

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: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-927-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558977 (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-SA4E-927-U-TSB-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

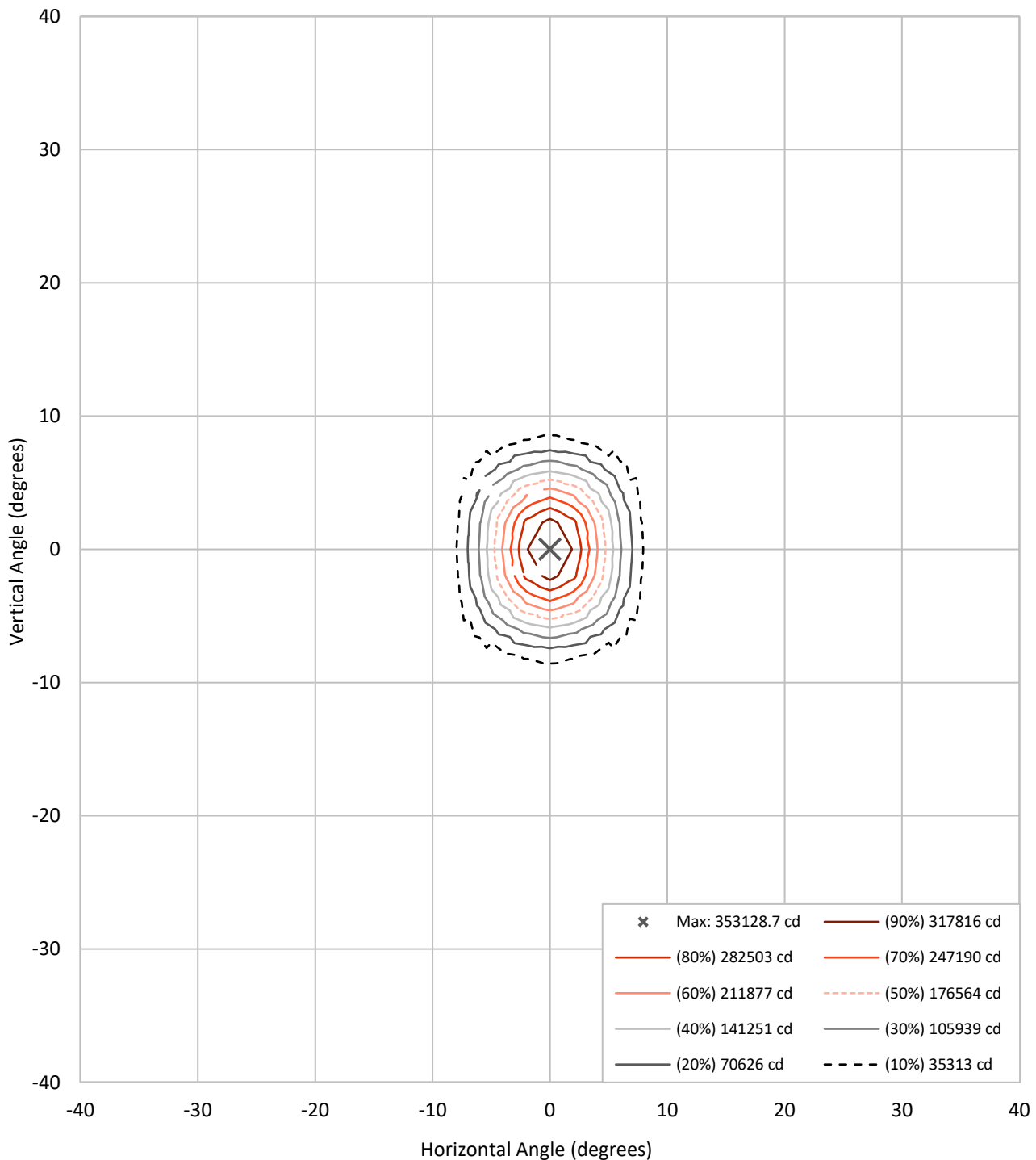
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13751.5 lumens	Max Intensity:	353128.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5894.2 lumens	Field Lumens:	10158.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 250  
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





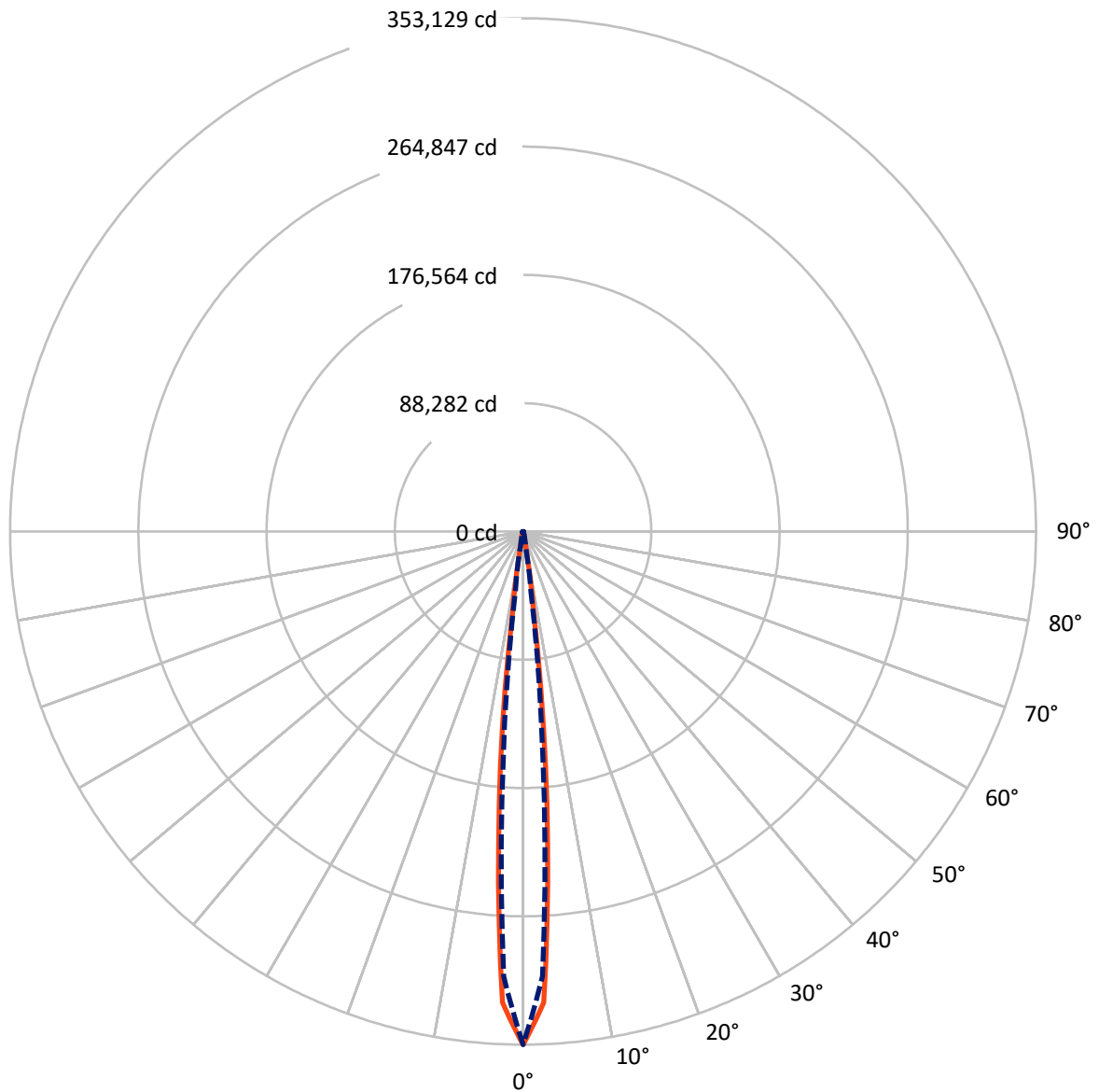
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### Lumen Table

90	0.1	0.4		1.4		3.3		5.7		3.3		1.4		0.4		0.1			
80	0.1	0.4		1.4		3.3		5.7		3.3		1.4		0.4		0.1			
70	0.2	0.3	0.7	1.5	2.3	3.0	4.8	8.5	8.5	4.8	3.0	2.3	1.5	0.7	0.3	0.2			
60		0.5	1.4	2.8	4.5	6.1	8.2	11.1	11.1	8.2	6.1	4.5	2.8	1.4	0.5				
50	0.7	1.0	2.1	4.4	7.8	11.7	15.0	17.9	17.9	15.0	11.7	7.8	4.4	2.1	1.0	0.7			
40		1.5	3.1	6.7	12.1	16.3	18.4	19.5	19.5	18.4	16.3	12.1	6.7	3.1	1.5				
30	1.4	2.2	4.2	9.5	14.8	17.7	24.1	31.7	31.7	24.1	17.7	14.8	9.5	4.2	2.2	1.4			
20		3.0	5.9	12.0	16.4	23.3	47.3	94.4	94.4	47.3	23.3	16.4	12.0	5.9	3.0				
10	1.6	3.4	7.0	13.3	17.0	29.9	93.4	2762.9	2762.9	93.4	29.9	17.0	13.3	7.0	3.4	1.6			
0		3.4	7.0	13.3	17.0	29.9	93.4	2762.9	2762.9	93.4	29.9	17.0	13.3	7.0	3.4				
-10	1.4	3.0	5.9	12.0	16.4	23.3	47.3	94.4	94.4	47.3	23.3	16.4	12.0	5.9	3.0	1.4			
-20		2.2	4.2	9.5	14.8	17.7	24.1	31.7	31.7	24.1	17.7	14.8	9.5	4.2	2.2				
-30	0.7	1.5	3.1	6.7	12.1	16.3	18.4	19.5	19.5	18.4	16.3	12.1	6.7	3.1	1.5	0.7			
-40		1.0	2.1	4.4	7.8	11.7	15.0	17.9	17.9	15.0	11.7	7.8	4.4	2.1	1.0				
-50	0.2	0.5	1.4	2.8	4.5	6.1	8.2	11.1	11.1	8.2	6.1	4.5	2.8	1.4	0.5	0.2			
-60		0.3	0.7	1.5	2.3	3.0	4.8	8.5	8.5	4.8	3.0	2.3	1.5	0.7	0.3				
-70	0.1	0.4		1.4		3.3		5.7		3.3		1.4		0.4		0.1			
-80		0.4		1.4		3.3		5.7		3.3		1.4		0.4					
-90	0.1	0.4		1.4		3.3		5.7		3.3		1.4		0.4		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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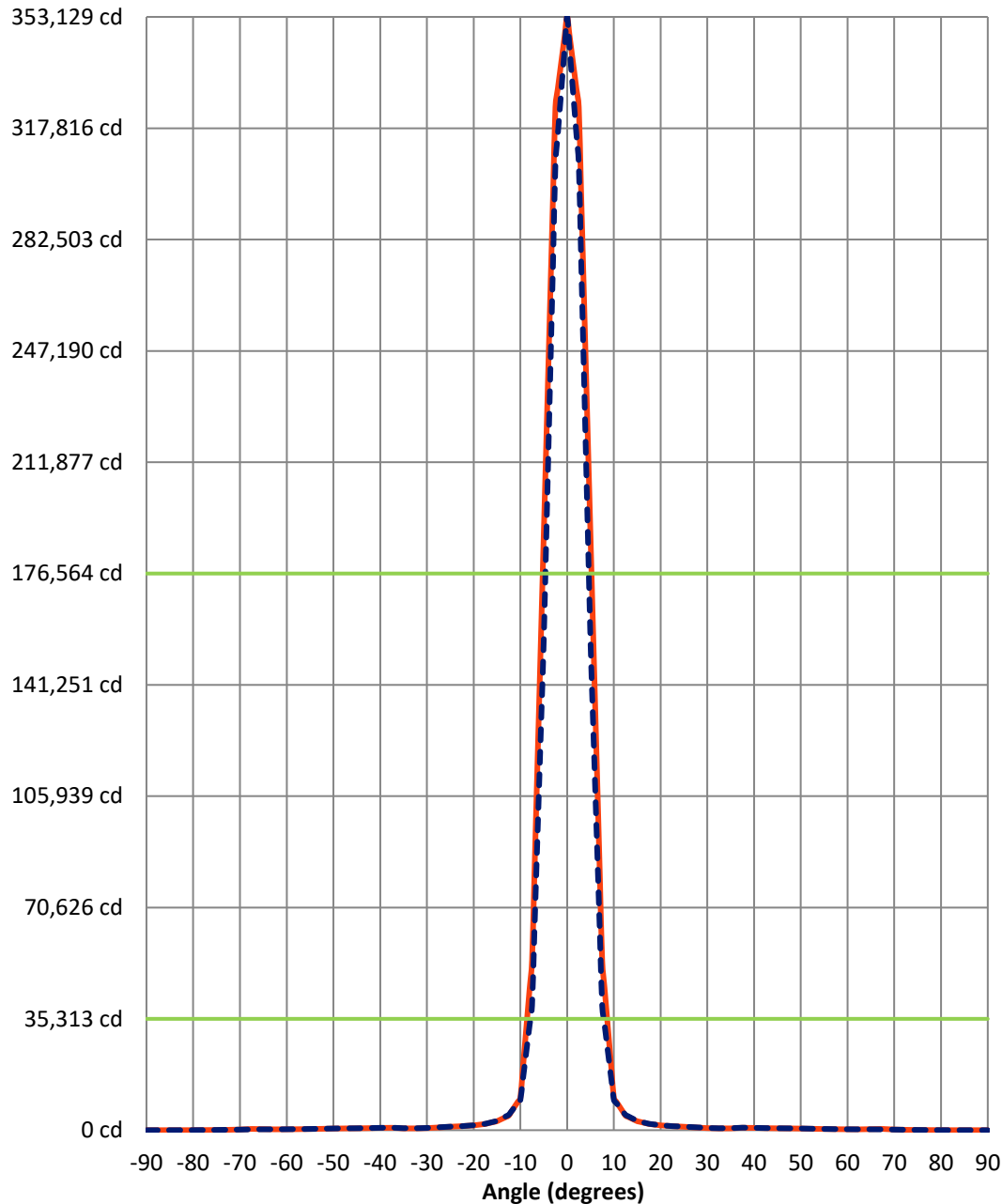
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 5894.2  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 10158.5  
Efficiency: 73.9%

**Spill:**  
Lumens: 3593  
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	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.0	4.0	4.0
80°	0.0	0.7	1.4	2.1	2.8	3.4	4.0	4.0	4.0	4.0	4.0
77.5°	0.0	0.9	1.7	2.6	3.4	4.0	4.0	4.0	4.0	4.0	4.4
75°	0.0	1.0	2.1	3.1	4.0	4.0	4.0	4.0	4.2	5.3	6.1
72.5°	0.0	1.2	2.4	3.6	4.0	4.0	4.0	4.4	5.9	7.0	7.9
70°	0.0	1.4	2.7	4.0	4.0	4.0	4.2	6.1	7.6	8.8	11.0
67.5°	0.0	1.5	3.1	4.0	4.0	4.0	5.7	7.7	9.4	12.1	14.4
65°	0.0	1.7	3.4	4.0	4.0	4.7	7.2	9.3	12.4	15.4	18.4
62.5°	0.0	1.8	3.7	4.0	4.0	6.0	8.7	11.8	15.5	19.0	23.6
60°	0.0	2.0	4.0	4.0	4.0	7.3	10.2	14.6	18.5	24.0	28.9
57.5°	0.0	2.1	4.0	4.0	5.0	8.6	12.8	17.3	22.9	29.1	35.0
55°	0.0	2.3	4.1	4.0	6.1	10.0	15.6	20.3	27.6	34.4	41.5
52.5°	0.0	2.4	4.1	4.0	7.2	11.5	18.4	24.8	32.3	40.7	48.2
50°	0.0	2.6	4.1	4.0	8.2	14.0	21.3	29.7	37.3	46.9	56.2
47.5°	0.0	2.7	4.2	4.2	9.3	16.5	24.5	34.7	43.1	53.3	64.7
45°	0.0	2.8	4.2	5.0	10.3	19.1	29.0	39.9	49.9	61.3	73.5
42.5°	0.0	2.9	4.3	5.7	11.3	21.6	33.6	45.8	57.1	69.5	83.9
40°	0.0	3.1	4.4	6.4	12.8	24.2	38.2	52.2	65.0	78.1	94.9
37.5°	0.0	3.2	4.5	7.1	14.7	26.7	42.9	58.8	74.0	88.9	106.2
35°	0.0	3.3	4.5	7.7	16.7	30.0	47.6	65.5	83.1	101.3	117.1
32.5°	0.0	3.4	4.6	8.2	18.5	33.7	52.5	72.3	92.3	114.2	131.0
30°	0.0	3.5	4.7	8.7	20.4	37.3	58.0	79.3	101.5	127.5	146.5
27.5°	0.0	3.5	4.8	9.1	21.5	40.9	63.4	87.0	111.6	141.2	163.7
25°	0.0	3.6	4.9	9.5	22.4	44.3	68.7	94.5	122.8	155.5	182.1
22.5°	0.0	3.7	5.0	9.8	23.2	47.1	74.0	101.8	134.0	170.6	197.8
20°	0.0	3.8	5.2	10.0	23.7	48.0	79.1	109.0	145.2	186.2	213.2
17.5°	0.0	3.8	5.3	10.1	24.0	48.7	81.7	116.0	156.2	202.3	228.4
15°	0.0	3.9	5.4	10.2	24.2	48.9	82.7	121.0	167.0	218.6	243.2
12.5°	0.0	3.9	5.5	10.3	24.2	48.9	83.3	123.6	173.9	234.9	257.8
10°	0.0	3.9	5.6	10.3	24.0	48.5	83.5	125.9	177.5	241.2	268.0
7.5°	0.0	4.0	5.7	10.3	23.7	47.8	83.4	127.8	180.1	245.0	269.9
5°	0.0	4.0	5.8	10.2	23.3	46.9	82.8	129.3	181.8	247.5	271.4
