

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: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558961 (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-SA4D-935-U-TSB-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

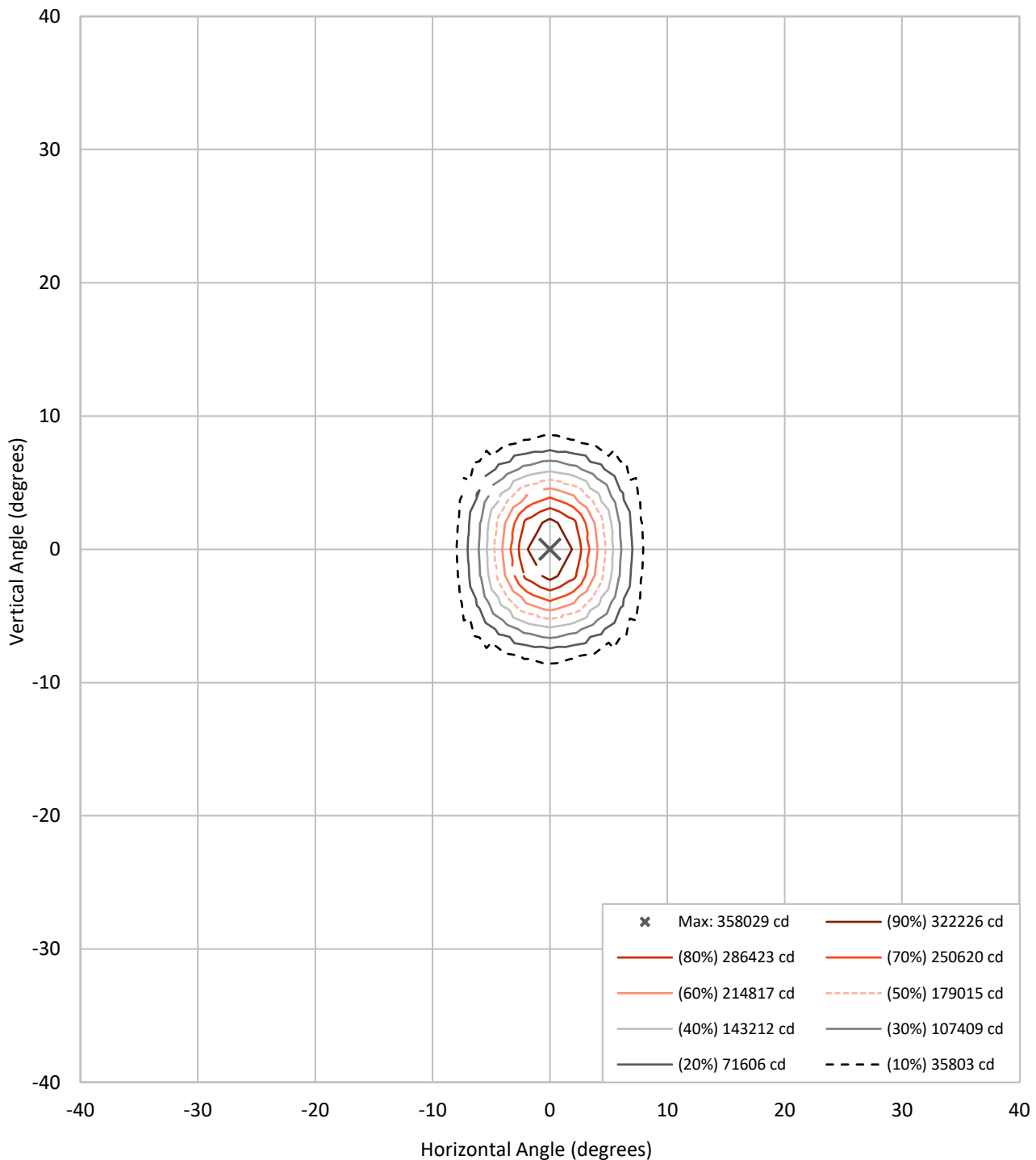
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13942.4 lumens	Max Intensity:	358029 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5976 lumens	Field Lumens:	10299.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 217  
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





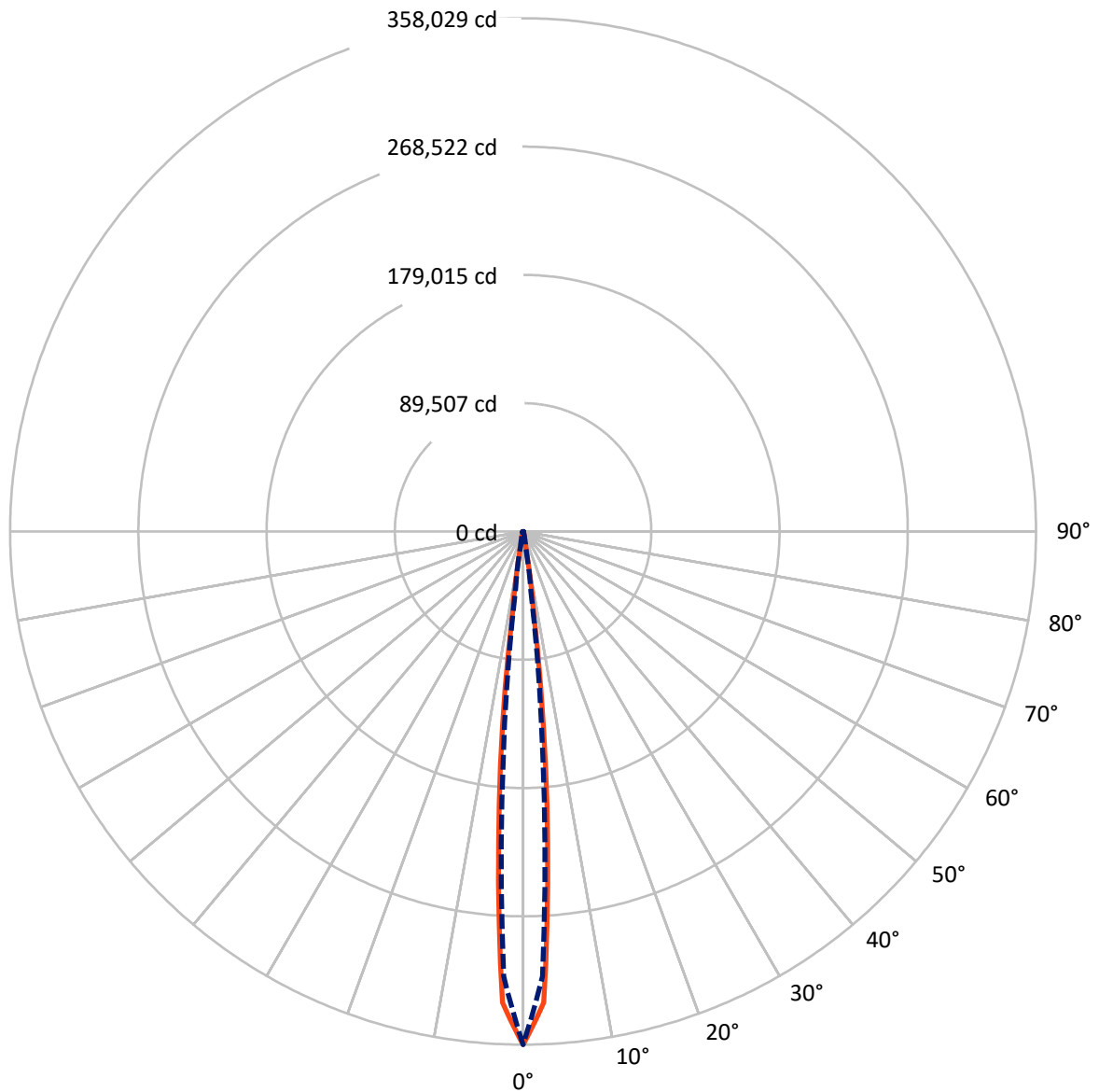
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### Lumen Table

90	0.1	0.4	1.5	3.4	5.8	3.4	1.5	0.4	0.1										
80	0.1	0.4	1.5	3.4	5.8	3.4	1.5	0.4	0.1										
70	0.2	0.3	0.7	1.5	2.4	3.1	4.9	8.7	8.7	4.9	3.1	2.4	1.5	0.7	0.3	0.2			
60		0.6	1.4	2.9	4.5	6.2	8.3	11.3	11.3	8.3	6.2	4.5	2.9	1.4	0.6				
50	0.7	1.0	2.2	4.5	7.9	11.8	15.2	18.1	18.1	15.2	11.8	7.9	4.5	2.2	1.0	0.7			
40		1.5	3.1	6.8	12.3	16.5	18.7	19.8	19.8	18.7	16.5	12.3	6.8	3.1	1.5				
30	1.4	2.3	4.3	9.6	15.0	18.0	24.5	32.2	32.2	24.5	18.0	15.0	9.6	4.3	2.3	1.4			
20		3.0	6.0	12.1	16.6	23.6	47.9	95.7	95.7	47.9	23.6	16.6	12.1	6.0	3.0				
10	1.6	3.4	7.1	13.5	17.3	30.3	94.7	2801.2	2801.2	94.7	30.3	17.3	13.5	7.1	3.4	1.6			
0		3.4	7.1	13.5	17.3	30.3	94.7	2801.2	2801.2	94.7	30.3	17.3	13.5	7.1	3.4				
-10	1.4	3.0	6.0	12.1	16.6	23.6	47.9	95.7	95.7	47.9	23.6	16.6	12.1	6.0	3.0	1.4			
