0	337.5
-45°	169.5	189.9	209.0	229.8	248.0	257.5	265.0	275.4	292.1	307.9	320.8
-47.5°	146.3	161.0	177.7	193.3	206.1	220.4	233.4	250.1	266.3	282.4	296.3
-50°	127.4	138.6	151.6	162.6	172.0	181.2	189.5	205.8	224.0	241.4	258.1
-52.5°	112.5	121.5	130.5	137.2	143.7	149.5	155.3	169.0	182.5	195.2	211.1
-55°	100.0	107.1	113.8	117.5	120.9	124.0	129.4	140.0	150.1	159.6	176.0
-57.5°	88.6	94.3	99.2	101.1	102.6	103.7	109.2	117.6	125.5	133.6	149.3
-60°	76.6	82.8	86.0	86.9	87.5	87.7	94.0	101.2	107.8	115.9	130.6
-62.5°	63.5	69.2	71.9	73.0	73.7	73.8	81.6	88.9	95.6	105.6	121.2
-65°	51.3	55.7	57.5	58.5	58.9	60.8	70.3	79.0	86.8	102.8	127.4
-67.5°	41.8	43.7	44.7	45.2	45.9	49.9	61.1	71.4	81.0	101.5	133.9
-70°	33.0	33.9	34.7	35.3	35.8	40.6	51.1	62.0	73.4	84.8	96.8
-72.5°	24.8	25.6	26.2	26.7	27.1	31.1	38.3	46.2	54.6	59.7	63.4
-75°	17.2	18.1	18.7	19.1	19.4	22.1	26.1	30.3	34.7	36.9	38.6
-77.5°	10.8	11.6	12.1	12.4	12.7	14.4	16.7	19.1	21.5	22.8	23.8
-80°	6.0	6.5	6.9	7.1	7.3	8.1	9.1	10.2	11.2	11.6	11.9
-82.5°	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.2	4.3	4.3	4.4
-85°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	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: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
82.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
80°	12.1	12.3	11.8	11.3	11.8	12.3	12.1	11.9	11.6	11.2	10.2
77.5°	24.8	25.7	24.8	23.7	24.8	25.7	24.8	23.8	22.8	21.5	19.1
75°	40.0	41.4	40.6	39.6	40.6	41.4	40.0	38.6	36.9	34.7	30.3
72.5°	66.9	70.2	69.4	67.8	69.4	70.2	66.9	63.4	59.7	54.6	46.2
70°	109.6	122.4	121.9	118.7	121.9	122.4	109.6	96.8	84.8	73.4	62.0
67.5°	168.9	205.3	216.9	222.7	216.9	205.3	168.9	133.9	101.5	81.0	71.4
65°	150.4	172.4	181.1	187.6	181.1	172.4	150.4	127.4	102.8	86.8	79.0
62.5°	135.3	148.3	151.2	151.5	151.2	148.3	135.3	121.2	105.6	95.6	88.9
60°	144.8	158.7	160.7	158.2	160.7	158.7	144.8	130.6	115.9	107.8	101.2
57.5°	164.4	178.9	181.6	178.6	181.6	178.9	164.4	149.3	133.6	125.5	117.6
55°	191.6	206.3	211.2	210.2	211.2	206.3	191.6	176.0	159.6	150.1	140.0
52.5°	226.3	239.8	245.4	245.3	245.4	239.8	226.3	211.1	195.2	182.5	169.0
50°	272.7	284.8	290.8	291.6	290.8	284.8	272.7	258.1	241.4	224.0	205.8
47.5°	306.1	314.1	318.3	318.8	318.3	314.1	306.1	296.3	282.4	266.3	250.1