2.5°	0.0	4.0	5.9	10.1	22.8	45.7	81.8	130.3	182.7	248.9	272.5
0°	0.0	4.0	6.0	10.0	22.1	44.2	80.4	130.6	182.8	249.1	273.2
-2.5°	0.0	4.0	5.9	10.1	22.8	45.7	81.8	130.3	182.7	248.9	272.5
-5°	0.0	4.0	5.8	10.2	23.3	46.9	82.8	129.3	181.8	247.5	271.4
-7.5°	0.0	4.0	5.7	10.3	23.7	47.8	83.4	127.8	180.1	245.0	269.9
-10°	0.0	3.9	5.6	10.3	24.0	48.5	83.5	125.9	177.5	241.2	268.0
-12.5°	0.0	3.9	5.5	10.3	24.2	48.9	83.3	123.6	173.9	234.9	257.8
-15°	0.0	3.9	5.4	10.2	24.2	48.9	82.7	121.0	167.0	218.6	243.2
-17.5°	0.0	3.8	5.3	10.1	24.0	48.7	81.7	116.0	156.2	202.3	228.4
-20°	0.0	3.8	5.2	10.0	23.7	48.0	79.1	109.0	145.2	186.2	213.2



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 CATALOG NUMBER: GFLD-SA4E-927-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	3.7	5.0	9.8	23.2	47.1	74.0	101.8	134.0	170.6	197.8
-25°	0.0	3.6	4.9	9.5	22.4	44.3	68.7	94.5	122.8	155.5	182.1
-27.5°	0.0	3.5	4.8	9.1	21.5	40.9	63.4	87.0	111.6	141.2	163.7
-30°	0.0	3.5	4.7	8.7	20.4	37.3	58.0	79.3	101.5	127.5	146.5
-32.5°	0.0	3.4	4.6	8.2	18.5	33.7	52.5	72.3	92.3	114.2	131.0
-35°	0.0	3.3	4.5	7.7	16.7	30.0	47.6	65.5	83.1	101.3	117.1
-37.5°	0.0	3.2	4.5	7.1	14.7	26.7	42.9	58.8	74.0	88.9	106.2
-40°	0.0	3.1	4.4	6.4	12.8	24.2	38.2	52.2	65.0	78.1	94.9
-42.5°	0.0	2.9	4.3	5.7	11.3	21.6	33.6	45.8	57.1	69.5	83.9
-45°	0.0	2.8	4.2	5.0	10.3	19.1	29.0	39.9	49.9	61.3	73.5
-47.5°	0.0	2.7	4.2	4.2	9.3	16.5	24.5	34.7	43.1	53.3	64.7
-50°	0.0	2.6	4.1	4.0	8.2	14.0	21.3	29.7	37.3	46.9	56.2
-52.5°	0.0	2.4	4.1	4.0	7.2	11.5	18.4	24.8	32.3	40.7	48.2
-55°	0.0	2.3	4.1	4.0	6.1	10.0	15.6	20.3	27.6	34.4	41.5
-57.5°	0.0	2.1	4.0	4.0	5.0	8.6	12.8	17.3	22.9	29.1	35.0
-60°	0.0	2.0	4.0	4.0	4.0	7.3	10.2	14.6	18.5	24.0	28.9
-62.5°	0.0	1.8	3.7	4.0	4.0	6.0	8.7	11.8	15.5	19.0	23.6
-65°	0.0	1.7	3.4	4.0	4.0	4.7	7.2	9.3	12.4	15.4	18.4
-67.5°	0.0	1.5	3.1	4.0	4.0	4.0	5.7	7.7	9.4	12.1	14.4
-70°	0.0	1.4	2.7	4.0	4.0	4.0	4.2	6.1	7.6	8.8	11.0
-72.5°	0.0	1.2	2.4	3.6	4.0	4.0	4.0	4.4	5.9	7.0	7.9
-75°	0.0	1.0	2.1	3.1	4.0	4.0	4.0	4.0	4.2	5.3	6.1
-77.5°	0.0	0.9	1.7	2.6	3.4	4.0	4.0	4.0	4.0	4.0	4.4
-80°	0.0	0.7	1.4	2.1	2.8	3.4	4.0	4.0	4.0	4.0	4.0
-82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.0	4.0	4.0
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.5	1.3	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	3.2	3.0	2.6	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
82.5°	3.7	3.5	3.4	3.4	3.6	3.9	4.1	4.5	4.8	5.2	5.5
80°	3.9	4.0	4.6	5.1	5.7	6.3	6.8	7.3	7.8	8.5	9.6
77.5°	5.2	5.9	6.7	7.4	8.3	9.8	11.2	12.3	13.7	15.3	17.0
75°	7.0	7.9	9.9	12.1	14.1	15.7	17.2	19.4	22.0	24.9	27.8
72.5°	9.6	12.1	14.7	17.6	20.9	23.8	26.5	29.1	33.4	38.2	41.7
70°	13.3	16.3	20.4	24.9	29.2	33.0	38.5	45.0	51.6	55.0	57.0
67.5°	17.1	21.9	27.0	32.4	38.4	44.7	52.3	59.3	66.1	68.8	71.3
65°	22.2	27.6	33.9	40.6	47.5	55.1	62.8	70.7	77.8	81.4	85.5
62.5°	27.4	33.9	41.1	48.6	56.3	64.4	73.8	81.8	87.8	95.1	103.5
60°	33.6	40.1	48.3	56.7	65.5	76.8	86.3	95.1	103.2	111.5	124.2
57.5°	40.2	46.5	55.6	65.5	77.6	90.5	101.3	110.8	122.0	133.8	146.7
55°	47.4	53.1	63.4	75.5	89.4	104.8	117.4	130.5	143.4	153.9	165.3
52.5°	55.7	60.9	71.6	85.6	101.7	119.0	135.7	149.4	161.4	172.9	185.9
50°	64.3	70.8	79.5	96.4	114.3	133.9	152.9	166.6	180.3	193.9	208.5
47.5°	74.3	81.6	88.9	107.1	127.5	147.5	167.2	184.7	199.9	217.9	234.6
45°	85.3	93.8	101.6	118.5	139.5	159.9	181.7	202.8	224.1	245.4	272.2
42.5°	96.8	106.1	116.2	129.3	150.2	172.8	196.1	224.2	251.2	280.9	315.7
40°	108.0	118.3	130.4	142.2	160.8	185.9	214.4	245.9	284.0	322.5	364.5
37.5°	119.0	130.9	143.8	156.1	172.5	200.7	232.2	272.4	318.3	366.9	420.4
35°	129.7	143.0	156.1	170.6	188.9	216.4	255.3	300.8	355.8	417.3	466.2
32.5°	140.3	154.5	167.8	185.3	207.9	236.1	277.4	334.8	398.3	460.6	493.3
30°	153.5	164.9	179.5	199.1	226.5	262.3	307.2	369.1	441.3	483.8	514.2
27.5°	171.1	175.2	191.6	214.6	245.5	288.1	344.0	408.2	467.9	505.3	532.6
25°	188.4	192.7	203.1	230.3	268.4	318.7	381.3	454.6	490.1	521.6	553.2
22.5°	205.0	209.4	222.5	245.1	290.5	349.7	422.6	486.7	520.5	540.6	574.8
20°	220.5	227.5	243.6	269.7	313.3	379.1	462.6	516.5	548.7	572.8	604.3
17.5°	235.6	245.1	264.9	296.5	345.2	412.2	499.0	546.2	577.6	600.9	639.9
15°	250.1	262.3	285.3	321.7	374.9	447.5	523.3	570.5	604.3	627.2	672.8
