

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: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558777 (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-SA3B-940-U-TSB-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

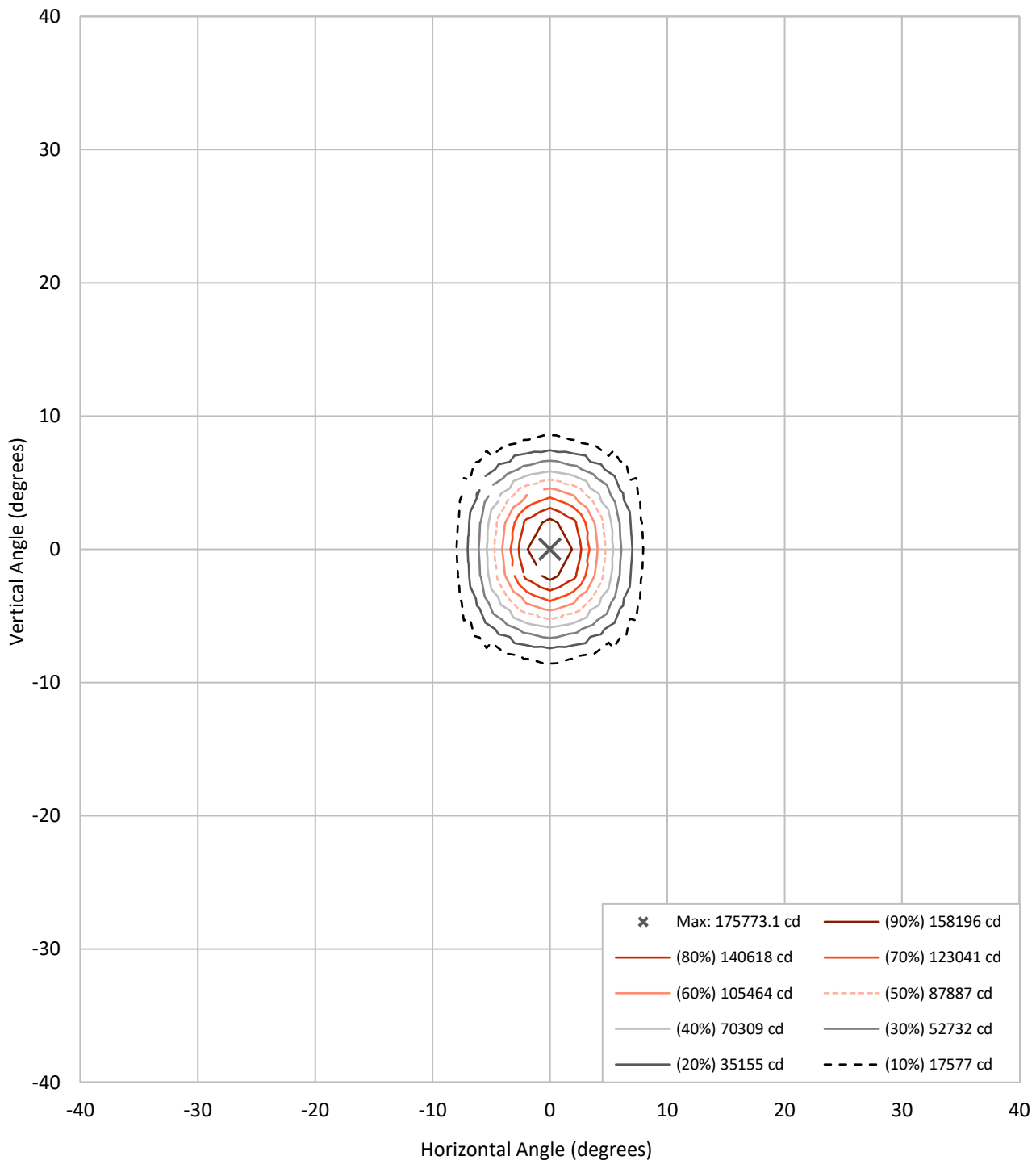
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6845 lumens	Max Intensity:	175773.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2933.9 lumens	Field Lumens:	5056.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 91  
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





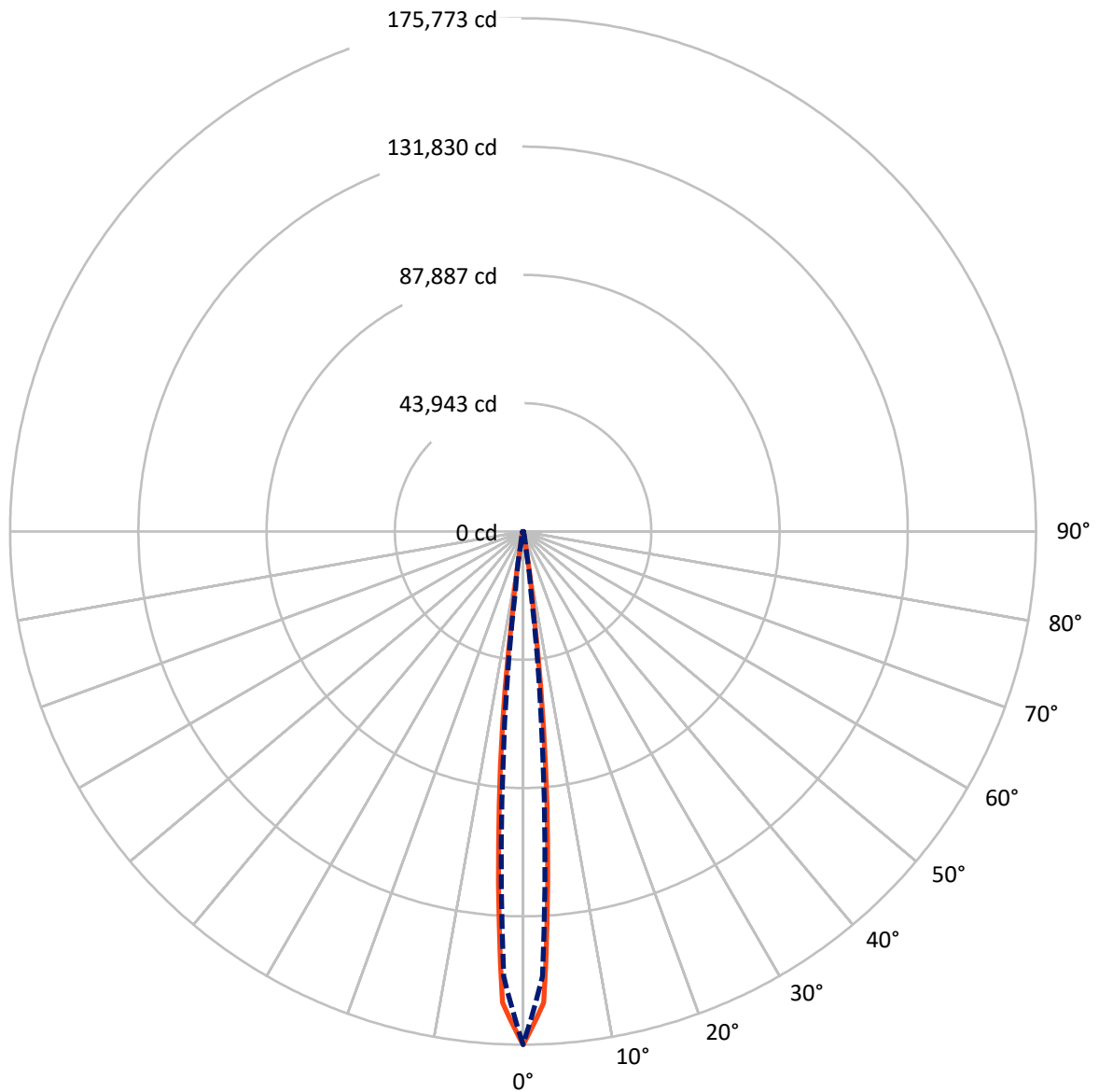
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### Lumen Table

90	0.0	0.2		0.7		1.7		2.8		1.7		0.7		0.2		0.0			
80	0.0	0.2		0.7		1.7		2.8		1.7		0.7		0.2		0.0			
70	0.1	0.1	0.4	0.8	1.2	1.5	2.4	4.3	4.3	2.4	1.5	1.2	0.8	0.4	0.1	0.1			
60		0.3	0.7	1.4	2.2	3.0	4.1	5.5	5.5	4.1	3.0	2.2	1.4	0.7	0.3				
50	0.3	0.5	1.1	2.2	3.9	5.8	7.4	8.9	8.9	7.4	5.8	3.9	2.2	1.1	0.5	0.3			
40		0.8	1.5	3.3	6.0	8.1	9.2	9.7	9.7	9.2	8.1	6.0	3.3	1.5	0.8				
30	0.7	1.1	2.1	4.7	7.4	8.8	12.0	15.8	15.8	12.0	8.8	7.4	4.7	2.1	1.1	0.7			
20		1.5	2.9	6.0	8.2	11.6	23.5	47.0	47.0	23.5	11.6	8.2	6.0	2.9	1.5				
10	0.8	1.7	3.5	6.6	8.5	14.9	46.5	1375.3	1375.3	46.5	14.9	8.5	6.6	3.5	1.7	0.8			
0		1.7	3.5	6.6	8.5	14.9	46.5	1375.3	1375.3	46.5	14.9	8.5	6.6	3.5	1.7				
-10	0.7	1.5	2.9	6.0	8.2	11.6	23.5	47.0	47.0	23.5	11.6	8.2	6.0	2.9	1.5	0.7			
-20		1.1	2.1	4.7	7.4	8.8	12.0	15.8	15.8	12.0	8.8	7.4	4.7	2.1	1.1				
-30	0.3	0.8	1.5	3.3	6.0	8.1	9.2	9.7	9.7	9.2	8.1	6.0	3.3	1.5	0.8	0.3			
-40		0.5	1.1	2.2	3.9	5.8	7.4	8.9	8.9	7.4	5.8	3.9	2.2	1.1	0.5				
-50	0.1	0.3	0.7	1.4	2.2	3.0	4.1	5.5	5.5	4.1	3.0	2.2	1.4	0.7	0.3	0.1			
-60		0.1	0.4	0.8	1.2	1.5	2.4	4.3	4.3	2.4	1.5	1.2	0.8	0.4	0.1				
-70	0.0	0.2		0.7		1.7		2.8		1.7		0.7		0.2		0.0			
-80		0.2		0.7		1.7		2.8		1.7		0.7		0.2					
-90	0.0	0.2		0.7		1.7		2.8		1.7		0.7		0.2		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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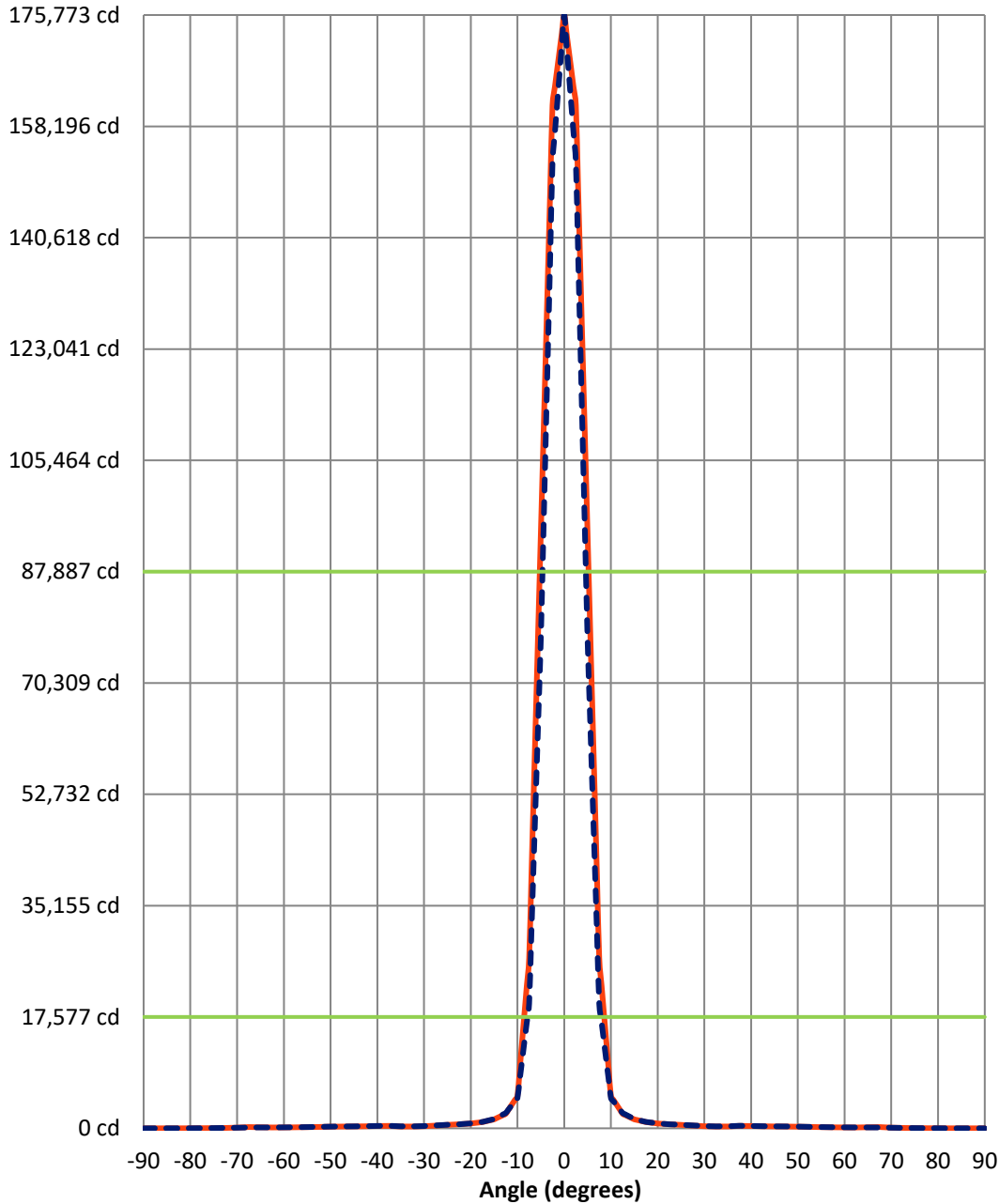
### Luminous Intensity Polar Plot



— 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: 2933.9  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 5056.5  
Efficiency: 73.9%

**Spill:**  
Lumens: 1788.5  
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	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.6	3.1
72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.2	2.9	3.5	3.9
70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	3.0	3.8	4.4	5.5
67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.9	3.8	4.7	6.0	7.2
65°	0.0	0.8	1.7	2.0	2.0	2.3	3.6	4.7	6.2	7.7	9.2
62.5°	0.0	0.9	1.8	2.0	2.0	3.0	4.4	5.9	7.7	9.5	11.8
60°	0.0	1.0	2.0	2.0	2.0	3.7	5.1	7.3	9.2	12.0	14.4
57.5°	0.0	1.1	2.0	2.0	2.5	4.3	6.4	8.6	11.4	14.5	17.4
55°	0.0	1.1	2.0	2.0	3.1	5.0	7.8	10.1	13.7	17.1	20.7
52.5°	0.0	1.2	2.0	2.0	3.6	5.7	9.2	12.4	16.1	20.2	24.0
50°	0.0	1.3	2.1	2.0	4.1	7.0	10.6	14.8	18.6	23.4	28.0
47.5°	0.0	1.4	2.1	2.1	4.6	8.2	12.2	17.3	21.4	26.5	32.2
45°	0.0	1.4	2.1	2.5	5.1	9.5	14.4	19.8	24.8	30.5	36.6
42.5°	0.0	1.5	2.2	2.8	5.6	10.8	16.7	22.8	28.4	34.6	41.8
40°	0.0	1.5	2.2	3.2	6.3	12.0	19.0	26.0	32.4	38.9	47.2
37.5°	0.0	1.6	2.2	3.5	7.3	13.3	21.3	29.3	36.8	44.2	52.9
35°	0.0	1.6	2.3	3.8	8.3	15.0	23.7	32.6	41.4	50.4	58.3
32.5°	0.0	1.7	2.3	4.1	9.2	16.8	26.1	36.0	45.9	56.8	65.2
30°	0.0	1.7	2.4	4.3	10.1	18.6	28.9	39.5	50.5	63.5	72.9
27.5°	0.0	1.8	2.4	4.5	10.7	20.3	31.5	43.3	55.5	70.3	81.5
25°	0.0	1.8	2.5	4.7	11.2	22.1	34.2	47.0	61.1	77.4	90.7
22.5°	0.0	1.8	2.5	4.9	11.5	23.4	36.8	50.7	66.7	84.9	98.5
20°	0.0	1.9	2.6	5.0	11.8	23.9	39.4	54.3	72.3	92.7	106.1
17.5°	0.0	1.9	2.6	5.0	12.0	24.2	40.7	57.7	77.8	100.7	113.7
15°	0.0	1.9	2.7	5.1	12.0	24.4	41.2	60.2	83.1	108.8	121.1
12.5°	0.0	2.0	2.7	5.1	12.0	24.3	41.5	61.5	86.6	117.0	128.3
10°	0.0	2.0	2.8	5.1	12.0	24.1	41.6	62.7	88.3	120.1	133.4
7.5°	0.0	2.0	2.9	5.1	11.8	23.8	41.5	63.6	89.7	121.9	134.3
5°	0.0	2.0	2.9	5.1	11.6	23.3	41.2	64.4	90.5	123.2	135.1