45°	326.6	330.8	334.1	336.8	334.1	330.8	326.6	320.8	307.9	292.1	275.4
42.5°	345.8	354.8	361.3	362.8	361.3	354.8	345.8	337.5	325.0	309.7	292.3
40°	371.6	384.0	395.8	408.0	395.8	384.0	371.6	358.5	344.6	328.9	315.2
37.5°	399.2	412.9	424.3	430.7	424.3	412.9	399.2	385.8	372.9	355.4	342.3
35°	343.1	334.1	328.7	326.7	328.7	334.1	343.1	357.8	378.7	393.2	377.3
32.5°	324.7	325.3	324.3	322.1	324.3	325.3	324.7	323.2	320.6	333.2	365.2
30°	366.7	372.6	373.4	373.0	373.4	372.6	366.7	354.1	337.2	328.4	324.0
27.5°	457.8	473.0	477.7	487.2	477.7	473.0	457.8	429.9	392.2	367.3	338.1
25°	577.9	600.9	612.0	616.0	612.0	600.9	577.9	542.6	497.2	445.2	389.5
22.5°	684.6	702.2	712.5	721.1	712.5	702.2	684.6	658.1	611.2	548.4	480.6
20°	811.1	843.2	857.9	859.0	857.9	843.2	811.1	756.3	709.3	653.2	577.5
17.5°	1008.6	1071.1	1102.3	1111.1	1102.3	1071.1	1008.6	920.1	837.4	740.2	668.9
15°	1320.1	1479.7	1561.8	1600.5	1561.8	1479.7	1320.1	1147.7	1006.8	867.6	738.8
12.5°	1828.4	2188.1	2479.0	2588.5	2479.0	2188.1	1828.4	1514.5	1208.9	1005.5	835.0
10°	2835.4	3909.6	5164.5	5749.9	5164.5	3909.6	2835.4	2000.5	1519.2	1145.6	920.6
7.5°	5485.4	12735.9	24684.5	30384.2	24684.5	12735.9	5485.4	2863.4	1838.6	1326.0	1012.4
5°	11692.2	50459.7	90367.1	106143.9	90367.1	50459.7	11692.2	3984.2	2233.0	1502.8	1079.2
2.5°	18623.1	82760.6	156156.0	182592.0	156156.0	82760.6	18623.1	5239.1	2599.5	1614.3	1127.1
0°	22250.9	87214.4	172314.6	198692.3	172314.6	87214.4	22250.9	5407.5	2734.9	1648.0	1141.6
-2.5°	18623.1	82760.6	156156.0	182592.0	156156.0	82760.6	18623.1	5239.1	2599.5	1614.3	1127.1
-5°	11692.2	50459.7	90367.1	106143.9	90367.1	50459.7	11692.2	3984.2	2233.0	1502.8	1079.2
-7.5°	5485.4	12735.9	24684.5	30384.2	24684.5	12735.9	5485.4	2863.4	1838.6	1326.0	1012.4
-10°	2835.4	3909.6	5164.5	5749.9	5164.5	3909.6	2835.4	2000.5	1519.2	1145.6	920.6
-12.5°	1828.4	2188.1	2479.0	2588.5	2479.0	2188.1	1828.4	1514.5	1208.9	1005.5	835.0
-15°	1320.1	1479.7	1561.8	1600.5	1561.8	1479.7	1320.1	1147.7	1006.8	867.6	738.8
-17.5°	1008.6	1071.1	1102.3	1111.1	1102.3	1071.1	1008.6	920.1	837.4	740.2	668.9
-20°	811.1	843.2	857.9	859.0	857.9	843.2	811.1	756.3	709.3	653.2	577.5



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	684.6	702.2	712.5	721.1	712.5	702.2	684.6	658.1	611.2	548.4	480.6