12.5°	264.1	279.0	304.9	345.1	401.7	478.4	543.9	586.2	619.9	654.9	702.1
10°	277.8	295.3	323.5	366.7	425.7	505.0	561.1	598.8	632.5	677.1	726.2
7.5°	279.8	303.4	338.8	386.7	447.0	527.6	575.3	608.6	645.2	697.4	748.1
5°	279.9	302.8	340.0	391.9	457.1	540.8	585.2	616.1	657.5	715.4	767.7
2.5°	279.6	301.4	340.2	393.6	459.7	542.2	586.6	618.0	664.6	733.1	785.6
0°	279.2	299.3	339.5	393.7	460.0	540.4	586.6	618.7	669.0	749.3	801.5
-2.5°	279.6	301.4	340.2	393.6	459.7	542.2	586.6	618.0	664.6	733.1	785.6
-5°	279.9	302.8	340.0	391.9	457.1	540.8	585.2	616.1	657.5	715.4	767.7
-7.5°	279.8	303.4	338.8	386.7	447.0	527.6	575.3	608.6	645.2	697.4	748.1
-10°	277.8	295.3	323.5	366.7	425.7	505.0	561.1	598.8	632.5	677.1	726.2
-12.5°	264.1	279.0	304.9	345.1	401.7	478.4	543.9	586.2	619.9	654.9	702.1
-15°	250.1	262.3	285.3	321.7	374.9	447.5	523.3	570.5	604.3	627.2	672.8
-17.5°	235.6	245.1	264.9	296.5	345.2	412.2	499.0	546.2	577.6	600.9	639.9
-20°	220.5	227.5	243.6	269.7	313.3	379.1	462.6	516.5	548.7	572.8	604.3



REPORT NUMBER: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	205.0	209.4	222.5	245.1	290.5	349.7	422.6	486.7	520.5	540.6	574.8
-25°	188.4	192.7	203.1	230.3	268.4	318.7	381.3	454.6	490.1	521.6	553.2
-27.5°	171.1	175.2	191.6	214.6	245.5	288.1	344.0	408.2	467.9	505.3	532.6
-30°	153.5	164.9	179.5	199.1	226.5	262.3	307.2	369.1	441.3	483.8	514.2
-32.5°	140.3	154.5	167.8	185.3	207.9	236.1	277.4	334.8	398.3	460.6	493.3
-35°	129.7	143.0	156.1	170.6	188.9	216.4	255.3	300.8	355.8	417.3	466.2
-37.5°	119.0	130.9	143.8	156.1	172.5	200.7	232.2	272.4	318.3	366.9	420.4
-40°	108.0	118.3	130.4	142.2	160.8	185.9	214.4	245.9	284.0	322.5	364.5
-42.5°	96.8	106.1	116.2	129.3	150.2	172.8	196.1	224.2	251.2	280.9	315.7
-45°	85.3	93.8	101.6	118.5	139.5	159.9	181.7	202.8	224.1	245.4	272.2
-47.5°	74.3	81.6	88.9	107.1	127.5	147.5	167.2	184.7	199.9	217.9	234.6
-50°	64.3	70.8	79.5	96.4	114.3	133.9	152.9	166.6	180.3	193.9	208.5
-52.5°	55.7	60.9	71.6	85.6	101.7	119.0	135.7	149.4	161.4	172.9	185.9
-55°	47.4	53.1	63.4	75.5	89.4	104.8	117.4	130.5	143.4	153.9	165.3
-57.5°	40.2	46.5	55.6	65.5	77.6	90.5	101.3	110.8	122.0	133.8	146.7
-60°	33.6	40.1	48.3	56.7	65.5	76.8	86.3	95.1	103.2	111.5	124.2
-62.5°	27.4	33.9	41.1	48.6	56.3	64.4	73.8	81.8	87.8	95.1	103.5
-65°	22.2	27.6	33.9	40.6	47.5	55.1	62.8	70.7	77.8	81.4	85.5
-67.5°	17.1	21.9	27.0	32.4	38.4	44.7	52.3	59.3	66.1	68.8	71.3
-70°	13.3	16.3	20.4	24.9	29.2	33.0	38.5	45.0	51.6	55.0	57.0
-72.5°	9.6	12.1	14.7	17.6	20.9	23.8	26.5	29.1	33.4	38.2	41.7
-75°	7.0	7.9	9.9	12.1	14.1	15.7	17.2	19.4	22.0	24.9	27.8
-77.5°	5.2	5.9	6.7	7.4	8.3	9.8	11.2	12.3	13.7	15.3	17.0
-80°	3.9	4.0	4.6	5.1	5.7	6.3	6.8	7.3	7.8	8.5	9.6
-82.5°	3.7	3.5	3.4	3.4	3.6	3.9	4.1	4.5	4.8	5.2	5.5
-85°	3.2	3.0	2.6	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
-87.5°	1.6	1.5	1.3	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-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: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
82.5°	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.4	7.6	7.7	7.8
80°	10.7	11.6	12.2	12.7	13.1	14.5	16.3	18.1	20.0	20.7	21.2
77.5°	19.2	20.5	21.4	22.1	22.6	25.7	29.7	33.9	38.3	40.6	42.4
75°	30.5	32.1	33.2	34.0	34.5	39.3	46.4	53.9	61.7	65.7	68.6
72.5°	44.1	45.5	46.6	47.5	48.2	55.3	68.1	82.1	97.0	106.0	112.7
70°	58.7	60.3	61.7	62.7	63.6	72.1	90.7	110.2	130.4	150.6	172.1
67.5°	74.3	77.6	79.4	80.4	81.4	88.6	108.6	126.9	143.9	180.4	237.9
65°	91.2	99.0	102.2	104.0	104.7	108.0	125.0	140.4	154.2	182.6	226.5
62.5°	112.8	123.0	127.8	129.8	131.1	131.3	145.2	158.0	169.8	187.6	215.5
60°	136.1	147.2	152.9	154.5	155.6	156.0	167.0	179.8	191.5	206.0	232.0
57.5°	157.4	167.8	176.4	179.7	182.4	184.3	194.0	208.9	222.9	237.4	265.3
55°	177.8	190.3	202.2	208.8	214.9	220.3	229.9	248.8	266.7	283.7	312.7
52.5°	200.0	216.0	231.9	243.8	255.4	265.6	276.0	300.4	324.4	347.0	375.2
50°	226.4	246.2	269.4	288.9	305.6	322.1	336.8	365.8	398.2	429.1	458.8
47.5°	260.0	286.1	315.7	343.5	366.2	391.7	414.8	444.6	473.3	502.0	526.5
45°	301.2	337.4	371.5	408.3	440.7	457.6	471.0	489.5	519.1	547.2	570.2
42.5°	353.9	396.1	438.0	465.4	486.2	499.9	509.7	519.4	550.4	577.6	599.8
40°	412.6	454.9	480.7	503.2	517.6	529.8	545.1	560.2	584.5	612.4	637.1