-20		2.3	4.3	9.6	15.0	18.0	24.5	32.2	32.2	24.5	18.0	15.0	9.6	4.3	2.3				
-30	0.7	1.5	3.1	6.8	12.3	16.5	18.7	19.8	19.8	18.7	16.5	12.3	6.8	3.1	1.5	0.7			
-40		1.0	2.2	4.5	7.9	11.8	15.2	18.1	18.1	15.2	11.8	7.9	4.5	2.2	1.0				
-50	0.2	0.6	1.4	2.9	4.5	6.2	8.3	11.3	11.3	8.3	6.2	4.5	2.9	1.4	0.6	0.2			
-60		0.3	0.7	1.5	2.4	3.1	4.9	8.7	8.7	4.9	3.1	2.4	1.5	0.7	0.3				
-70	0.1	0.4	1.5	3.4	5.8	3.4	1.5	0.4	0.1							0.1			
-80		0.4	1.5	3.4	5.8	3.4	1.5	0.4	0.1										
-90	0.1	0.4	1.5	3.4	5.8	3.4	1.5	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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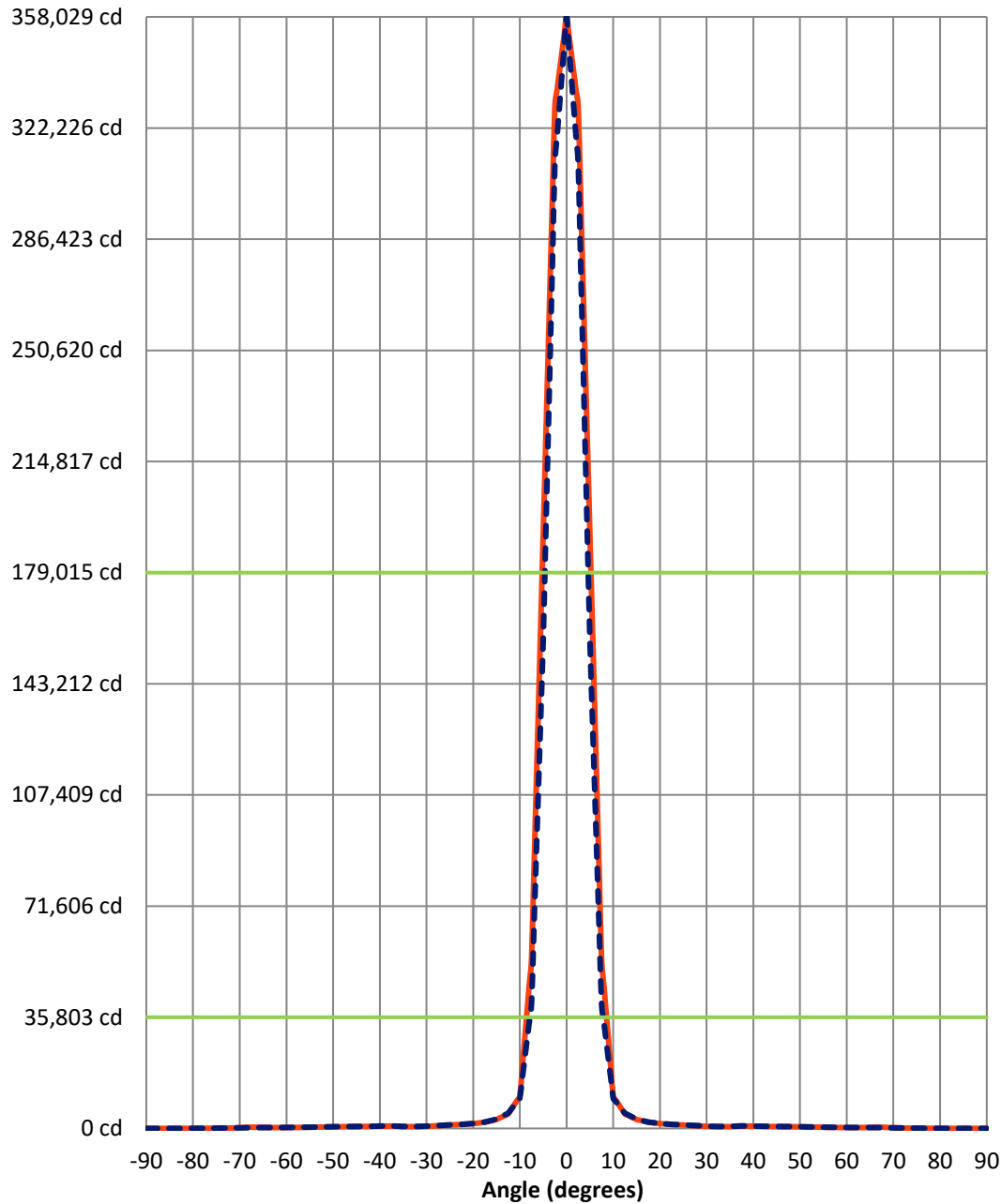
### Luminous Intensity Polar Plot



— 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: 5976  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 10299.5  
Efficiency: 73.9%

**Spill:**  
Lumens: 3642.9  
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	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.1	4.1	4.1
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.1	4.1	4.1	4.1
77.5°	0.0	0.9	1.8	2.7	3.5	4.1	4.1	4.1	4.1	4.1	4.5
75°	0.0	1.1	2.1	3.2	4.1	4.1	4.1	4.1	4.3	5.4	6.2
72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.1	8.0
70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.7	9.0	11.1
67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.8	7.9	9.5	12.3	14.6
65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.5	12.6	15.6	18.7
62.5°	0.0	1.9	3.8	4.1	4.1	6.1	8.9	12.0	15.7	19.3	24.0
60°	0.0	2.0	4.1	4.1	4.1	7.5	10.4	14.8	18.8	24.4	29.4