-25°	577.9	600.9	612.0	616.0	612.0	600.9	577.9	542.6	497.2	445.2	389.5
-27.5°	457.8	473.0	477.7	487.2	477.7	473.0	457.8	429.9	392.2	367.3	338.1
-30°	366.7	372.6	373.4	373.0	373.4	372.6	366.7	354.1	337.2	328.4	324.0
-32.5°	324.7	325.3	324.3	322.1	324.3	325.3	324.7	323.2	320.6	333.2	365.2
-35°	343.1	334.1	328.7	326.7	328.7	334.1	343.1	357.8	378.7	393.2	377.3
-37.5°	399.2	412.9	424.3	430.7	424.3	412.9	399.2	385.8	372.9	355.4	342.3
-40°	371.6	384.0	395.8	408.0	395.8	384.0	371.6	358.5	344.6	328.9	315.2
-42.5°	345.8	354.8	361.3	362.8	361.3	354.8	345.8	337.5	325.0	309.7	292.3
-45°	326.6	330.8	334.1	336.8	334.1	330.8	326.6	320.8	307.9	292.1	275.4
-47.5°	306.1	314.1	318.3	318.8	318.3	314.1	306.1	296.3	282.4	266.3	250.1
-50°	272.7	284.8	290.8	291.6	290.8	284.8	272.7	258.1	241.4	224.0	205.8
-52.5°	226.3	239.8	245.4	245.3	245.4	239.8	226.3	211.1	195.2	182.5	169.0
-55°	191.6	206.3	211.2	210.2	211.2	206.3	191.6	176.0	159.6	150.1	140.0
-57.5°	164.4	178.9	181.6	178.6	181.6	178.9	164.4	149.3	133.6	125.5	117.6
-60°	144.8	158.7	160.7	158.2	160.7	158.7	144.8	130.6	115.9	107.8	101.2
-62.5°	135.3	148.3	151.2	151.5	151.2	148.3	135.3	121.2	105.6	95.6	88.9
-65°	150.4	172.4	181.1	187.6	181.1	172.4	150.4	127.4	102.8	86.8	79.0
-67.5°	168.9	205.3	216.9	222.7	216.9	205.3	168.9	133.9	101.5	81.0	71.4
-70°	109.6	122.4	121.9	118.7	121.9	122.4	109.6	96.8	84.8	73.4	62.0
-72.5°	66.9	70.2	69.4	67.8	69.4	70.2	66.9	63.4	59.7	54.6	46.2
-75°	40.0	41.4	40.6	39.6	40.6	41.4	40.0	38.6	36.9	34.7	30.3
-77.5°	24.8	25.7	24.8	23.7	24.8	25.7	24.8	23.8	22.8	21.5	19.1
-80°	12.1	12.3	11.8	11.3	11.8	12.3	12.1	11.9	11.6	11.2	10.2
-82.5°	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3	4.2
-85°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6
82.5°	4.1	4.0	3.9	3.8	3.6	3.5	3.3	3.1	2.9	2.8	2.6
80°	9.1	8.1	7.3	7.1	6.9	6.5	6.0	5.4	4.8	4.4	4.1
77.5°	16.7	14.4	12.7	12.4	12.1	11.6	10.8	9.6	8.6	7.7	6.9
75°	26.1	22.1	19.4	19.1	18.7	18.1	17.2	15.7	14.1	12.4	10.9
72.5°	38.3	31.1	27.1	26.7	26.2	25.6	24.8	23.5	21.5	18.9	16.4
70°	51.1	40.6	35.8	35.3	34.7	33.9	33.0	32.0	30.9	29.0	25.3
67.5°	61.1	49.9	45.9	45.2	44.7	43.7	41.8	40.1	38.7	37.2	33.4
65°	70.3	60.8	58.9	58.5	57.5	55.7	51.3	48.1	45.8	43.7	39.8
62.5°	81.6	73.8	73.7	73.0	71.9	69.2	63.5	58.3	53.5	49.4	46.0