37.5°	463.4	490.5	513.3	530.9	548.3	564.6	586.7	608.4	631.5	662.8	685.7
35°	494.7	518.5	541.7	563.8	586.1	611.1	638.7	670.6	698.9	731.1	765.9
32.5°	518.6	543.1	571.0	605.1	635.9	670.0	704.5	749.0	792.1	835.8	880.2
30°	539.4	567.7	606.2	650.8	693.6	738.3	784.5	832.1	880.2	928.9	979.2
27.5°	561.6	597.1	643.8	698.7	765.0	831.0	898.4	967.1	1037.1	1108.4	1181.0
25°	588.0	630.8	688.8	763.5	848.5	934.4	1021.3	1109.2	1198.1	1288.0	1379.0
22.5°	619.7	674.2	741.9	826.6	922.6	1019.1	1116.1	1213.6	1312.5	1412.8	1514.5
20°	652.0	714.9	793.2	888.0	994.2	1101.7	1210.5	1319.6	1429.1	1539.0	1650.3
17.5°	690.6	768.4	858.0	963.5	1074.9	1192.2	1315.4	1444.5	1574.5	1705.4	1837.3
15°	724.5	817.7	919.0	1036.5	1160.2	1289.1	1423.2	1562.5	1707.0	1856.5	1997.0
12.5°	705.0	807.9	917.7	1042.4	1172.1	1306.8	1446.5	1591.2	1740.9	1895.6	2045.3
10°	676.3	786.8	903.6	1034.3	1168.0	1306.7	1451.4	1606.1	1770.8	1935.5	2099.2
7.5°	654.1	771.6	894.3	1028.0	1165.7	1305.4	1449.1	1603.8	1768.5	1933.2	2096.9
5°	637.2	760.5	887.0	1024.7	1163.4	1302.1	1445.8	1600.5	1765.2	1930.0	2093.7
2.5°	629.8	757.2	886.5	1023.4	1162.1	1300.8	1444.5	1599.2	1763.9	1928.7	2092.4
0°	634.8	610.7	715.2	924.1	1123.0	1277.6	1556.9	2029.0	2928.9	4860.5	9610.5
-2.5°	629.8	757.2	886.5	1023.4	1162.1	1300.8	1444.5	1599.2	1763.9	1928.7	2092.4
-5°	637.2	760.5	887.0	1024.7	1163.4	1302.1	1445.8	1600.5	1765.2	1930.0	2093.7
-7.5°	654.1	771.6	894.3	1028.0	1165.7	1305.4	1449.1	1603.8	1768.5	1933.2	2096.9
-10°	676.3	786.8	903.6	1034.3	1168.0	1306.7	1451.4	1606.1	1770.8	1935.5	2099.2
-12.5°	705.0	807.9	917.7	1042.4	1172.1	1306.8	1446.5	1591.2	1740.9	1895.6	2045.3
-15°	724.5	817.7	919.0	1036.5	1160.2	1306.7	1446.5	1591.2	1740.9	1895.6	2045.3
-17.5°	690.6	768.4	858.0	963.5	1074.9	1192.2	1315.4	1444.5	1574.5	1705.4	1837.3
-20°	652.0	714.9	793.2	888.0	994.2	1101.7	1210.5	1319.6	1429.1	1539.0	1650.3



REPORT NUMBER: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	619.7	674.2	681.9	586.6	597.0	647.9	726.9	854.1	974.5	1086.2	1169.6
-25°	588.0	630.8	688.8	663.5	586.5	594.4	633.3	692.1	791.2	883.6	964.4
-27.5°	561.6	597.1	643.8	698.7	665.0	581.0	585.4	600.8	652.9	697.0	764.0
-30°	539.4	567.7	606.2	650.8	693.6	678.3	602.4	575.9	583.7	599.3	629.3
-32.5°	518.6	543.1	571.0	605.1	635.9	670.0	704.5	649.0	592.1	569.8	574.4
-35°	494.7	518.5	541.7	563.8	586.1	611.1	638.7	670.6	698.9	673.1	635.9
-37.5°	463.4	490.5	513.3	530.9	548.3	564.6	586.7	608.4	631.5	662.8	685.7
-40°	412.6	454.9	480.7	503.2	517.6	529.8	545.1	560.2	584.5	612.4	637.1
-42.5°	353.9	396.1	438.0	465.4	486.2	499.9	509.7	519.4	550.4	577.6	599.8
-45°	301.2	337.4	371.5	408.3	440.7	457.6	471.0	489.5	519.1	547.2	570.2
-47.5°	260.0	286.1	315.7	343.5	366.2	391.7	414.8	444.6	473.3	502.0	526.5
-50°	226.4	246.2	269.4	288.9	305.6	322.1	336.8	365.8	398.2	429.1	458.8
-52.5°	200.0	216.0	231.9	243.8	255.4	265.6	276.0	300.4	324.4	347.0	375.2
-55°	177.8	190.3	202.2	208.8	214.9	220.3	229.9	248.8	266.7	283.7	312.7
-57.5°	157.4	167.8	176.4	179.7	182.4	184.3	194.0	208.9	222.9	237.4	265.3
-60°	136.1	147.2	152.9	154.5	155.6	156.0	167.0	179.8	191.5	206.0	232.0
-62.5°	112.8	123.0	127.8	129.8	131.1	131.3	145.2	158.0	169.8	187.6	215.5
-65°	91.2	99.0	102.2	104.0	104.7	108.0	125.0	140.4	154.2	182.6	226.5
-67.5°	74.3	77.6	79.4	80.4	81.4	88.6	108.6	126.9	143.9	180.4	237.9
-70°	58.7	60.3	61.7	62.7	63.6	72.1	90.7	110.2	130.4	150.6	172.1
-72.5°	44.1	45.5	46.6	47.5	48.2	55.3	68.1	82.1	97.0	106.0	112.7
-75°	30.5	32.1	33.2	34.0	34.5	39.3	46.4	53.9	61.7	65.7	68.6
-77.5°	19.2	20.5	21.4	22.1	22.6	25.7	29.7	33.9	38.3	40.6	42.4
-80°	10.7	11.6	12.2	12.7	13.1	14.5	16.3	18.1	20.0	20.7	21.2
-82.5°	5.8	6.1	6.4	6.6	6.9	7.1	7.3	7.4	7.6	7.7	7.8
-85°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
82.5°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.4
80°	21.6	21.9	21.1	20.1	21.1	21.9	21.6	21.2	20.7	20.0	18.1
77.5°	44.1	45.7	44.1	42.2	44.1	45.7	44.1	42.4	40.6	38.3	33.9
75°	71.2	73.5	72.2	70.3	72.2	73.5	71.2	68.6	65.7	61.7	53.9
72.5°	118.9	124.8	123.3	120.5	123.3	124.8	118.9	112.7	106.0	97.0	82.1
70°	194.7	217.6	216.6	210.9	216.6	217.6	194.7	172.1	150.6	130.4	110.2
67.5°	300.2	365.0	385.5	395.7	385.5	365.0	300.2	237.9	180.4	143.9	126.9