2.5°	0.0	2.0	3.0	5.1	11.3	22.7	40.7	64.8	91.0	123.9	135.6
0°	0.0	2.0	3.0	5.0	11.0	22.0	40.0	65.0	91.0	124.0	136.0
-2.5°	0.0	2.0	3.0	5.1	11.3	22.7	40.7	64.8	91.0	123.9	135.6
-5°	0.0	2.0	2.9	5.1	11.6	23.3	41.2	64.4	90.5	123.2	135.1
-7.5°	0.0	2.0	2.9	5.1	11.8	23.8	41.5	63.6	89.7	121.9	134.3
-10°	0.0	2.0	2.8	5.1	12.0	24.1	41.6	62.7	88.3	120.1	133.4
-12.5°	0.0	2.0	2.7	5.1	12.0	24.3	41.5	61.5	86.6	117.0	128.3
-15°	0.0	1.9	2.7	5.1	12.0	24.4	41.2	60.2	83.1	108.8	121.1
-17.5°	0.0	1.9	2.6	5.0	12.0	24.2	40.7	57.7	77.8	100.7	113.7
-20°	0.0	1.9	2.6	5.0	11.8	23.9	39.4	54.3	72.3	92.7	106.1



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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	1.8	2.5	4.9	11.5	23.4	36.8	50.7	66.7	84.9	98.5
-25°	0.0	1.8	2.5	4.7	11.2	22.1	34.2	47.0	61.1	77.4	90.7
-27.5°	0.0	1.8	2.4	4.5	10.7	20.3	31.5	43.3	55.5	70.3	81.5
-30°	0.0	1.7	2.4	4.3	10.1	18.6	28.9	39.5	50.5	63.5	72.9
-32.5°	0.0	1.7	2.3	4.1	9.2	16.8	26.1	36.0	45.9	56.8	65.2
-35°	0.0	1.6	2.3	3.8	8.3	15.0	23.7	32.6	41.4	50.4	58.3
-37.5°	0.0	1.6	2.2	3.5	7.3	13.3	21.3	29.3	36.8	44.2	52.9
-40°	0.0	1.5	2.2	3.2	6.3	12.0	19.0	26.0	32.4	38.9	47.2
-42.5°	0.0	1.5	2.2	2.8	5.6	10.8	16.7	22.8	28.4	34.6	41.8
-45°	0.0	1.4	2.1	2.5	5.1	9.5	14.4	19.8	24.8	30.5	36.6
-47.5°	0.0	1.4	2.1	2.1	4.6	8.2	12.2	17.3	21.4	26.5	32.2
-50°	0.0	1.3	2.1	2.0	4.1	7.0	10.6	14.8	18.6	23.4	28.0
-52.5°	0.0	1.2	2.0	2.0	3.6	5.7	9.2	12.4	16.1	20.2	24.0
-55°	0.0	1.1	2.0	2.0	3.1	5.0	7.8	10.1	13.7	17.1	20.7
-57.5°	0.0	1.1	2.0	2.0	2.5	4.3	6.4	8.6	11.4	14.5	17.4
-60°	0.0	1.0	2.0	2.0	2.0	3.7	5.1	7.3	9.2	12.0	14.4
-62.5°	0.0	0.9	1.8	2.0	2.0	3.0	4.4	5.9	7.7	9.5	11.8
-65°	0.0	0.8	1.7	2.0	2.0	2.3	3.6	4.7	6.2	7.7	9.2
-67.5°	0.0	0.8	1.5	2.0	2.0	2.0	2.9	3.8	4.7	6.0	7.2
-70°	0.0	0.7	1.4	2.0	2.0	2.0	2.1	3.0	3.8	4.4	5.5
-72.5°	0.0	0.6	1.2	1.8	2.0	2.0	2.0	2.2	2.9	3.5	3.9
-75°	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.1	2.6	3.1
-77.5°	0.0	0.4	0.9	1.3	1.7	2.0	2.0	2.0	2.0	2.0	2.2
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.0	2.0	2.0	2.0
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.0	2.0
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	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





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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°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	1.6	1.5	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
82.5°	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.2	2.4	2.6	2.8
80°	2.0	2.0	2.3	2.6	2.9	3.1	3.4	3.6	3.9	4.3	4.8
77.5°	2.6	3.0	3.3	3.7	4.1	4.9	5.6	6.1	6.8	7.6	8.5
75°	3.5	3.9	4.9	6.0	7.0	7.8	8.5	9.6	11.0	12.4	13.8
72.5°	4.8	6.0	7.3	8.7	10.4	11.8	13.2	14.5	16.7	19.0	20.8
70°	6.6	8.1	10.1	12.4	14.6	16.4	19.2	22.4	25.7	27.4	28.4
67.5°	8.5	10.9	13.4	16.1	19.1	22.3	26.0	29.5	32.9	34.3	35.5
65°	11.0	13.8	16.9	20.2	23.7	27.4	31.3	35.2	38.7	40.5	42.5
62.5°	13.6	16.9	20.4	24.2	28.0	32.1	36.7	40.7	43.7	47.3	51.5
60°	16.7	20.0	24.0	28.2	32.6	38.2	42.9	47.3	51.4	55.5	61.8
57.5°	20.0	23.2	27.7	32.6	38.6	45.1	50.4	55.2	60.8	66.6	73.0
55°	23.6	26.4	31.5	37.6	44.5	52.2	58.4	64.9	71.4	76.6	82.3
52.5°	27.7	30.3	35.6	42.6	50.7	59.2	67.6	74.4	80.4	86.1	92.6
50°	32.0	35.3	39.6	48.0	56.9	66.7	76.1	82.9	89.8	96.5	103.8
47.5°	37.0	40.6	44.3	53.3	63.5	73.4	83.2	91.9	99.5	108.5	116.8
45°	42.4	46.7	50.6	59.0	69.4	79.6	90.4	100.9	111.5	122.2	135.5
42.5°	48.2	52.8	57.8	64.3	74.8	86.0	97.6	111.6	125.1	139.8	157.1
40°	53.8	58.9	64.9	70.8	80.0	92.5	106.7	122.4	141.4	160.5	181.4
37.5°	59.2	65.2	71.6	77.7	85.9	99.9	115.6	135.6	158.5	182.7	209.3
35°	64.6	71.2	77.7	84.9	94.1	107.7	127.1	149.7	177.1	207.7	232.1
32.5°	69.8	76.9	83.5	92.2	103.5	117.5	138.1	166.7	198.3	229.3	245.6
30°	76.4	82.1	89.3	99.1	112.7	130.6	152.9	183.7	219.7	240.8	256.0
27.5°	85.2	87.2	95.4	106.9	122.2	143.4	171.2	203.2	232.9	251.5	265.1
25°	93.8	95.9	101.1	114.6	133.6	158.6	189.8	226.3	244.0	259.6	275.4
22.5°	102.0	104.3	110.8	122.0	144.6	174.1	210.4	242.3	259.1	269.1	286.1
20°	109.8	113.2	121.3	134.2	155.9	188.7	230.3	257.1	273.1	285.1	300.8