60°	94.0	87.7	87.5	86.9	86.0	82.8	76.6	69.9	62.8	58.1	53.5
57.5°	109.2	103.7	102.6	101.1	99.2	94.3	88.6	82.5	75.3	68.7	62.3
55°	129.4	124.0	120.9	117.5	113.8	107.1	100.0	93.0	86.6	80.8	73.4
52.5°	155.3	149.5	143.7	137.2	130.5	121.5	112.5	104.6	97.3	90.8	84.1
50°	189.5	181.2	172.0	162.6	151.6	138.6	127.4	117.3	109.1	101.4	93.7
47.5°	233.4	220.4	206.1	193.3	177.7	161.0	146.3	132.0	122.6	112.5	103.9
45°	265.0	257.5	248.0	229.8	209.0	189.9	169.5	153.1	138.1	126.1	114.1
42.5°	286.8	281.3	273.6	261.9	246.5	222.9	199.2	177.6	158.1	141.4	126.2
40°	306.7	298.1	291.2	283.1	270.5	256.0	232.1	205.1	181.5	159.8	138.4
37.5°	330.1	317.7	308.5	298.7	288.8	276.0	260.7	236.6	206.5	179.1	153.3
35°	359.4	343.8	329.8	317.2	304.7	291.7	278.3	262.3	234.8	200.2	169.2
32.5°	396.4	377.0	357.8	340.5	321.3	305.5	291.8	277.6	259.2	224.1	188.4
30°	338.9	381.7	390.3	366.2	341.1	319.5	303.5	289.4	272.2	248.3	207.7
27.5°	329.4	326.9	374.2	393.2	362.3	336.0	316.0	299.6	284.3	263.3	229.7
25°	356.4	334.4	330.0	373.3	387.6	354.9	330.9	311.3	293.5	275.7	255.8
22.5°	409.0	364.5	335.9	330.1	383.7	379.4	348.7	323.4	304.2	292.8	273.8
20°	495.3	412.8	361.6	336.5	347.8	402.2	366.9	340.0	322.3	308.7	290.6
17.5°	581.8	488.9	400.5	349.7	337.6	376.1	388.6	360.1	338.1	324.9	307.3
15°	660.5	559.5	460.1	383.6	343.8	350.9	407.6	378.6	352.9	340.0	321.0
12.5°	711.1	621.8	514.4	413.8	354.9	342.0	396.7	395.0	368.5	348.8	329.8
10°	758.3	665.5	560.9	455.6	378.5	347.1	380.5	408.6	381.0	355.9	336.9
7.5°	815.5	691.9	595.4	487.6	394.0	349.2	368.0	421.0	392.4	363.0	342.4
5°	850.9	710.1	616.0	506.2	401.2	349.1	358.6	432.0	402.5	369.9	346.6
2.5°	872.8	720.3	625.9	516.2	403.2	347.3	354.4	442.1	412.5	373.9	347.7
0°	876.0	718.9	631.8	519.9	402.4	343.6	357.2	451.0	421.6	376.4	348.1
-2.5°	872.8	720.3	625.9	516.2	403.2	347.3	354.4	442.1	412.5	373.9	347.7
-5°	850.9	710.1	616.0	506.2	401.2	349.1	358.6	432.0	402.5	369.9	346.6
-7.5°	815.5	691.9	595.4	487.6	394.0	349.2	368.0	421.0	392.4	363.0	342.4
-10°	758.3	665.5	560.9	455.6	378.5	347.1	380.5	408.6	381.0	355.9	336.9
-12.5°	711.1	621.8	514.4	413.8	354.9	342.0	396.7	395.0	368.5	348.8	329.8
-15°	660.5	559.5	460.1	383.6	343.8	350.9	407.6	378.6	352.9	340.0	321.0