65°	267.3	306.5	322.0	333.5	322.0	306.5	267.3	226.5	182.6	154.2	140.4
62.5°	240.5	263.7	268.7	269.2	268.7	263.7	240.5	215.5	187.6	169.8	158.0
60°	257.3	282.0	285.7	281.2	285.7	282.0	257.3	232.0	206.0	191.5	179.8
57.5°	292.2	318.1	322.8	317.4	322.8	318.1	292.2	265.3	237.4	222.9	208.9
55°	340.6	366.7	375.3	373.7	375.3	366.7	340.6	312.7	283.7	266.7	248.8
52.5°	402.2	426.2	436.1	435.9	436.1	426.2	402.2	375.2	347.0	324.4	300.4
50°	484.6	506.1	516.8	518.3	516.8	506.1	484.6	458.8	429.1	398.2	365.8
47.5°	544.0	558.2	565.5	566.5	565.5	558.2	544.0	526.5	502.0	473.3	444.6
45°	580.4	588.0	593.8	598.6	593.8	588.0	580.4	570.2	547.2	519.1	489.5
42.5°	614.7	630.5	642.2	644.8	642.2	630.5	614.7	599.8	577.6	550.4	519.4
40°	660.5	682.4	703.3	725.2	703.3	682.4	660.5	637.1	612.4	584.5	560.2
37.5°	709.5	733.8	754.0	765.4	754.0	733.8	709.5	685.7	662.8	631.5	608.4
35°	609.7	593.8	584.3	580.6	584.3	593.8	609.7	635.9	673.1	698.9	670.6
32.5°	577.1	578.2	576.3	572.5	576.3	578.2	577.1	574.4	569.8	592.1	649.0
30°	651.6	662.2	663.5	662.9	663.5	662.2	651.6	629.3	599.3	583.7	575.9
27.5°	813.5	840.7	849.1	865.8	849.1	840.7	813.5	764.0	697.0	652.9	600.8
25°	1026.9	1067.9	1087.6	1094.8	1087.6	1067.9	1026.9	964.4	883.6	791.2	692.1
22.5°	1216.7	1248.0	1266.2	1281.7	1266.2	1248.0	1216.7	1169.6	1086.2	974.5	854.1
20°	1441.5	1498.6	1524.8	1526.7	1524.8	1498.6	1441.5	1344.1	1260.7	1160.8	1026.4
17.5°	1792.5	1903.6	1959.1	1974.7	1959.1	1903.6	1792.5	1635.3	1488.3	1315.6	1188.8
15°	2346.2	2629.8	2775.7	2844.6	2775.7	2629.8	2346.2	2039.7	1789.4	1541.9	1312.9
12.5°	3249.5	3888.8	4405.7	4600.4	4405.7	3888.8	3249.5	2691.7	2148.4	1786.9	1484.0
10°	5039.2	6948.4	9178.7	10219.2	9178.7	6948.4	5039.2	3555.5	2700.0	2036.0	1636.2
7.5°	9748.9	22635.2	43870.8	54000.7	43870.8	22635.2	9748.9	5088.9	3267.6	2356.6	1799.3
5°	20780.1	89680.4	160606.2	188645.7	160606.2	89680.4	20780.1	7081.0	3968.7	2670.8	1918.0
2.5°	33098.2	147087.4	277530.3	324514.2	277530.3	147087.4	33098.2	9311.2	4620.0	2869.1	2003.2
0°	39545.7	155003.0	306248.5	353128.7	306248.5	155003.0	39545.7	9610.5	4860.5	2928.9	2029.0
-2.5°	33098.2	147087.4	277530.3	324514.2	277530.3	147087.4	33098.2	9311.2	4620.0	2869.1	2003.2
-5°	20780.1	89680.4	160606.2	188645.7	160606.2	89680.4	20780.1	7081.0	3968.7	2670.8	1918.0
-7.5°	9748.9	22635.2	43870.8	54000.7	43870.8	22635.2	9748.9	5088.9	3267.6	2356.6	1799.3
-10°	5039.2	6948.4	9178.7	10219.2	9178.7	6948.4	5039.2	3555.5	2700.0	2036.0	1636.2
-12.5°	3249.5	3888.8	4405.7	4600.4	4405.7	3888.8	3249.5	2691.7	2148.4	1786.9	1484.0
-15°	2346.2	2629.8	2775.7	2844.6	2775.7	2629.8	2346.2	2039.7	1789.4	1541.9	1312.9
-17.5°	1792.5	1903.6	1959.1	1974.7	1959.1	1903.6	1792.5	1635.3	1488.3	1315.6	1188.8
-20°	1441.5	1498.6	1524.8	1526.7	1524.8	1498.6	1441.5	1344.1	1260.7	1160.8	1026.4



REPORT NUMBER: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	1216.7	1248.0	1266.2	1281.7	1266.2	1248.0	1216.7	1169.6	1086.2	974.5	854.1
-25°	1026.9	1067.9	1087.6	1094.8	1087.6	1067.9	1026.9	964.4	883.6	791.2	692.1
-27.5°	813.5	840.7	849.1	865.8	849.1	840.7	813.5	764.0	697.0	652.9	600.8
-30°	651.6	662.2	663.5	662.9	663.5	662.2	651.6	629.3	599.3	583.7	575.9
-32.5°	577.1	578.2	576.3	572.5	576.3	578.2	577.1	574.4	569.8	592.1	649.0
-35°	609.7	593.8	584.3	580.6	584.3	593.8	609.7	635.9	673.1	698.9	670.6
-37.5°	709.5	733.8	754.0	765.4	754.0	733.8	709.5	685.7	662.8	631.5	608.4
-40°	660.5	682.4	703.3	725.2	703.3	682.4	660.5	637.1	612.4	584.5	560.2
-42.5°	614.7	630.5	642.2	644.8	642.2	630.5	614.7	599.8	577.6	550.4	519.4
-45°	580.4	588.0	593.8	598.6	593.8	588.0	580.4	570.2	547.2	519.1	489.5
-47.5°	544.0	558.2	565.5	566.5	565.5	558.2	544.0	526.5	502.0	473.3	444.6
-50°	484.6	506.1	516.8	518.3	516.8	506.1	484.6	458.8	429.1	398.2	365.8
-52.5°	402.2	426.2	436.1	435.9	436.1	426.2	402.2	375.2	347.0	324.4	300.4
-55°	340.6	366.7	375.3	373.7	375.3	366.7	340.6	312.7	283.7	266.7	248.8
-57.5°	292.2	318.1	322.8	317.4	322.8	318.1	292.2	265.3	237.4	222.9	208.9
-60°	257.3	282.0	285.7	281.2	285.7	282.0	257.3	232.0	206.0	191.5	179.8
-62.5°	240.5	263.7	268.7	269.2	268.7	263.7	240.5	215.5	187.6	169.8	158.0
-65°	267.3	306.5	322.0	333.5	322.0	306.5	267.3	226.5	182.6	154.2	140.4