57.5°	0.0	2.2	4.1	4.1	5.1	8.8	13.0	17.6	23.2	29.5	35.5
55°	0.0	2.4	4.2	4.1	6.2	10.1	15.8	20.6	28.0	34.9	42.1
52.5°	0.0	2.5	4.2	4.1	7.3	11.6	18.7	25.2	32.7	41.2	48.8
50°	0.0	2.6	4.2	4.1	8.4	14.2	21.7	30.1	37.8	47.6	57.0
47.5°	0.0	2.8	4.3	4.3	9.4	16.8	24.9	35.2	43.7	54.1	65.6
45°	0.0	2.9	4.3	5.1	10.4	19.3	29.4	40.4	50.6	62.2	74.5
42.5°	0.0	3.0	4.4	5.8	11.4	21.9	34.1	46.4	57.9	70.5	85.0
40°	0.0	3.1	4.5	6.5	12.9	24.5	38.8	52.9	65.9	79.1	96.2
37.5°	0.0	3.3	4.6	7.2	14.9	27.1	43.5	59.6	75.0	90.0	107.7
35°	0.0	3.4	4.6	7.8	16.9	30.5	48.2	66.4	84.2	102.6	118.8
32.5°	0.0	3.5	4.7	8.4	18.8	34.2	53.3	73.3	93.5	115.8	132.8
30°	0.0	3.6	4.8	8.8	20.6	37.9	58.8	80.5	102.9	129.3	148.5
27.5°	0.0	3.6	4.9	9.2	21.8	41.5	64.3	88.2	113.1	143.2	165.9
25°	0.0	3.7	5.0	9.6	22.8	45.0	69.7	95.8	124.5	157.7	184.6
22.5°	0.0	3.8	5.1	9.9	23.5	47.7	75.0	103.3	135.9	172.9	200.5
20°	0.0	3.9	5.3	10.1	24.0	48.7	80.2	110.5	147.2	188.8	216.2
17.5°	0.0	3.9	5.4	10.3	24.4	49.4	82.9	117.6	158.4	205.2	231.6
15°	0.0	4.0	5.5	10.4	24.6	49.6	83.9	122.7	169.3	221.7	246.6
12.5°	0.0	4.0	5.6	10.5	24.6	49.6	84.5	125.3	176.4	238.2	261.4
10°	0.0	4.0	5.7	10.5	24.4	49.2	84.7	127.7	179.9	244.6	271.8
7.5°	0.0	4.1	5.8	10.5	24.1	48.5	84.5	129.6	182.6	248.4	273.6
5°	0.0	4.1	5.9	10.4	23.6	47.5	83.9	131.1	184.4	251.0	275.2
2.5°	0.0	4.1	6.0	10.3	23.1	46.3	82.9	132.1	185.3	252.4	276.3
0°	0.0	4.1	6.1	10.2	22.4	44.8	81.5	132.4	185.3	252.6	277.0
-2.5°	0.0	4.1	6.0	10.3	23.1	46.3	82.9	132.1	185.3	252.4	276.3