-17.5°	581.8	488.9	400.5	349.7	337.6	376.1	388.6	360.1	338.1	324.9	307.3
-20°	495.3	412.8	361.6	336.5	347.8	402.2	366.9	340.0	322.3	308.7	290.6



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	409.0	364.5	335.9	330.1	383.7	379.4	348.7	323.4	304.2	292.8	273.8
-25°	356.4	334.4	330.0	373.3	387.6	354.9	330.9	311.3	293.5	275.7	255.8
-27.5°	329.4	326.9	374.2	393.2	362.3	336.0	316.0	299.6	284.3	263.3	229.7
-30°	338.9	381.7	390.3	366.2	341.1	319.5	303.5	289.4	272.2	248.3	207.7
-32.5°	396.4	377.0	357.8	340.5	321.3	305.5	291.8	277.6	259.2	224.1	188.4
-35°	359.4	343.8	329.8	317.2	304.7	291.7	278.3	262.3	234.8	200.2	169.2
-37.5°	330.1	317.7	308.5	298.7	288.8	276.0	260.7	236.6	206.5	179.1	153.3
-40°	306.7	298.1	291.2	283.1	270.5	256.0	232.1	205.1	181.5	159.8	138.4
-42.5°	286.8	281.3	273.6	261.9	246.5	222.9	199.2	177.6	158.1	141.4	126.2
-45°	265.0	257.5	248.0	229.8	209.0	189.9	169.5	153.1	138.1	126.1	114.1
-47.5°	233.4	220.4	206.1	193.3	177.7	161.0	146.3	132.0	122.6	112.5	103.9
-50°	189.5	181.2	172.0	162.6	151.6	138.6	127.4	117.3	109.1	101.4	93.7
-52.5°	155.3	149.5	143.7	137.2	130.5	121.5	112.5	104.6	97.3	90.8	84.1
-55°	129.4	124.0	120.9	117.5	113.8	107.1	100.0	93.0	86.6	80.8	73.4
-57.5°	109.2	103.7	102.6	101.1	99.2	94.3	88.6	82.5	75.3	68.7	62.3
-60°	94.0	87.7	87.5	86.9	86.0	82.8	76.6	69.9	62.8	58.1	53.5
-62.5°	81.6	73.8	73.7	73.0	71.9	69.2	63.5	58.3	53.5	49.4	46.0
-65°	70.3	60.8	58.9	58.5	57.5	55.7	51.3	48.1	45.8	43.7	39.8
-67.5°	61.1	49.9	45.9	45.2	44.7	43.7	41.8	40.1	38.7	37.2	33.4
-70°	51.1	40.6	35.8	35.3	34.7	33.9	33.0	32.0	30.9	29.0	25.3
-72.5°	38.3	31.1	27.1	26.7	26.2	25.6	24.8	23.5	21.5	18.9	16.4
-75°	26.1	22.1	19.4	19.1	18.7	18.1	17.2	15.7	14.1	12.4	10.9
-77.5°	16.7	14.4	12.7	12.4	12.1	11.6	10.8	9.6	8.6	7.7	6.9
-80°	9.1	8.1	7.3	7.1	6.9	6.5	6.0	5.4	4.8	4.4	4.1
-82.5°	4.1	4.0	3.9	3.8	3.6	3.5	3.3	3.1	2.9	2.8	2.6
-85°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	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: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	0.7	0.7	0.7	0.6	0.8	0.9	0.9	1.0	0.9	0.8	0.7
85°	1.5	1.4	1.4	1.3	1.5	1.7	1.9	1.9	1.8	1.6	1.4
82.5°	2.4	2.2	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.1
80°	3.8	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	6.3	5.5	4.7	4.2	3.8	3.4	2.9	2.5	2.3	2.3	2.3