-67.5°	300.2	365.0	385.5	395.7	385.5	365.0	300.2	237.9	180.4	143.9	126.9
-70°	194.7	217.6	216.6	210.9	216.6	217.6	194.7	172.1	150.6	130.4	110.2
-72.5°	118.9	124.8	123.3	120.5	123.3	124.8	118.9	112.7	106.0	97.0	82.1
-75°	71.2	73.5	72.2	70.3	72.2	73.5	71.2	68.6	65.7	61.7	53.9
-77.5°	44.1	45.7	44.1	42.2	44.1	45.7	44.1	42.4	40.6	38.3	33.9
-80°	21.6	21.9	21.1	20.1	21.1	21.9	21.6	21.2	20.7	20.0	18.1
-82.5°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.8	7.7	7.6	7.4
-85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-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: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
82.5°	7.3	7.1	6.9	6.6	6.4	6.1	5.8	5.5	5.2	4.8	4.5
80°	16.3	14.5	13.1	12.7	12.2	11.6	10.7	9.6	8.5	7.8	7.3
77.5°	29.7	25.7	22.6	22.1	21.4	20.5	19.2	17.0	15.3	13.7	12.3
75°	46.4	39.3	34.5	34.0	33.2	32.1	30.5	27.8	24.9	22.0	19.4
72.5°	68.1	55.3	48.2	47.5	46.6	45.5	44.1	41.7	38.2	33.4	29.1
70°	90.7	72.1	63.6	62.7	61.7	60.3	58.7	57.0	55.0	51.6	45.0
67.5°	108.6	88.6	81.4	80.4	79.4	77.6	74.3	71.3	68.8	66.1	59.3
65°	125.0	108.0	104.7	104.0	102.2	99.0	91.2	85.5	81.4	77.8	70.7
62.5°	145.2	131.3	131.1	129.8	127.8	123.0	112.8	103.5	95.1	87.8	81.8
60°	167.0	156.0	155.6	154.5	152.9	147.2	136.1	124.2	111.5	103.2	95.1
57.5°	194.0	184.3	182.4	179.7	176.4	167.8	157.4	146.7	133.8	122.0	110.8
55°	229.9	220.3	214.9	208.8	202.2	190.3	177.8	165.3	153.9	143.4	130.5
52.5°	276.0	265.6	255.4	243.8	231.9	216.0	200.0	185.9	172.9	161.4	149.4
50°	336.8	322.1	305.6	288.9	269.4	246.2	226.4	208.5	193.9	180.3	166.6
47.5°	414.8	391.7	366.2	343.5	315.7	286.1	260.0	234.6	217.9	199.9	184.7
45°	471.0	457.6	440.7	408.3	371.5	337.4	301.2	272.2	245.4	224.1	202.8
42.5°	509.7	499.9	486.2	465.4	438.0	396.1	353.9	315.7	280.9	251.2	224.2
40°	545.1	529.8	517.6	503.2	480.7	454.9	412.6	364.5	322.5	284.0	245.9
37.5°	586.7	564.6	548.3	530.9	513.3	490.5	463.4	420.4	366.9	318.3	272.4
35°	638.7	611.1	586.1	563.8	541.7	518.5	494.7	466.2	417.3	355.8	300.8
32.5°	704.5	670.0	635.9	605.1	571.0	543.1	518.6	493.3	460.6	398.3	334.8
30°	602.4	678.3	693.6	650.8	606.2	567.7	539.4	514.2	483.8	441.3	369.1
27.5°	585.4	581.0	665.0	698.7	643.8	597.1	561.6	532.6	505.3	467.9	408.2
25°	633.3	594.4	586.5	663.5	688.8	630.8	588.0	553.2	521.6	490.1	454.6
22.5°	726.9	647.9	597.0	586.6	681.9	674.2	619.7	574.8	540.6	520.5	486.7
20°	880.3	733.7	642.8	598.0	618.2	714.9	652.0	604.3	572.8	548.7	516.5
17.5°	1034.0	868.9	711.9	621.5	600.0	668.4	690.6	639.9	600.9	577.6	546.2
15°	1173.8	994.4	817.8	681.7	611.0	623.7	724.5	672.8	627.2	604.3	570.5
12.5°	1263.8	1105.2	914.2	735.4	630.7	607.9	705.0	702.1	654.9	619.9	586.2
10°	1347.6	1182.9	996.9	809.7	672.6	616.8	676.3	726.2	677.1	632.5	598.8
7.5°	1449.4	1229.7	1058.3	866.7	700.3	620.6	654.1	748.1	697.4	645.2	608.6
5°	1512.2	1262.1	1094.7	899.7	713.0	620.5	637.2	767.7	715.4	657.5	616.1
2.5°	1551.3	1280.2	1112.5	917.4	716.5	617.2	629.8	785.6	733.1	664.6	618.0
0°	1556.9	1277.6	1123.0	924.1	715.2	610.7	634.8	801.5	749.3	669.0	618.7
-2.5°	1551.3	1280.2	1112.5	917.4	716.5	617.2	629.8	785.6	733.1	664.6	618.0
-5°	1512.2	1262.1	1094.7	899.7	713.0	620.5	637.2	767.7	715.4	657.5	616.1
-7.5°	1449.4	1229.7	1058.3	866.7	700.3	620.6	654.1	748.1	697.4	645.2	608.6
-10°	1347.6	1182.9	996.9	809.7	672.6	616.8	676.3	726.2	677.1	632.5	598.8
-12.5°	1263.8	1105.2	914.2	735.4	630.7	607.9	705.0	702.1	654.9	619.9	586.2
-15°	1173.8	994.4	817.8	681.7	611.0	623.7	724.5	672.8	627.2	604.3	570.5
-17.5°	1034.0	868.9	711.9	621.5	600.0	668.4	690.6	639.9	600.9	577.6	546.2
-20°	880.3	733.7	642.8	598.0	618.2	714.9	652.0	604.3	572.8	548.7	516.5





REPORT NUMBER: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	726.9	647.9	597.0	586.6	681.9	674.2	619.7	574.8	540.6	520.5	486.7
-25°	633.3	594.4	586.5	663.5	688.8	630.8	588.0	553.2	521.6	490.1	454.6
-27.5°	585.4	581.0	665.0	698.7	643.8	597.1	561.6	532.6	505.3	467.9	408.2
-30°	602.4	678.3	693.6	650.8	606.2	567.7	539.4	514.2	483.8	441.3	369.1
-32.5°	704.5	670.0	635.9	605.1	571.0	543.1	518.6	493.3	460.6	398.3	334.8
-35°	638.7	611.1	586.1	563.8	541.7	518.5	494.7	466.2	417.3	355.8	300.8
-37.5°	586.7	564.6	548.3	530.9	513.3	490.5	463.4	420.4	366.9	318.3	272.4
-40°	545.1	529.8	517.6	503.2	480.7	454.9	412.6	364.5	322.5	284.0	245.9