17.5°	117.3	122.0	131.9	147.6	171.8	205.2	248.4	271.9	287.5	299.1	318.5
15°	124.5	130.6	142.0	160.1	186.6	222.8	260.5	284.0	300.8	312.2	334.9
12.5°	131.5	138.9	151.8	171.8	200.0	238.2	270.7	291.8	308.6	326.0	349.5
10°	138.3	147.0	161.1	182.6	211.9	251.4	279.3	298.1	314.8	337.1	361.5
7.5°	139.3	151.0	168.6	192.5	222.5	262.6	286.4	303.0	321.2	347.2	372.4
5°	139.3	150.7	169.2	195.1	227.6	269.2	291.3	306.7	327.3	356.1	382.1
2.5°	139.2	150.0	169.4	195.9	228.8	269.9	292.0	307.7	330.8	365.0	391.1
0°	139.0	149.0	169.0	196.0	229.0	269.0	292.0	308.0	333.0	373.0	399.0
-2.5°	139.2	150.0	169.4	195.9	228.8	269.9	292.0	307.7	330.8	365.0	391.1
-5°	139.3	150.7	169.2	195.1	227.6	269.2	291.3	306.7	327.3	356.1	382.1
-7.5°	139.3	151.0	168.6	192.5	222.5	262.6	286.4	303.0	321.2	347.2	372.4
-10°	138.3	147.0	161.1	182.6	211.9	251.4	279.3	298.1	314.8	337.1	361.5
-12.5°	131.5	138.9	151.8	171.8	200.0	238.2	270.7	291.8	308.6	326.0	349.5
-15°	124.5	130.6	142.0	160.1	186.6	222.8	260.5	284.0	300.8	312.2	334.9
-17.5°	117.3	122.0	131.9	147.6	171.8	205.2	248.4	271.9	287.5	299.1	318.5
-20°	109.8	113.2	121.3	134.2	155.9	188.7	230.3	257.1	273.1	285.1	300.8



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	102.0	104.3	110.8	122.0	144.6	174.1	210.4	242.3	259.1	269.1	286.1
-25°	93.8	95.9	101.1	114.6	133.6	158.6	189.8	226.3	244.0	259.6	275.4
-27.5°	85.2	87.2	95.4	106.9	122.2	143.4	171.2	203.2	232.9	251.5	265.1
-30°	76.4	82.1	89.3	99.1	112.7	130.6	152.9	183.7	219.7	240.8	256.0
-32.5°	69.8	76.9	83.5	92.2	103.5	117.5	138.1	166.7	198.3	229.3	245.6
-35°	64.6	71.2	77.7	84.9	94.1	107.7	127.1	149.7	177.1	207.7	232.1
-37.5°	59.2	65.2	71.6	77.7	85.9	99.9	115.6	135.6	158.5	182.7	209.3
-40°	53.8	58.9	64.9	70.8	80.0	92.5	106.7	122.4	141.4	160.5	181.4
-42.5°	48.2	52.8	57.8	64.3	74.8	86.0	97.6	111.6	125.1	139.8	157.1
-45°	42.4	46.7	50.6	59.0	69.4	79.6	90.4	100.9	111.5	122.2	135.5
-47.5°	37.0	40.6	44.3	53.3	63.5	73.4	83.2	91.9	99.5	108.5	116.8
-50°	32.0	35.3	39.6	48.0	56.9	66.7	76.1	82.9	89.8	96.5	103.8
-52.5°	27.7	30.3	35.6	42.6	50.7	59.2	67.6	74.4	80.4	86.1	92.6
-55°	23.6	26.4	31.5	37.6	44.5	52.2	58.4	64.9	71.4	76.6	82.3
-57.5°	20.0	23.2	27.7	32.6	38.6	45.1	50.4	55.2	60.8	66.6	73.0
-60°	16.7	20.0	24.0	28.2	32.6	38.2	42.9	47.3	51.4	55.5	61.8
-62.5°	13.6	16.9	20.4	24.2	28.0	32.1	36.7	40.7	43.7	47.3	51.5
-65°	11.0	13.8	16.9	20.2	23.7	27.4	31.3	35.2	38.7	40.5	42.5
-67.5°	8.5	10.9	13.4	16.1	19.1	22.3	26.0	29.5	32.9	34.3	35.5
-70°	6.6	8.1	10.1	12.4	14.6	16.4	19.2	22.4	25.7	27.4	28.4
-72.5°	4.8	6.0	7.3	8.7	10.4	11.8	13.2	14.5	16.7	19.0	20.8
-75°	3.5	3.9	4.9	6.0	7.0	7.8	8.5	9.6	11.0	12.4	13.8
-77.5°	2.6	3.0	3.3	3.7	4.1	4.9	5.6	6.1	6.8	7.6	8.5
-80°	2.0	2.0	2.3	2.6	2.9	3.1	3.4	3.6	3.9	4.3	4.8
-82.5°	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.2	2.4	2.6	2.8
-85°	1.6	1.5	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-87.5°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	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: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
82.5°	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9
80°	5.3	5.8	6.1	6.3	6.5	7.2	8.1	9.0	10.0	10.3	10.6
77.5°	9.5	10.2	10.7	11.0	11.2	12.8	14.8	16.9	19.1	20.2	21.1
75°	15.2	16.0	16.5	16.9	17.2	19.6	23.1	26.8	30.7	32.7	34.1
72.5°	22.0	22.7	23.2	23.7	24.0	27.5	33.9	40.9	48.3	52.8	56.1
70°	29.2	30.0	30.7	31.2	31.6	35.9	45.2	54.9	64.9	75.0	85.7
67.5°	37.0	38.6	39.5	40.0	40.5	44.1	54.1	63.2	71.6	89.8	118.4
65°	45.4	49.3	50.9	51.8	52.1	53.8	62.2	69.9	76.7	90.9	112.7
62.5°	56.2	61.3	63.6	64.6	65.2	65.3	72.3	78.7	84.5	93.4	107.3
60°	67.8	73.2	76.1	76.9	77.4	77.6	83.1	89.5	95.3	102.5	115.5
57.5°	78.4	83.5	87.8	89.5	90.8	91.7	96.6	104.0	111.0	118.2	132.1
55°	88.5	94.7	100.7	103.9	107.0	109.7	114.5	123.8	132.8	141.2	155.7
52.5°	99.5	107.5	115.4	121.3	127.1	132.2	137.4	149.5	161.5	172.7	186.8
50°	112.7	122.6	134.1	143.8	152.1	160.3	167.7	182.1	198.2	213.6	228.4
47.5°	129.4	142.4	157.1	171.0	182.3	195.0	206.5	221.3	235.6	249.9	262.1
45°	149.9	168.0	184.9	203.3	219.4	227.8	234.5	243.7	258.4	272.4	283.8