75°	9.6	8.8	8.0	6.8	5.5	4.4	3.9	3.5	3.0	2.4	2.3
72.5°	14.9	13.4	11.8	9.9	8.3	6.8	5.4	4.4	4.0	3.3	2.5
70°	21.7	18.6	16.5	14.1	11.5	9.1	7.4	6.2	5.0	4.3	3.5
67.5°	29.4	25.1	21.6	18.2	15.2	12.3	9.6	8.1	6.8	5.3	4.4
65°	35.3	31.0	26.7	22.8	19.1	15.5	12.5	10.3	8.6	7.0	5.3
62.5°	41.5	36.3	31.7	27.3	23.1	19.0	15.4	13.3	10.7	8.7	6.7
60°	48.5	43.2	36.9	31.9	27.1	22.5	18.9	16.3	13.5	10.4	8.2
57.5°	56.9	50.9	43.6	36.9	31.3	26.2	22.6	19.7	16.3	12.8	9.8
55°	66.0	58.9	50.3	42.5	35.7	29.9	26.7	23.3	19.3	15.5	11.4
52.5°	76.4	66.9	57.2	48.2	40.3	34.3	31.3	27.1	22.8	18.1	14.0
50°	86.1	75.4	64.3	54.2	44.8	39.9	36.2	31.6	26.4	20.9	16.7
47.5°	94.1	83.0	71.7	60.2	50.1	45.9	41.8	36.4	30.0	24.2	19.5
45°	102.2	89.9	78.5	66.7	57.2	52.8	48.0	41.3	34.5	28.0	22.4
42.5°	110.4	97.2	84.5	72.7	65.3	59.7	54.5	47.2	39.1	32.1	25.7
40°	120.7	104.6	90.4	80.0	73.3	66.6	60.8	53.3	43.9	36.5	29.3
37.5°	130.7	112.9	97.0	87.8	80.9	73.7	67.0	59.7	49.9	41.6	33.1
35°	143.6	121.8	106.3	95.9	87.8	80.5	73.0	65.9	56.9	46.7	36.8
32.5°	156.1	132.8	117.0	104.2	94.4	87.0	79.0	73.7	64.2	51.9	40.7
30°	172.8	147.6	127.4	112.0	101.0	92.8	86.4	82.4	71.7	57.1	44.6
27.5°	193.5	162.1	138.1	120.8	107.8	98.6	96.3	92.1	79.5	62.7	48.9
25°	214.6	179.3	151.0	129.6	114.3	108.4	106.1	102.5	87.5	69.1	53.2
22.5°	237.8	196.8	163.4	137.9	125.2	117.8	115.4	111.3	96.0	75.4	57.3
20°	260.3	213.3	176.2	151.7	137.0	128.0	124.1	120.0	104.8	81.7	61.4
17.5°	280.7	231.9	194.2	166.9	149.0	137.9	132.6	128.5	113.9	87.9	65.3
15°	294.4	251.8	210.9	181.0	160.5	147.6	140.7	136.9	123.0	94.0	68.1
12.5°	306.0	269.2	226.1	194.2	171.5	157.0	148.6	145.0	132.2	97.9	69.6
10°	315.7	284.2	239.6	206.4	182.0	166.1	156.3	150.8	135.7	99.9	70.9
7.5°	323.7	296.9	251.5	217.6	190.6	170.7	157.4	151.8	137.9	101.4	71.9
5°	329.3	304.4	257.2	220.5	191.3	170.3	157.5	152.7	139.3	102.4	72.8
2.5°	330.1	305.1	258.6	221.5	191.4	169.5	157.3	153.3	140.1	102.9	73.3
0°	330.1	304.1	258.8	221.5	191.0	168.4	157.1	153.7	140.2	102.9	73.5
-2.5°	330.1	305.1	258.6	221.5	191.4	169.5	157.3	153.3	140.1	102.9	73.3
-5°	329.3	304.4	257.2	220.5	191.3	170.3	157.5	152.7	139.3	102.4	72.8
-7.5°	323.7	296.9	251.5	217.6	190.6	170.7	157.4	151.8	137.9	101.4	71.9
-10°	315.7	284.2	239.6	206.4	182.0	166.1	156.3	150.8	135.7	99.9	70.9