-42.5°	509.7	499.9	486.2	465.4	438.0	396.1	353.9	315.7	280.9	251.2	224.2
-45°	471.0	457.6	440.7	408.3	371.5	337.4	301.2	272.2	245.4	224.1	202.8
-47.5°	414.8	391.7	366.2	343.5	315.7	286.1	260.0	234.6	217.9	199.9	184.7
-50°	336.8	322.1	305.6	288.9	269.4	246.2	226.4	208.5	193.9	180.3	166.6
-52.5°	276.0	265.6	255.4	243.8	231.9	216.0	200.0	185.9	172.9	161.4	149.4
-55°	229.9	220.3	214.9	208.8	202.2	190.3	177.8	165.3	153.9	143.4	130.5
-57.5°	194.0	184.3	182.4	179.7	176.4	167.8	157.4	146.7	133.8	122.0	110.8
-60°	167.0	156.0	155.6	154.5	152.9	147.2	136.1	124.2	111.5	103.2	95.1
-62.5°	145.2	131.3	131.1	129.8	127.8	123.0	112.8	103.5	95.1	87.8	81.8
-65°	125.0	108.0	104.7	104.0	102.2	99.0	91.2	85.5	81.4	77.8	70.7
-67.5°	108.6	88.6	81.4	80.4	79.4	77.6	74.3	71.3	68.8	66.1	59.3
-70°	90.7	72.1	63.6	62.7	61.7	60.3	58.7	57.0	55.0	51.6	45.0
-72.5°	68.1	55.3	48.2	47.5	46.6	45.5	44.1	41.7	38.2	33.4	29.1
-75°	46.4	39.3	34.5	34.0	33.2	32.1	30.5	27.8	24.9	22.0	19.4
-77.5°	29.7	25.7	22.6	22.1	21.4	20.5	19.2	17.0	15.3	13.7	12.3
-80°	16.3	14.5	13.1	12.7	12.2	11.6	10.7	9.6	8.5	7.8	7.3
-82.5°	7.3	7.1	6.9	6.6	6.4	6.1	5.8	5.5	5.2	4.8	4.5
-85°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P558977 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	1.4	1.3	1.2	1.1	1.3	1.5	1.6	1.7	1.5	1.4	1.2
85°	2.7	2.6	2.4	2.3	2.6	3.0	3.2	3.4	3.1	2.7	2.4
82.5°	4.1	3.9	3.6	3.4	3.4	3.5	3.7	4.0	4.0	4.0	3.6
80°	6.8	6.3	5.7	5.1	4.6	4.0	3.9	4.0	4.0	4.0	4.0
77.5°	11.2	9.8	8.3	7.4	6.7	5.9	5.2	4.4	4.0	4.0	4.0
75°	17.2	15.7	14.1	12.1	9.9	7.9	7.0	6.1	5.3	4.2	4.0
72.5°	26.5	23.8	20.9	17.6	14.7	12.1	9.6	7.9	7.0	5.9	4.4
70°	38.5	33.0	29.2	24.9	20.4	16.3	13.3	11.0	8.8	7.6	6.1
67.5°	52.3	44.7	38.4	32.4	27.0	21.9	17.1	14.4	12.1	9.4	7.7
65°	62.8	55.1	47.5	40.6	33.9	27.6	22.2	18.4	15.4	12.4	9.3
62.5°	73.8	64.4	56.3	48.6	41.1	33.9	27.4	23.6	19.0	15.5	11.8
60°	86.3	76.8	65.5	56.7	48.3	40.1	33.6	28.9	24.0	18.5	14.6
57.5°	101.3	90.5	77.6	65.5	55.6	46.5	40.2	35.0	29.1	22.9	17.3
55°	117.4	104.8	89.4	75.5	63.4	53.1	47.4	41.5	34.4	27.6	20.3
52.5°	135.7	119.0	101.7	85.6	71.6	60.9	55.7	48.2	40.7	32.3	24.8
50°	152.9	133.9	114.3	96.4	79.5	70.8	64.3	56.2	46.9	37.3	29.7
47.5°	167.2	147.5	127.5	107.1	88.9	81.6	74.3	64.7	53.3	43.1	34.7
45°	181.7	159.9	139.5	118.5	101.6	93.8	85.3	73.5	61.3	49.9	39.9
42.5°	196.1	172.8	150.2	129.3	116.2	106.1	96.8	83.9	69.5	57.1	45.8
40°	214.4	185.9	160.8	142.2	130.4	118.3	108.0	94.9	78.1	65.0	52.2
37.5°	232.2	200.7	172.5	156.1	143.8	130.9	119.0	106.2	88.9	74.0	58.8
35°	255.3	216.4	188.9	170.6	156.1	143.0	129.7	117.1	101.3	83.1	65.5
32.5°	277.4	236.1	207.9	185.3	167.8	154.5	140.3	131.0	114.2	92.3	72.3
30°	307.2	262.3	226.5	199.1	179.5	164.9	153.5	146.5	127.5	101.5	79.3
27.5°	344.0	288.1	245.5	214.6	191.6	175.2	171.1	163.7	141.2	111.6	87.0
25°	381.3	318.7	268.4	230.3	203.1	192.7	188.4	182.1	155.5	122.8	94.5
22.5°	422.6	349.7	290.5	245.1	222.5	209.4	205.0	197.8	170.6	134.0	101.8
20°	462.6	379.1	313.3	269.7	243.6	227.5	220.5	213.2	186.2	145.2	109.0
17.5°	499.0	412.2	345.2	296.5	264.9	245.1	235.6	228.4	202.3	156.2	116.0
15°	523.3	447.5	374.9	321.7	285.3	262.3	250.1	243.2	218.6	167.0	121.0
12.5°	543.9	478.4	401.7	345.1	304.9	279.0	264.1	257.8	234.9	173.9	123.6
10°	561.1	505.0	425.7	366.7	323.5	295.3	277.8	268.0	241.2	177.5	125.9
7.5°	575.3	527.6	447.0	386.7	338.8	303.4	279.8	269.9	245.0	180.1	127.8
5°	585.2	540.8	457.1	391.9	340.0	302.8	279.9	271.4	247.5	181.8	129.3
2.5°	586.6	542.2	459.7	393.6	340.2	301.4	279.6	272.5	248.9	182.7	130.3
0°	586.6	540.4	460.0	393.7	339.5	299.3	279.2	273.2	249.1	182.8	130.6
-2.5°	586.6	542.2	459.7	393.6	340.2	301.4	279.6	272.5	248.9	182.7	130.3
-5°	585.2	540.8	457.1	391.9	340.0	302.8	279.9	271.4	247.5	181.8	129.3
-7.5°	575.3	527.6	447.0	386.7	338.8	303.4	279.8	269.9	245.0	180.1	127.8
-10°	561.1	505.0	425.7	366.7	323.5	295.3	277.8	268.0	241.2	177.5	125.9
-12.5°	543.9	478.4	401.7	345.1	304.9	279.0	264.1	257.8	234.9	173.9	123.6
-15°	523.3	447.5	374.9	321.7	285.3	262.3	250.1	243.2	218.6	167.0	121.0
-17.5°	499.0	412.2	345.2	296.5	264.9	245.1	235.6	228.4	202.3	156.2	116.0
-20°	462.6	379.1	313.3	269.7	243.6	227.5	220.5	213.2	186.2	145.2	109.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	422.6	349.7	290.5	245.1	222.5	209.4	205.0	197.8	170.6	134.0	101.8