42.5°	176.2	197.1	218.0	231.7	242.0	248.9	253.7	258.6	274.0	287.5	298.6
40°	205.4	226.4	239.3	250.5	257.7	263.8	271.4	278.9	291.0	304.9	317.1
37.5°	230.7	244.2	255.5	264.3	273.0	281.0	292.0	302.8	314.4	329.9	341.3
35°	246.3	258.1	269.6	280.6	291.7	304.2	317.9	333.8	347.9	335.1	316.6
32.5°	258.1	270.3	284.2	301.2	316.5	333.5	350.7	323.1	294.7	283.7	285.9
30°	268.5	282.6	301.8	324.0	345.2	337.6	299.9	286.7	290.6	298.3	313.3
27.5°	279.6	297.2	320.5	347.8	331.0	289.2	291.4	299.1	325.0	347.0	380.3
25°	292.7	314.0	342.9	330.3	291.9	295.9	315.3	344.5	393.8	439.9	480.1
22.5°	308.5	335.6	339.4	292.0	297.2	322.5	361.8	425.2	485.1	540.7	582.2
20°	324.6	355.8	307.7	297.7	319.9	365.2	438.2	510.9	577.8	627.6	669.1
17.5°	343.8	332.7	298.7	309.4	354.4	432.5	514.7	591.8	654.9	740.8	814.0
15°	360.6	310.5	304.2	339.4	407.1	495.0	584.3	653.6	767.5	890.6	1015.3
12.5°	351.0	302.6	313.9	366.1	455.1	550.2	629.1	738.7	889.4	1069.4	1339.8
10°	336.7	307.0	334.8	403.1	496.2	588.8	670.8	814.4	1013.4	1343.9	1769.8
7.5°	325.6	308.9	348.6	431.4	526.8	612.2	721.5	895.6	1173.0	1626.5	2533.1
5°	317.2	308.9	354.9	447.9	544.9	628.3	752.8	954.7	1329.4	1975.5	3524.7
2.5°	313.5	307.2	356.7	456.7	553.8	637.3	772.2	997.1	1428.1	2299.7	4634.7
0°	316.0	304.0	356.0	460.0	559.0	636.0	775.0	1009.9	1457.9	2419.4	4783.7
-2.5°	313.5	307.2	356.7	456.7	553.8	637.3	772.2	997.1	1428.1	2299.7	4634.7
-5°	317.2	308.9	354.9	447.9	544.9	628.3	752.8	954.7	1329.4	1975.5	3524.7
-7.5°	325.6	308.9	348.6	431.4	526.8	612.2	721.5	895.6	1173.0	1626.5	2533.1
-10°	336.7	307.0	334.8	403.1	496.2	588.8	670.8	814.4	1013.4	1343.9	1769.8
-12.5°	351.0	302.6	313.9	366.1	455.1	550.2	629.1	738.7	889.4	1069.4	1339.8
-15°	360.6	310.5	304.2	339.4	407.1	495.0	584.3	653.6	767.5	890.6	1015.3
-17.5°	343.8	332.7	298.7	309.4	354.4	432.5	514.7	591.8	654.9	740.8	814.0
-20°	324.6	355.8	307.7	297.7	319.9	365.2	438.2	510.9	577.8	627.6	669.1



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	308.5	335.6	339.4	292.0	297.2	322.5	361.8	425.2	485.1	540.7	582.2
-25°	292.7	314.0	342.9	330.3	291.9	295.9	315.3	344.5	393.8	439.9	480.1
-27.5°	279.6	297.2	320.5	347.8	331.0	289.2	291.4	299.1	325.0	347.0	380.3
-30°	268.5	282.6	301.8	324.0	345.2	337.6	299.9	286.7	290.6	298.3	313.3
-32.5°	258.1	270.3	284.2	301.2	316.5	333.5	350.7	323.1	294.7	283.7	285.9
-35°	246.3	258.1	269.6	280.6	291.7	304.2	317.9	333.8	347.9	335.1	316.6
-37.5°	230.7	244.2	255.5	264.3	273.0	281.0	292.0	302.8	314.4	329.9	341.3
-40°	205.4	226.4	239.3	250.5	257.7	263.8	271.4	278.9	291.0	304.9	317.1
-42.5°	176.2	197.1	218.0	231.7	242.0	248.9	253.7	258.6	274.0	287.5	298.6
-45°	149.9	168.0	184.9	203.3	219.4	227.8	234.5	243.7	258.4	272.4	283.8
-47.5°	129.4	142.4	157.1	171.0	182.3	195.0	206.5	221.3	235.6	249.9	262.1
-50°	112.7	122.6	134.1	143.8	152.1	160.3	167.7	182.1	198.2	213.6	228.4
-52.5°	99.5	107.5	115.4	121.3	127.1	132.2	137.4	149.5	161.5	172.7	186.8
-55°	88.5	94.7	100.7	103.9	107.0	109.7	114.5	123.8	132.8	141.2	155.7
-57.5°	78.4	83.5	87.8	89.5	90.8	91.7	96.6	104.0	111.0	118.2	132.1
-60°	67.8	73.2	76.1	76.9	77.4	77.6	83.1	89.5	95.3	102.5	115.5
-62.5°	56.2	61.3	63.6	64.6	65.2	65.3	72.3	78.7	84.5	93.4	107.3
-65°	45.4	49.3	50.9	51.8	52.1	53.8	62.2	69.9	76.7	90.9	112.7
-67.5°	37.0	38.6	39.5	40.0	40.5	44.1	54.1	63.2	71.6	89.8	118.4
-70°	29.2	30.0	30.7	31.2	31.6	35.9	45.2	54.9	64.9	75.0	85.7
-72.5°	22.0	22.7	23.2	23.7	24.0	27.5	33.9	40.9	48.3	52.8	56.1
-75°	15.2	16.0	16.5	16.9	17.2	19.6	23.1	26.8	30.7	32.7	34.1
-77.5°	9.5	10.2	10.7	11.0	11.2	12.8	14.8	16.9	19.1	20.2	21.1
-80°	5.3	5.8	6.1	6.3	6.5	7.2	8.1	9.0	10.0	10.3	10.6
-82.5°	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.9
-85°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
82.5°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.7
80°	10.8	10.9	10.5	10.0	10.5	10.9	10.8	10.6	10.3	10.0	9.0
77.5°	22.0	22.7	22.0	21.0	22.0	22.7	22.0	21.1	20.2	19.1	16.9
75°	35.5	36.6	36.0	35.0	36.0	36.6	35.5	34.1	32.7	30.7	26.8
72.5°	59.2	62.1	61.4	60.0	61.4	62.1	59.2	56.1	52.8	48.3	40.9