-5°	0.0	4.1	5.9	10.4	23.6	47.5	83.9	131.1	184.4	251.0	275.2
-7.5°	0.0	4.1	5.8	10.5	24.1	48.5	84.5	129.6	182.6	248.4	273.6
-10°	0.0	4.0	5.7	10.5	24.4	49.2	84.7	127.7	179.9	244.6	271.8
-12.5°	0.0	4.0	5.6	10.5	24.6	49.6	84.5	125.3	176.4	238.2	261.4
-15°	0.0	4.0	5.5	10.4	24.6	49.6	83.9	122.7	169.3	221.7	246.6
-17.5°	0.0	3.9	5.4	10.3	24.4	49.4	82.9	117.6	158.4	205.2	231.6
-20°	0.0	3.9	5.3	10.1	24.0	48.7	80.2	110.5	147.2	188.8	216.2



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 CATALOG NUMBER: GFLD-SA4D-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	3.8	5.1	9.9	23.5	47.7	75.0	103.3	135.9	172.9	200.5
-25°	0.0	3.7	5.0	9.6	22.8	45.0	69.7	95.8	124.5	157.7	184.6
-27.5°	0.0	3.6	4.9	9.2	21.8	41.5	64.3	88.2	113.1	143.2	165.9
-30°	0.0	3.6	4.8	8.8	20.6	37.9	58.8	80.5	102.9	129.3	148.5
-32.5°	0.0	3.5	4.7	8.4	18.8	34.2	53.3	73.3	93.5	115.8	132.8
-35°	0.0	3.4	4.6	7.8	16.9	30.5	48.2	66.4	84.2	102.6	118.8
-37.5°	0.0	3.3	4.6	7.2	14.9	27.1	43.5	59.6	75.0	90.0	107.7
-40°	0.0	3.1	4.5	6.5	12.9	24.5	38.8	52.9	65.9	79.1	96.2
-42.5°	0.0	3.0	4.4	5.8	11.4	21.9	34.1	46.4	57.9	70.5	85.0
-45°	0.0	2.9	4.3	5.1	10.4	19.3	29.4	40.4	50.6	62.2	74.5
-47.5°	0.0	2.8	4.3	4.3	9.4	16.8	24.9	35.2	43.7	54.1	65.6
-50°	0.0	2.6	4.2	4.1	8.4	14.2	21.7	30.1	37.8	47.6	57.0
-52.5°	0.0	2.5	4.2	4.1	7.3	11.6	18.7	25.2	32.7	41.2	48.8
-55°	0.0	2.4	4.2	4.1	6.2	10.1	15.8	20.6	28.0	34.9	42.1
-57.5°	0.0	2.2	4.1	4.1	5.1	8.8	13.0	17.6	23.2	29.5	35.5
-60°	0.0	2.0	4.1	4.1	4.1	7.5	10.4	14.8	18.8	24.4	29.4