-12.5°	306.0	269.2	226.1	194.2	171.5	157.0	148.6	145.0	132.2	97.9	69.6
-15°	294.4	251.8	210.9	181.0	160.5	147.6	140.7	136.9	123.0	94.0	68.1
-17.5°	280.7	231.9	194.2	166.9	149.0	137.9	132.6	128.5	113.9	87.9	65.3
-20°	260.3	213.3	176.2	151.7	137.0	128.0	124.1	120.0	104.8	81.7	61.4



REPORT NUMBER: P558737 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-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°	237.8	196.8	163.4	137.9	125.2	117.8	115.4	111.3	96.0	75.4	57.3
-25°	214.6	179.3	151.0	129.6	114.3	108.4	106.1	102.5	87.5	69.1	53.2
-27.5°	193.5	162.1	138.1	120.8	107.8	98.6	96.3	92.1	79.5	62.7	48.9
-30°	172.8	147.6	127.4	112.0	101.0	92.8	86.4	82.4	71.7	57.1	44.6
-32.5°	156.1	132.8	117.0	104.2	94.4	87.0	79.0	73.7	64.2	51.9	40.7
-35°	143.6	121.8	106.3	95.9	87.8	80.5	73.0	65.9	56.9	46.7	36.8
-37.5°	130.7	112.9	97.0	87.8	80.9	73.7	67.0	59.7	49.9	41.6	33.1
-40°	120.7	104.6	90.4	80.0	73.3	66.6	60.8	53.3	43.9	36.5	29.3
-42.5°	110.4	97.2	84.5	72.7	65.3	59.7	54.5	47.2	39.1	32.1	25.7
-45°	102.2	89.9	78.5	66.7	57.2	52.8	48.0	41.3	34.5	28.0	22.4
-47.5°	94.1	83.0	71.7	60.2	50.1	45.9	41.8	36.4	30.0	24.2	19.5
-50°	86.1	75.4	64.3	54.2	44.8	39.9	36.2	31.6	26.4	20.9	16.7
-52.5°	76.4	66.9	57.2	48.2	40.3	34.3	31.3	27.1	22.8	18.1	14.0
-55°	66.0	58.9	50.3	42.5	35.7	29.9	26.7	23.3	19.3	15.5	11.4
-57.5°	56.9	50.9	43.6	36.9	31.3	26.2	22.6	19.7	16.3	12.8	9.8
-60°	48.5	43.2	36.9	31.9	27.1	22.5	18.9	16.3	13.5	10.4	8.2
-62.5°	41.5	36.3	31.7	27.3	23.1	19.0	15.4	13.3	10.7	8.7	6.7
-65°	35.3	31.0	26.7	22.8	19.1	15.5	12.5	10.3	8.6	7.0	5.3
-67.5°	29.4	25.1	21.6	18.2	15.2	12.3	9.6	8.1	6.8	5.3	4.4
-70°	21.7	18.6	16.5	14.1	11.5	9.1	7.4	6.2	5.0	4.3	3.5
-72.5°	14.9	13.4	11.8	9.9	8.3	6.8	5.4	4.4	4.0	3.3	2.5
-75°	9.6	8.8	8.0	6.8	5.5	4.4	3.9	3.5	3.0	2.4	2.3
-77.5°	6.3	5.5	4.7	4.2	3.8	3.4	2.9	2.5	2.3	2.3	2.3
-80°	3.8	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3
-82.5°	2.4	2.2	2.1	2.0	2.0	2.0	2.1	2.3	2.3	2.3	2.1
-85°	1.5	1.4	1.4	1.3	1.5	1.7	1.9	1.9	1.8	1.6	1.4
-87.5°	0.7	0.7	0.7	0.6	0.8	0.9	0.9	1.0	0.9	0.8	0.7
-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
80°	2.3	2.0	1.6	1.2	0.8	0.4	0.0
77.5°	2.3	2.3	2.0	1.5	1.0	0.5	0.0
75°	2.3	2.3	2.3	1.8	1.2	0.6	0.0
72.5°	2.3	2.3	2.3	2.1	1.4	0.7	0.0