70°	96.9	108.3	107.8	105.0	107.8	108.3	96.9	85.7	75.0	64.9	54.9
67.5°	149.4	181.7	191.9	197.0	191.9	181.7	149.4	118.4	89.8	71.6	63.2
65°	133.1	152.5	160.3	166.0	160.3	152.5	133.1	112.7	90.9	76.7	69.9
62.5°	119.7	131.3	133.7	134.0	133.7	131.3	119.7	107.3	93.4	84.5	78.7
60°	128.1	140.4	142.2	140.0	142.2	140.4	128.1	115.5	102.5	95.3	89.5
57.5°	145.5	158.3	160.7	158.0	160.7	158.3	145.5	132.1	118.2	111.0	104.0
55°	169.5	182.5	186.8	186.0	186.8	182.5	169.5	155.7	141.2	132.8	123.8
52.5°	200.2	212.2	217.1	217.0	217.1	212.2	200.2	186.8	172.7	161.5	149.5
50°	241.2	251.9	257.3	258.0	257.3	251.9	241.2	228.4	213.6	198.2	182.1
47.5°	270.8	277.9	281.5	282.0	281.5	277.9	270.8	262.1	249.9	235.6	221.3
45°	288.9	292.7	295.6	298.0	295.6	292.7	288.9	283.8	272.4	258.4	243.7
42.5°	306.0	313.9	319.7	321.0	319.7	313.9	306.0	298.6	287.5	274.0	258.6
40°	328.8	339.7	350.1	361.0	350.1	339.7	328.8	317.1	304.9	291.0	278.9
37.5°	353.2	365.3	375.3	381.0	375.3	365.3	353.2	341.3	329.9	314.4	302.8
35°	303.5	295.6	290.9	289.0	290.9	295.6	303.5	316.6	335.1	347.9	333.8
32.5°	287.3	287.8	286.9	285.0	286.9	287.8	287.3	285.9	283.7	294.7	323.1
30°	324.4	329.6	330.3	330.0	330.3	329.6	324.4	313.3	298.3	290.6	286.7
27.5°	405.0	418.5	422.7	431.0	422.7	418.5	405.0	380.3	347.0	325.0	299.1
25°	511.2	531.6	541.4	545.0	541.4	531.6	511.2	480.1	439.9	393.8	344.5
22.5°	605.7	621.2	630.3	638.0	630.3	621.2	605.7	582.2	540.7	485.1	425.2
20°	717.6	746.0	759.0	760.0	759.0	746.0	717.6	669.1	627.6	577.8	510.9
17.5°	892.2	947.5	975.1	982.9	975.1	947.5	892.2	814.0	740.8	654.9	591.8
15°	1167.8	1309.0	1381.6	1415.9	1381.6	1309.0	1167.8	1015.3	890.6	767.5	653.6
12.5°	1617.5	1935.7	2193.0	2289.9	2193.0	1935.7	1617.5	1339.8	1069.4	889.4	738.7
10°	2508.3	3458.6	4568.8	5086.7	4568.8	3458.6	2508.3	1769.8	1343.9	1013.4	814.4
7.5°	4852.6	11266.9	21837.1	26879.4	21837.1	11266.9	4852.6	2533.1	1626.5	1173.0	895.6
5°	10343.5	44639.2	79943.3	93900.2	79943.3	44639.2	10343.5	3524.7	1975.5	1329.4	954.7
2.5°	16474.9	73214.2	138143.3	161530.0	138143.3	73214.2	16474.9	4634.7	2299.7	1428.1	997.1
0°	19684.3	77154.2	152438.1	175773.1	152438.1	77154.2	19684.3	4783.7	2419.4	1457.9	1009.9
-2.5°	16474.9	73214.2	138143.3	161530.0	138143.3	73214.2	16474.9	4634.7	2299.7	1428.1	997.1
-5°	10343.5	44639.2	79943.3	93900.2	79943.3	44639.2	10343.5	3524.7	1975.5	1329.4	954.7
-7.5°	4852.6	11266.9	21837.1	26879.4	21837.1	11266.9	4852.6	2533.1	1626.5	1173.0	895.6
-10°	2508.3	3458.6	4568.8	5086.7	4568.8	3458.6	2508.3	1769.8	1343.9	1013.4	814.4
-12.5°	1617.5	1935.7	2193.0	2289.9	2193.0	1935.7	1617.5	1339.8	1069.4	889.4	738.7
-15°	1167.8	1309.0	1381.6	1415.9	1381.6	1309.0	1167.8	1015.3	890.6	767.5	653.6
-17.5°	892.2	947.5	975.1	982.9	975.1	947.5	892.2	814.0	740.8	654.9	591.8
-20°	717.6	746.0	759.0	760.0	759.0	746.0	717.6	669.1	627.6	577.8	510.9



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	605.7	621.2	630.3	638.0	630.3	621.2	605.7	582.2	540.7	485.1	425.2
-25°	511.2	531.6	541.4	545.0	541.4	531.6	511.2	480.1	439.9	393.8	344.5
-27.5°	405.0	418.5	422.7	431.0	422.7	418.5	405.0	380.3	347.0	325.0	299.1
-30°	324.4	329.6	330.3	330.0	330.3	329.6	324.4	313.3	298.3	290.6	286.7
-32.5°	287.3	287.8	286.9	285.0	286.9	287.8	287.3	285.9	283.7	294.7	323.1
-35°	303.5	295.6	290.9	289.0	290.9	295.6	303.5	316.6	335.1	347.9	333.8
-37.5°	353.2	365.3	375.3	381.0	375.3	365.3	353.2	341.3	329.9	314.4	302.8
-40°	328.8	339.7	350.1	361.0	350.1	339.7	328.8	317.1	304.9	291.0	278.9
-42.5°	306.0	313.9	319.7	321.0	319.7	313.9	306.0	298.6	287.5	274.0	258.6
-45°	288.9	292.7	295.6	298.0	295.6	292.7	288.9	283.8	272.4	258.4	243.7
-47.5°	270.8	277.9	281.5	282.0	281.5	277.9	270.8	262.1	249.9	235.6	221.3
-50°	241.2	251.9	257.3	258.0	257.3	251.9	241.2	228.4	213.6	198.2	182.1
-52.5°	200.2	212.2	217.1	217.0	217.1	212.2	200.2	186.8	172.7	161.5	149.5
-55°	169.5	182.5	186.8	186.0	186.8	182.5	169.5	155.7	141.2	132.8	123.8
-57.5°	145.5	158.3	160.7	158.0	160.7	158.3	145.5	132.1	118.2	111.0	104.0
-60°	128.1	140.4	142.2	140.0	142.2	140.4	128.1	115.5	102.5	95.3	89.5