-62.5°	0.0	1.9	3.8	4.1	4.1	6.1	8.9	12.0	15.7	19.3	24.0
-65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.5	12.6	15.6	18.7
-67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.8	7.9	9.5	12.3	14.6
-70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.7	9.0	11.1
-72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.1	8.0
-75°	0.0	1.1	2.1	3.2	4.1	4.1	4.1	4.1	4.3	5.4	6.2
-77.5°	0.0	0.9	1.8	2.7	3.5	4.1	4.1	4.1	4.1	4.1	4.5
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.1	4.1	4.1	4.1
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.1	4.1	4.1
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	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°	1.7	1.5	1.4	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	3.3	3.1	2.7	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.2
82.5°	3.8	3.6	3.5	3.5	3.7	3.9	4.2	4.6	4.9	5.3	5.6
80°	4.0	4.1	4.7	5.2	5.8	6.4	6.9	7.4	7.9	8.6	9.7
77.5°	5.3	6.0	6.8	7.5	8.4	10.0	11.3	12.4	13.9	15.5	17.2
75°	7.1	8.0	10.0	12.3	14.3	15.9	17.4	19.6	22.3	25.3	28.2
72.5°	9.7	12.2	14.9	17.8	21.2	24.1	26.9	29.6	34.0	38.8	42.3
70°	13.4	16.5	20.6	25.3	29.7	33.5	39.1	45.7	52.4	55.8	57.8
67.5°	17.3	22.2	27.4	32.9	39.0	45.3	53.0	60.2	67.0	69.8	72.4
65°	22.5	28.0	34.4	41.2	48.2	55.8	63.7	71.7	78.9	82.5	86.6
62.5°	27.7	34.4	41.7	49.3	57.1	65.3	74.9	82.9	89.0	96.4	105.0
60°	34.1	40.7	49.0	57.5	66.4	77.9	87.4	96.4	104.7	113.0	125.9
57.5°	40.8	47.2	56.4	66.4	78.7	91.8	102.6	112.3	123.7	135.6	148.7
55°	48.1	53.9	64.2	76.6	90.6	106.3	119.0	132.3	145.4	156.1	167.7