70°	2.4	2.3	2.3	2.3	1.6	0.8	0.0
67.5°	3.3	2.3	2.3	2.3	1.8	0.9	0.0
65°	4.1	2.7	2.3	2.3	1.9	1.0	0.0
62.5°	5.0	3.4	2.3	2.3	2.1	1.1	0.0
60°	5.8	4.2	2.3	2.3	2.3	1.1	0.0
57.5°	7.3	4.9	2.9	2.3	2.3	1.2	0.0
55°	8.8	5.6	3.5	2.3	2.3	1.3	0.0
52.5°	10.4	6.5	4.1	2.3	2.3	1.4	0.0
50°	12.0	7.9	4.7	2.3	2.4	1.5	0.0
47.5°	13.8	9.3	5.2	2.4	2.4	1.6	0.0
45°	16.3	10.8	5.8	2.8	2.4	1.6	0.0
42.5°	18.9	12.2	6.4	3.2	2.5	1.7	0.0
40°	21.5	13.6	7.2	3.6	2.5	1.8	0.0
37.5°	24.1	15.1	8.3	4.0	2.6	1.8	0.0
35°	26.8	16.9	9.4	4.4	2.6	1.9	0.0
32.5°	29.5	19.0	10.4	4.7	2.6	1.9	0.0
30°	32.6	21.0	11.5	4.9	2.7	2.0	0.0
27.5°	35.7	23.0	12.1	5.2	2.8	2.0	0.0
25°	38.7	25.0	12.7	5.4	2.8	2.1	0.0
22.5°	41.6	26.5	13.1	5.5	2.9	2.1	0.0
20°	44.5	27.1	13.4	5.6	2.9	2.2	0.0
17.5°	46.0	27.4	13.5	5.7	3.0	2.2	0.0
15°	46.5	27.6	13.6	5.8	3.1	2.2	0.0
12.5°	46.9	27.5	13.6	5.8	3.1	2.2	0.0
10°	47.0	27.3	13.5	5.9	3.2	2.3	0.0
7.5°	46.9	26.9	13.3	5.8	3.2	2.3	0.0
5°	46.6	26.4	13.1	5.8	3.3	2.3	0.0
2.5°	46.0	25.7	12.8	5.8	3.3	2.3	0.0
0°	45.2	24.9	12.4	5.7	3.4	2.3	0.0
-2.5°	46.0	25.7	12.8	5.8	3.3	2.3	0.0
-5°	46.6	26.4	13.1	5.8	3.3	2.3	0.0
-7.5°	46.9	26.9	13.3	5.8	3.2	2.3	0.0
-10°	47.0	27.3	13.5	5.9	3.2	2.3	0.0
-12.5°	46.9	27.5	13.6	5.8	3.1	2.2	0.0
-15°	46.5	27.6	13.6	5.8	3.1	2.2	0.0
-17.5°	46.0	27.4	13.5	5.7	3.0	2.2	0.0
-20°	44.5	27.1	13.4	5.6	2.9	2.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.6	26.5	13.1	5.5	2.9	2.1	0.0
-25°	38.7	25.0	12.7	5.4	2.8	2.1	0.0
-27.5°	35.7	23.0	12.1	5.2	2.8	2.0	0.0
-30°	32.6	21.0	11.5	4.9	2.7	2.0	0.0
-32.5°	29.5	19.0	10.4	4.7	2.6	1.9	0.0
-35°	26.8	16.9	9.4	4.4	2.6	1.9	0.0
-37.5°	24.1	15.1	8.3	4.0	2.6	1.8	0.0
-40°	21.5	13.6	7.2	3.6	2.5	1.8	0.0
-42.5°	18.9	12.2	6.4	3.2	2.5	1.7	0.0
-45°	16.3	10.8	5.8	2.8	2.4	1.6	0.0
-47.5°	13.8	9.3	5.2	2.4	2.4	1.6	0.0
-50°	12.0	7.9	4.7	2.3	2.4	1.5	0.0
-52.5°	10.4	6.5	4.1	2.3	2.3	1.4	0.0
-55°	8.8	5.6	3.5	2.3	2.3	1.3	0.0
-57.5°	7.3	4.9	2.9	2.3	2.3	1.2	0.0
-60°	5.8	4.2	2.3	2.3	2.3	1.1	0.0
-62.5°	5.0	3.4	2.3	2.3	2.1	1.1	0.0
-65°	4.1	2.7	2.3	2.3	1.9	1.0	0.0
-67.5°	3.3	2.3	2.3	2.3	1.8	0.9	0.0
-70°	2.4	2.3	2.3	2.3	1.6	0.8	0.0
-72.5°	2.3	2.3	2.3	2.1	1.4	0.7	0.0
-75°	2.3	2.3	2.3	1.8	1.2	0.6	0.0
-77.5°	2.3	2.3	2.0	1.5	1.0	0.5	0.0
-80°	2.3	2.0	1.6	1.2	0.8	0.4	0.0
-82.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)