-62.5°	119.7	131.3	133.7	134.0	133.7	131.3	119.7	107.3	93.4	84.5	78.7
-65°	133.1	152.5	160.3	166.0	160.3	152.5	133.1	112.7	90.9	76.7	69.9
-67.5°	149.4	181.7	191.9	197.0	191.9	181.7	149.4	118.4	89.8	71.6	63.2
-70°	96.9	108.3	107.8	105.0	107.8	108.3	96.9	85.7	75.0	64.9	54.9
-72.5°	59.2	62.1	61.4	60.0	61.4	62.1	59.2	56.1	52.8	48.3	40.9
-75°	35.5	36.6	36.0	35.0	36.0	36.6	35.5	34.1	32.7	30.7	26.8
-77.5°	22.0	22.7	22.0	21.0	22.0	22.7	22.0	21.1	20.2	19.1	16.9
-80°	10.8	10.9	10.5	10.0	10.5	10.9	10.8	10.6	10.3	10.0	9.0
-82.5°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.7
-85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
82.5°	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2
80°	8.1	7.2	6.5	6.3	6.1	5.8	5.3	4.8	4.3	3.9	3.6
77.5°	14.8	12.8	11.2	11.0	10.7	10.2	9.5	8.5	7.6	6.8	6.1
75°	23.1	19.6	17.2	16.9	16.5	16.0	15.2	13.8	12.4	11.0	9.6
72.5°	33.9	27.5	24.0	23.7	23.2	22.7	22.0	20.8	19.0	16.7	14.5
70°	45.2	35.9	31.6	31.2	30.7	30.0	29.2	28.4	27.4	25.7	22.4
67.5°	54.1	44.1	40.5	40.0	39.5	38.6	37.0	35.5	34.3	32.9	29.5
65°	62.2	53.8	52.1	51.8	50.9	49.3	45.4	42.5	40.5	38.7	35.2
62.5°	72.3	65.3	65.2	64.6	63.6	61.3	56.2	51.5	47.3	43.7	40.7
60°	83.1	77.6	77.4	76.9	76.1	73.2	67.8	61.8	55.5	51.4	47.3
57.5°	96.6	91.7	90.8	89.5	87.8	83.5	78.4	73.0	66.6	60.8	55.2
55°	114.5	109.7	107.0	103.9	100.7	94.7	88.5	82.3	76.6	71.4	64.9
52.5°	137.4	132.2	127.1	121.3	115.4	107.5	99.5	92.6	86.1	80.4	74.4
50°	167.7	160.3	152.1	143.8	134.1	122.6	112.7	103.8	96.5	89.8	82.9
47.5°	206.5	195.0	182.3	171.0	157.1	142.4	129.4	116.8	108.5	99.5	91.9
45°	234.5	227.8	219.4	203.3	184.9	168.0	149.9	135.5	122.2	111.5	100.9
42.5°	253.7	248.9	242.0	231.7	218.0	197.1	176.2	157.1	139.8	125.1	111.6
40°	271.4	263.8	257.7	250.5	239.3	226.4	205.4	181.4	160.5	141.4	122.4
37.5°	292.0	281.0	273.0	264.3	255.5	244.2	230.7	209.3	182.7	158.5	135.6
35°	317.9	304.2	291.7	280.6	269.6	258.1	246.3	232.1	207.7	177.1	149.7
32.5°	350.7	333.5	316.5	301.2	284.2	270.3	258.1	245.6	229.3	198.3	166.7
30°	299.9	337.6	345.2	324.0	301.8	282.6	268.5	256.0	240.8	219.7	183.7
27.5°	291.4	289.2	331.0	347.8	320.5	297.2	279.6	265.1	251.5	232.9	203.2
25°	315.3	295.9	291.9	330.3	342.9	314.0	292.7	275.4	259.6	244.0	226.3
22.5°	361.8	322.5	297.2	292.0	339.4	335.6	308.5	286.1	269.1	259.1	242.3
20°	438.2	365.2	319.9	297.7	307.7	355.8	324.6	300.8	285.1	273.1	257.1
17.5°	514.7	432.5	354.4	309.4	298.7	332.7	343.8	318.5	299.1	287.5	271.9
15°	584.3	495.0	407.1	339.4	304.2	310.5	360.6	334.9	312.2	300.8	284.0
12.5°	629.1	550.2	455.1	366.1	313.9	302.6	351.0	349.5	326.0	308.6	291.8
10°	670.8	588.8	496.2	403.1	334.8	307.0	336.7	361.5	337.1	314.8	298.1
7.5°	721.5	612.2	526.8	431.4	348.6	308.9	325.6	372.4	347.2	321.2	303.0
5°	752.8	628.3	544.9	447.9	354.9	308.9	317.2	382.1	356.1	327.3	306.7
2.5°	772.2	637.3	553.8	456.7	356.7	307.2	313.5	391.1	365.0	330.8	307.7
0°	775.0	636.0	559.0	460.0	356.0	304.0	316.0	399.0	373.0	333.0	308.0
-2.5°	772.2	637.3	553.8	456.7	356.7	307.2	313.5	391.1	365.0	330.8	307.7
-5°	752.8	628.3	544.9	447.9	354.9	308.9	317.2	382.1	356.1	327.3	306.7
-7.5°	721.5	612.2	526.8	431.4	348.6	308.9	325.6	372.4	347.2	321.2	303.0
-10°	670.8	588.8	496.2	403.1	334.8	307.0	336.7	361.5	337.1	314.8	298.1
-12.5°	629.1	550.2	455.1	366.1	313.9	302.6	351.0	349.5	326.0	308.6	291.8
-15°	584.3	495.0	407.1	339.4	304.2	310.5	360.6	334.9	312.2	300.8	284.0
-17.5°	514.7	432.5	354.4	309.4	298.7	332.7	343.8	318.5	299.1	287.5	271.9
-20°	438.2	365.2	319.9	297.7	307.7	355.8	324.6	300.8	285.1	273.1	257.1



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	361.8	322.5	297.2	292.0	339.4	335.6	308.5	286.1	269.1	259.1	242.3
-25°	315.3	295.9	291.9	330.3	342.9	314.0	292.7	275.4	259.6	244.0	226.3
-27.5°	291.4	289.2	331.0	347.8	320.5	297.2	279.6	265.1	251.5	232.9	203.2
-30°	299.9	337.6	345.2	324.0	301.8	282.6	268.5	256.0	240.8	219.7	183.7
-32.5°	350.7	333.5	316.5	301.2	284.2	270.3	258.1	245.6	229.3	198.3	166.7
-35°	317.9	304.2	291.7	280.6	269.6	258.1	246.3	232.1	207.7	177.1	149.7
-37.5°	292.0	281.0	273.0	264.3	255.5	244.2	230.7	209.3	182.7	158.5	135.6