52.5°	56.5	61.7	72.6	86.8	103.2	120.7	137.6	151.5	163.7	175.4	188.5
50°	65.2	71.8	80.6	97.7	115.9	135.8	155.0	169.0	182.8	196.6	211.3
47.5°	75.4	82.7	90.1	108.6	129.3	149.6	169.5	187.3	202.6	220.9	237.9
45°	86.5	95.1	103.0	120.2	141.4	162.1	184.2	205.6	227.2	248.8	275.9
42.5°	98.1	107.6	117.8	131.1	152.3	175.2	198.9	227.3	254.7	284.8	320.1
40°	109.5	120.0	132.2	144.2	162.9	188.4	217.4	249.3	287.9	327.0	369.6
37.5°	120.6	132.8	145.9	158.2	174.8	203.5	235.5	276.2	322.7	372.1	426.3
35°	131.5	145.0	158.3	172.9	191.6	219.5	258.8	304.9	360.8	423.1	472.7
32.5°	142.2	156.7	170.2	187.8	210.8	239.4	281.3	339.4	403.8	467.0	500.2
30°	155.6	167.2	182.0	201.9	229.6	266.0	311.4	374.1	447.4	490.5	521.4
27.5°	173.5	177.6	194.3	217.6	248.9	292.1	348.7	413.8	474.4	512.3	539.9
25°	191.1	195.4	205.9	233.5	272.1	323.1	386.6	460.9	496.9	528.9	560.8
22.5°	207.9	212.4	225.6	248.5	294.5	354.6	428.4	493.4	527.7	548.1	582.8
20°	223.6	230.6	247.0	273.4	317.6	384.4	469.0	523.7	556.3	580.7	612.7
17.5°	238.9	248.5	268.6	300.7	349.9	417.9	505.9	553.7	585.6	609.2	648.8
15°	253.6	265.9	289.3	326.1	380.1	453.8	530.5	578.4	612.7	635.9	682.2
12.5°	267.8	282.9	309.1	349.9	407.3	485.1	551.4	594.3	628.5	664.0	711.8
10°	281.6	299.3	328.0	371.8	431.7	512.1	568.9	607.1	641.3	686.5	736.4
7.5°	283.7	307.6	343.5	392.1	453.3	534.9	583.3	617.1	654.2	707.1	758.6
5°	283.8	307.0	344.7	397.3	463.5	548.4	593.3	624.6	666.6	725.4	778.4
2.5°	283.5	305.6	345.0	399.1	466.1	549.8	594.8	626.6	673.7	743.3	796.6