-25°	381.3	318.7	268.4	230.3	203.1	192.7	188.4	182.1	155.5	122.8	94.5
-27.5°	344.0	288.1	245.5	214.6	191.6	175.2	171.1	163.7	141.2	111.6	87.0
-30°	307.2	262.3	226.5	199.1	179.5	164.9	153.5	146.5	127.5	101.5	79.3
-32.5°	277.4	236.1	207.9	185.3	167.8	154.5	140.3	131.0	114.2	92.3	72.3
-35°	255.3	216.4	188.9	170.6	156.1	143.0	129.7	117.1	101.3	83.1	65.5
-37.5°	232.2	200.7	172.5	156.1	143.8	130.9	119.0	106.2	88.9	74.0	58.8
-40°	214.4	185.9	160.8	142.2	130.4	118.3	108.0	94.9	78.1	65.0	52.2
-42.5°	196.1	172.8	150.2	129.3	116.2	106.1	96.8	83.9	69.5	57.1	45.8
-45°	181.7	159.9	139.5	118.5	101.6	93.8	85.3	73.5	61.3	49.9	39.9
-47.5°	167.2	147.5	127.5	107.1	88.9	81.6	74.3	64.7	53.3	43.1	34.7
-50°	152.9	133.9	114.3	96.4	79.5	70.8	64.3	56.2	46.9	37.3	29.7
-52.5°	135.7	119.0	101.7	85.6	71.6	60.9	55.7	48.2	40.7	32.3	24.8
-55°	117.4	104.8	89.4	75.5	63.4	53.1	47.4	41.5	34.4	27.6	20.3
-57.5°	101.3	90.5	77.6	65.5	55.6	46.5	40.2	35.0	29.1	22.9	17.3
-60°	86.3	76.8	65.5	56.7	48.3	40.1	33.6	28.9	24.0	18.5	14.6
-62.5°	73.8	64.4	56.3	48.6	41.1	33.9	27.4	23.6	19.0	15.5	11.8
-65°	62.8	55.1	47.5	40.6	33.9	27.6	22.2	18.4	15.4	12.4	9.3
-67.5°	52.3	44.7	38.4	32.4	27.0	21.9	17.1	14.4	12.1	9.4	7.7
-70°	38.5	33.0	29.2	24.9	20.4	16.3	13.3	11.0	8.8	7.6	6.1
-72.5°	26.5	23.8	20.9	17.6	14.7	12.1	9.6	7.9	7.0	5.9	4.4
-75°	17.2	15.7	14.1	12.1	9.9	7.9	7.0	6.1	5.3	4.2	4.0
-77.5°	11.2	9.8	8.3	7.4	6.7	5.9	5.2	4.4	4.0	4.0	4.0
-80°	6.8	6.3	5.7	5.1	4.6	4.0	3.9	4.0	4.0	4.0	4.0
-82.5°	4.1	3.9	3.6	3.4	3.4	3.5	3.7	4.0	4.0	4.0	3.6
-85°	2.7	2.6	2.4	2.3	2.6	3.0	3.2	3.4	3.1	2.7	2.4
-87.5°	1.4	1.3	1.2	1.1	1.3	1.5	1.6	1.7	1.5	1.4	1.2
-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°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
80°	4.0	3.4	2.8	2.1	1.4	0.7	0.0
77.5°	4.0	4.0	3.4	2.6	1.7	0.9	0.0
75°	4.0	4.0	4.0	3.1	2.1	1.0	0.0
72.5°	4.0	4.0	4.0	3.6	2.4	1.2	0.0
70°	4.2	4.0	4.0	4.0	2.7	1.4	0.0
67.5°	5.7	4.0	4.0	4.0	3.1	1.5	0.0
65°	7.2	4.7	4.0	4.0	3.4	1.7	0.0
62.5°	8.7	6.0	4.0	4.0	3.7	1.8	0.0
60°	10.2	7.3	4.0	4.0	4.0	2.0	0.0
57.5°	12.8	8.6	5.0	4.0	4.0	2.1	0.0
55°	15.6	10.0	6.1	4.0	4.1	2.3	0.0
52.5°	18.4	11.5	7.2	4.0	4.1	2.4	0.0
50°	21.3	14.0	8.2	4.0	4.1	2.6	0.0
47.5°	24.5	16.5	9.3	4.2	4.2	2.7	0.0
45°	29.0	19.1	10.3	5.0	4.2	2.8	0.0
42.5°	33.6	21.6	11.3	5.7	4.3	2.9	0.0
40°	38.2	24.2	12.8	6.4	4.4	3.1	0.0
37.5°	42.9	26.7	14.7	7.1	4.5	3.2	0.0
35°	47.6	30.0	16.7	7.7	4.5	3.3	0.0
32.5°	52.5	33.7	18.5	8.2	4.6	3.4	0.0
30°	58.0	37.3	20.4	8.7	4.7	3.5	0.0
27.5°	63.4	40.9	21.5	9.1	4.8	3.5	0.0
25°	68.7	44.3	22.4	9.5	4.9	3.6	0.0
22.5°	74.0	47.1	23.2	9.8	5.0	3.7	0.0
20°	79.1	48.0	23.7	10.0	5.2	3.8	0.0
17.5°	81.7	48.7	24.0	10.1	5.3	3.8	0.0
15°	82.7	48.9	24.2	10.2	5.4	3.9	0.0
12.5°	83.3	48.9	24.2	10.3	5.5	3.9	0.0
10°	83.5	48.5	24.0	10.3	5.6	3.9	0.0
7.5°	83.4	47.8	23.7	10.3	5.7	4.0	0.0
5°	82.8	46.9	23.3	10.2	5.8	4.0	0.0
2.5°	81.8	45.7	22.8	10.1	5.9	4.0	0.0
0°	80.4	44.2	22.1	10.0	6.0	4.0	0.0
-2.5°	81.8	45.7	22.8	10.1	5.9	4.0	0.0
-5°	82.8	46.9	23.3	10.2	5.8	4.0	0.0
-7.5°	83.4	47.8	23.7	10.3	5.7	4.0	0.0
-10°	83.5	48.5	24.0	10.3	5.6	3.9	0.0
-12.5°	83.3	48.9	24.2	10.3	5.5	3.9	0.0
-15°	82.7	48.9	24.2	10.2	5.4	3.9	0.0
-17.5°	81.7	48.7	24.0	10.1	5.3	3.8	0.0
-20°	79.1	48.0	23.7	10.0	5.2	3.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	74.0	47.1	23.2	9.8	5.0	3.7	0.0
-25°	68.7	44.3	22.4	9.5	4.9	3.6	0.0
-27.5°	63.4	40.9	21.5	9.1	4.8	3.5	0.0
-30°	58.0	37.3	20.4	8.7	4.7	3.5	0.0
-32.5°	52.5	33.7	18.5	8.2	4.6	3.4	0.0
-35°	47.6	30.0	16.7	7.7	4.5	3.3	0.0
-37.5°	42.9	26.7	14.7	7.1	4.5	3.2	0.0
-40°	38.2	24.2	12.8	6.4	4.4	3.1	0.0
-42.5°	33.6	21.6	11.3	5.7	4.3	2.9	0.0
-45°	29.0	19.1	10.3	5.0	4.2	2.8	0.0
-47.5°	24.5	16.5	9.3	4.2	4.2	2.7	0.0
-50°	21.3	14.0	8.2	4.0	4.1	2.6	0.0
-52.5°	18.4	11.5	7.2	4.0	4.1	2.4	0.0
-55°	15.6	10.0	6.1	4.0	4.1	2.3	0.0
-57.5°	12.8	8.6	5.0	4.0	4.0	2.1	0.0
-60°	10.2	7.3	4.0	4.0	4.0	2.0	0.0
-62.5°	8.7	6.0	4.0	4.0	3.7	1.8	0.0
-65°	7.2	4.7	4.0	4.0	3.4	1.7	0.0
-67.5°	5.7	4.0	4.0	4.0	3.1	1.5	0.0
-70°	4.2	4.0	4.0	4.0	2.7	1.4	0.0
-72.5°	4.0	4.0	4.0	3.6	2.4	1.2	0.0
-75°	4.0	4.0	4.0	3.1	2.1	1.0	0.0
-77.5°	4.0	4.0	3.4	2.6	1.7	0.9	0.0
-80°	4.0	3.4	2.8	2.1	1.4	0.7	0.0
-82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)