-40°	271.4	263.8	257.7	250.5	239.3	226.4	205.4	181.4	160.5	141.4	122.4
-42.5°	253.7	248.9	242.0	231.7	218.0	197.1	176.2	157.1	139.8	125.1	111.6
-45°	234.5	227.8	219.4	203.3	184.9	168.0	149.9	135.5	122.2	111.5	100.9
-47.5°	206.5	195.0	182.3	171.0	157.1	142.4	129.4	116.8	108.5	99.5	91.9
-50°	167.7	160.3	152.1	143.8	134.1	122.6	112.7	103.8	96.5	89.8	82.9
-52.5°	137.4	132.2	127.1	121.3	115.4	107.5	99.5	92.6	86.1	80.4	74.4
-55°	114.5	109.7	107.0	103.9	100.7	94.7	88.5	82.3	76.6	71.4	64.9
-57.5°	96.6	91.7	90.8	89.5	87.8	83.5	78.4	73.0	66.6	60.8	55.2
-60°	83.1	77.6	77.4	76.9	76.1	73.2	67.8	61.8	55.5	51.4	47.3
-62.5°	72.3	65.3	65.2	64.6	63.6	61.3	56.2	51.5	47.3	43.7	40.7
-65°	62.2	53.8	52.1	51.8	50.9	49.3	45.4	42.5	40.5	38.7	35.2
-67.5°	54.1	44.1	40.5	40.0	39.5	38.6	37.0	35.5	34.3	32.9	29.5
-70°	45.2	35.9	31.6	31.2	30.7	30.0	29.2	28.4	27.4	25.7	22.4
-72.5°	33.9	27.5	24.0	23.7	23.2	22.7	22.0	20.8	19.0	16.7	14.5
-75°	23.1	19.6	17.2	16.9	16.5	16.0	15.2	13.8	12.4	11.0	9.6
-77.5°	14.8	12.8	11.2	11.0	10.7	10.2	9.5	8.5	7.6	6.8	6.1
-80°	8.1	7.2	6.5	6.3	6.1	5.8	5.3	4.8	4.3	3.9	3.6
-82.5°	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.6	2.4	2.2
-85°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	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





REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
85°	1.4	1.3	1.2	1.2	1.3	1.5	1.6	1.7	1.5	1.4	1.2
82.5°	2.0	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.8
80°	3.4	3.1	2.9	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	5.6	4.9	4.1	3.7	3.3	3.0	2.6	2.2	2.0	2.0	2.0
75°	8.5	7.8	7.0	6.0	4.9	3.9	3.5	3.1	2.6	2.1	2.0
72.5°	13.2	11.8	10.4	8.7	7.3	6.0	4.8	3.9	3.5	2.9	2.2
70°	19.2	16.4	14.6	12.4	10.1	8.1	6.6	5.5	4.4	3.8	3.0
67.5°	26.0	22.3	19.1	16.1	13.4	10.9	8.5	7.2	6.0	4.7	3.8
65°	31.3	27.4	23.7	20.2	16.9	13.8	11.0	9.2	7.7	6.2	4.7
62.5°	36.7	32.1	28.0	24.2	20.4	16.9	13.6	11.8	9.5	7.7	5.9
60°	42.9	38.2	32.6	28.2	24.0	20.0	16.7	14.4	12.0	9.2	7.3
57.5°	50.4	45.1	38.6	32.6	27.7	23.2	20.0	17.4	14.5	11.4	8.6
55°	58.4	52.2	44.5	37.6	31.5	26.4	23.6	20.7	17.1	13.7	10.1
52.5°	67.6	59.2	50.7	42.6	35.6	30.3	27.7	24.0	20.2	16.1	12.4
50°	76.1	66.7	56.9	48.0	39.6	35.3	32.0	28.0	23.4	18.6	14.8
47.5°	83.2	73.4	63.5	53.3	44.3	40.6	37.0	32.2	26.5	21.4	17.3
45°	90.4	79.6	69.4	59.0	50.6	46.7	42.4	36.6	30.5	24.8	19.8
42.5°	97.6	86.0	74.8	64.3	57.8	52.8	48.2	41.8	34.6	28.4	22.8
40°	106.7	92.5	80.0	70.8	64.9	58.9	53.8	47.2	38.9	32.4	26.0
37.5°	115.6	99.9	85.9	77.7	71.6	65.2	59.2	52.9	44.2	36.8	29.3
35°	127.1	107.7	94.1	84.9	77.7	71.2	64.6	58.3	50.4	41.4	32.6
32.5°	138.1	117.5	103.5	92.2	83.5	76.9	69.8	65.2	56.8	45.9	36.0
30°	152.9	130.6	112.7	99.1	89.3	82.1	76.4	72.9	63.5	50.5	39.5
27.5°	171.2	143.4	122.2	106.9	95.4	87.2	85.2	81.5	70.3	55.5	43.3
25°	189.8	158.6	133.6	114.6	101.1	95.9	93.8	90.7	77.4	61.1	47.0
22.5°	210.4	174.1	144.6	122.0	110.8	104.3	102.0	98.5	84.9	66.7	50.7
20°	230.3	188.7	155.9	134.2	121.3	113.2	109.8	106.1	92.7	72.3	54.3
17.5°	248.4	205.2	171.8	147.6	131.9	122.0	117.3	113.7	100.7	77.8	57.7
15°	260.5	222.8	186.6	160.1	142.0	130.6	124.5	121.1	108.8	83.1	60.2
12.5°	270.7	238.2	200.0	171.8	151.8	138.9	131.5	128.3	117.0	86.6	61.5
10°	279.3	251.4	211.9	182.6	161.1	147.0	138.3	133.4	120.1	88.3	62.7
7.5°	286.4	262.6	222.5	192.5	168.6	151.0	139.3	134.3	121.9	89.7	63.6
5°	291.3	269.2	227.6	195.1	169.2	150.7	139.3	135.1	123.2	90.5	64.4
2.5°	292.0	269.9	228.8	195.9	169.4	150.0	139.2	135.6	123.9	91.0	64.8
0°	292.0	269.0	229.0	196.0	169.0	149.0	139.0	136.0	124.0	91.0	65.0
-2.5°	292.0	269.9	228.8	195.9	169.4	150.0	139.2	135.6	123.9	91.0	64.8
-5°	291.3	269.2	227.6	195.1	169.2	150.7	139.3	135.1	123.2	90.5	64.4
-7.5°	286.4	262.6	222.5	192.5	168.6	151.0	139.3	134.3	121.9	89.7	63.6
-10°	279.3	251.4	211.9	182.6	161.1	147.0	138.3	133.4	120.1	88.3	62.7
-12.5°	270.7	238.2	200.0	171.8	151.8	138.9	131.5	128.3	117.0	86.6	61.5
-15°	260.5	222.8	186.6	160.1	142.0	130.6	124.5	121.1	108.8	83.1	60.2
-17.5°	248.4	205.2	171.8	147.6	131.9	122.0	117.3	113.7	100.7	77.8	57.7