0°	283.1	303.5	344.2	399.2	466.4	547.9	594.7	627.3	678.2	759.7	812.7
-2.5°	283.5	305.6	345.0	399.1	466.1	549.8	594.8	626.6	673.7	743.3	796.6
-5°	283.8	307.0	344.7	397.3	463.5	548.4	593.3	624.6	666.6	725.4	778.4
-7.5°	283.7	307.6	343.5	392.1	453.3	534.9	583.3	617.1	654.2	707.1	758.6
-10°	281.6	299.3	328.0	371.8	431.7	512.1	568.9	607.1	641.3	686.5	736.4
-12.5°	267.8	282.9	309.1	349.9	407.3	485.1	551.4	594.3	628.5	664.0	711.8
-15°	253.6	265.9	289.3	326.1	380.1	453.8	530.5	578.4	612.7	635.9	682.2
-17.5°	238.9	248.5	268.6	300.7	349.9	417.9	505.9	553.7	585.6	609.2	648.8
-20°	223.6	230.6	247.0	273.4	317.6	384.4	469.0	523.7	556.3	580.7	612.7



REPORT NUMBER: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	207.9	212.4	225.6	248.5	294.5	354.6	428.4	493.4	527.7	548.1	582.8
-25°	191.1	195.4	205.9	233.5	272.1	323.1	386.6	460.9	496.9	528.9	560.8
-27.5°	173.5	177.6	194.3	217.6	248.9	292.1	348.7	413.8	474.4	512.3	539.9
-30°	155.6	167.2	182.0	201.9	229.6	266.0	311.4	374.1	447.4	490.5	521.4
-32.5°	142.2	156.7	170.2	187.8	210.8	239.4	281.3	339.4	403.8	467.0	500.2
-35°	131.5	145.0	158.3	172.9	191.6	219.5	258.8	304.9	360.8	423.1	472.7
-37.5°	120.6	132.8	145.9	158.2	174.8	203.5	235.5	276.2	322.7	372.1	426.3
-40°	109.5	120.0	132.2	144.2	162.9	188.4	217.4	249.3	287.9	327.0	369.6
-42.5°	98.1	107.6	117.8	131.1	152.3	175.2	198.9	227.3	254.7	284.8	320.1
-45°	86.5	95.1	103.0	120.2	141.4	162.1	184.2	205.6	227.2	248.8	275.9
-47.5°	75.4	82.7	90.1	108.6	129.3	149.6	169.5	187.3	202.6	220.9	237.9