-20°	230.3	188.7	155.9	134.2	121.3	113.2	109.8	106.1	92.7	72.3	54.3



REPORT NUMBER: P558777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-940-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°	210.4	174.1	144.6	122.0	110.8	104.3	102.0	98.5	84.9	66.7	50.7
-25°	189.8	158.6	133.6	114.6	101.1	95.9	93.8	90.7	77.4	61.1	47.0
-27.5°	171.2	143.4	122.2	106.9	95.4	87.2	85.2	81.5	70.3	55.5	43.3
-30°	152.9	130.6	112.7	99.1	89.3	82.1	76.4	72.9	63.5	50.5	39.5
-32.5°	138.1	117.5	103.5	92.2	83.5	76.9	69.8	65.2	56.8	45.9	36.0
-35°	127.1	107.7	94.1	84.9	77.7	71.2	64.6	58.3	50.4	41.4	32.6
-37.5°	115.6	99.9	85.9	77.7	71.6	65.2	59.2	52.9	44.2	36.8	29.3
-40°	106.7	92.5	80.0	70.8	64.9	58.9	53.8	47.2	38.9	32.4	26.0
-42.5°	97.6	86.0	74.8	64.3	57.8	52.8	48.2	41.8	34.6	28.4	22.8
-45°	90.4	79.6	69.4	59.0	50.6	46.7	42.4	36.6	30.5	24.8	19.8
-47.5°	83.2	73.4	63.5	53.3	44.3	40.6	37.0	32.2	26.5	21.4	17.3
-50°	76.1	66.7	56.9	48.0	39.6	35.3	32.0	28.0	23.4	18.6	14.8
-52.5°	67.6	59.2	50.7	42.6	35.6	30.3	27.7	24.0	20.2	16.1	12.4
-55°	58.4	52.2	44.5	37.6	31.5	26.4	23.6	20.7	17.1	13.7	10.1
-57.5°	50.4	45.1	38.6	32.6	27.7	23.2	20.0	17.4	14.5	11.4	8.6
-60°	42.9	38.2	32.6	28.2	24.0	20.0	16.7	14.4	12.0	9.2	7.3
-62.5°	36.7	32.1	28.0	24.2	20.4	16.9	13.6	11.8	9.5	7.7	5.9
-65°	31.3	27.4	23.7	20.2	16.9	13.8	11.0	9.2	7.7	6.2	4.7
-67.5°	26.0	22.3	19.1	16.1	13.4	10.9	8.5	7.2	6.0	4.7	3.8
-70°	19.2	16.4	14.6	12.4	10.1	8.1	6.6	5.5	4.4	3.8	3.0
-72.5°	13.2	11.8	10.4	8.7	7.3	6.0	4.8	3.9	3.5	2.9	2.2
-75°	8.5	7.8	7.0	6.0	4.9	3.9	3.5	3.1	2.6	2.1	2.0
-77.5°	5.6	4.9	4.1	3.7	3.3	3.0	2.6	2.2	2.0	2.0	2.0
-80°	3.4	3.1	2.9	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.0
-82.5°	2.0	1.9	1.8	1.7	1.7	1.8	1.9	2.0	2.0	2.0	1.8
-85°	1.4	1.3	1.2	1.2	1.3	1.5	1.6	1.7	1.5	1.4	1.2
-87.5°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
67.5°	2.9	2.0	2.0	2.0	1.5	0.8	0.0
65°	3.6	2.3	2.0	2.0	1.7	0.8	0.0
62.5°	4.4	3.0	2.0	2.0	1.8	0.9	0.0
60°	5.1	3.7	2.0	2.0	2.0	1.0	0.0
57.5°	6.4	4.3	2.5	2.0	2.0	1.1	0.0
55°	7.8	5.0	3.1	2.0	2.0	1.1	0.0
52.5°	9.2	5.7	3.6	2.0	2.0	1.2	0.0
50°	10.6	7.0	4.1	2.0	2.1	1.3	0.0
47.5°	12.2	8.2	4.6	2.1	2.1	1.4	0.0
45°	14.4	9.5	5.1	2.5	2.1	1.4	0.0
42.5°	16.7	10.8	5.6	2.8	2.2	1.5	0.0
40°	19.0	12.0	6.3	3.2	2.2	1.5	0.0
37.5°	21.3	13.3	7.3	3.5	2.2	1.6	0.0
35°	23.7	15.0	8.3	3.8	2.3	1.6	0.0
32.5°	26.1	16.8	9.2	4.1	2.3	1.7	0.0
30°	28.9	18.6	10.1	4.3	2.4	1.7	0.0
27.5°	31.5	20.3	10.7	4.5	2.4	1.8	0.0
25°	34.2	22.1	11.2	4.7	2.5	1.8	0.0
22.5°	36.8	23.4	11.5	4.9	2.5	1.8	0.0
20°	39.4	23.9	11.8	5.0	2.6	1.9	0.0
17.5°	40.7	24.2	12.0	5.0	2.6	1.9	0.0
15°	41.2	24.4	12.0	5.1	2.7	1.9	0.0
12.5°	41.5	24.3	12.0	5.1	2.7	2.0	0.0
10°	41.6	24.1	12.0	5.1	2.8	2.0	0.0
7.5°	41.5	23.8	11.8	5.1	2.9	2.0	0.0
5°	41.2	23.3	11.6	5.1	2.9	2.0	0.0
2.5°	40.7	22.7	11.3	5.1	3.0	2.0	0.0
0°	40.0	22.0	11.0	5.0	3.0	2.0	0.0
-2.5°	40.7	22.7	11.3	5.1	3.0	2.0	0.0
-5°	41.2	23.3	11.6	5.1	2.9	2.0	0.0
-7.5°	41.5	23.8	11.8	5.1	2.9	2.0	0.0
-10°	41.6	24.1	12.0	5.1	2.8	2.0	0.0
-12.5°	41.5	24.3	12.0	5.1	2.7	2.0	0.0
-15°	41.2	24.4	12.0	5.1	2.7	1.9	0.0
-17.5°	40.7	24.2	12.0	5.0	2.6	1.9	0.0
-20°	39.4	23.9	11.8	5.0	2.6	1.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.8	23.4	11.5	4.9	2.5	1.8	0.0
-25°	34.2	22.1	11.2	4.7	2.5	1.8	0.0
-27.5°	31.5	20.3	10.7	4.5	2.4	1.8	0.0
-30°	28.9	18.6	10.1	4.3	2.4	1.7	0.0
-32.5°	26.1	16.8	9.2	4.1	2.3	1.7	0.0
-35°	23.7	15.0	8.3	3.8	2.3	1.6	0.0
-37.5°	21.3	13.3	7.3	3.5	2.2	1.6	0.0
-40°	19.0	12.0	6.3	3.2	2.2	1.5	0.0
-42.5°	16.7	10.8	5.6	2.8	2.2	1.5	0.0
-45°	14.4	9.5	5.1	2.5	2.1	1.4	0.0
-47.5°	12.2	8.2	4.6	2.1	2.1	1.4	0.0
-50°	10.6	7.0	4.1	2.0	2.1	1.3	0.0
-52.5°	9.2	5.7	3.6	2.0	2.0	1.2	0.0
-55°	7.8	5.0	3.1	2.0	2.0	1.1	0.0
-57.5°	6.4	4.3	2.5	2.0	2.0	1.1	0.0
-60°	5.1	3.7	2.0	2.0	2.0	1.0	0.0
-62.5°	4.4	3.0	2.0	2.0	1.8	0.9	0.0
-65°	3.6	2.3	2.0	2.0	1.7	0.8	0.0
-67.5°	2.9	2.0	2.0	2.0	1.5	0.8	0.0
-70°	2.1	2.0	2.0	2.0	1.4	0.7	0.0
-72.5°	2.0	2.0	2.0	1.8	1.2	0.6	0.0
-75°	2.0	2.0	2.0	1.5	1.0	0.5	0.0
-77.5°	2.0	2.0	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	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)