-50°	65.2	71.8	80.6	97.7	115.9	135.8	155.0	169.0	182.8	196.6	211.3
-52.5°	56.5	61.7	72.6	86.8	103.2	120.7	137.6	151.5	163.7	175.4	188.5
-55°	48.1	53.9	64.2	76.6	90.6	106.3	119.0	132.3	145.4	156.1	167.7
-57.5°	40.8	47.2	56.4	66.4	78.7	91.8	102.6	112.3	123.7	135.6	148.7
-60°	34.1	40.7	49.0	57.5	66.4	77.9	87.4	96.4	104.7	113.0	125.9
-62.5°	27.7	34.4	41.7	49.3	57.1	65.3	74.9	82.9	89.0	96.4	105.0
-65°	22.5	28.0	34.4	41.2	48.2	55.8	63.7	71.7	78.9	82.5	86.6
-67.5°	17.3	22.2	27.4	32.9	39.0	45.3	53.0	60.2	67.0	69.8	72.4
-70°	13.4	16.5	20.6	25.3	29.7	33.5	39.1	45.7	52.4	55.8	57.8
-72.5°	9.7	12.2	14.9	17.8	21.2	24.1	26.9	29.6	34.0	38.8	42.3
-75°	7.1	8.0	10.0	12.3	14.3	15.9	17.4	19.6	22.3	25.3	28.2
-77.5°	5.3	6.0	6.8	7.5	8.4	10.0	11.3	12.4	13.9	15.5	17.2
-80°	4.0	4.1	4.7	5.2	5.8	6.4	6.9	7.4	7.9	8.6	9.7
-82.5°	3.8	3.6	3.5	3.5	3.7	3.9	4.2	4.6	4.9	5.3	5.6
-85°	3.3	3.1	2.7	2.3	2.5	2.6	2.7	2.9	3.0	3.1	3.2
-87.5°	1.7	1.5	1.4	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: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	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	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.0
82.5°	5.9	6.2	6.5	6.7	7.0	7.2	7.4	7.5	7.7	7.8	7.9
80°	10.8	11.7	12.4	12.9	13.2	14.7	16.5	18.4	20.3	21.0	21.5
77.5°	19.4	20.8	21.7	22.4	22.9	26.0	30.1	34.4	38.8	41.1	43.0
75°	30.9	32.6	33.7	34.5	35.0	39.8	47.1	54.6	62.5	66.6	69.5
72.5°	44.7	46.2	47.2	48.2	48.8	56.0	69.0	83.2	98.3	107.5	114.2
70°	59.6	61.2	62.5	63.6	64.4	73.1	92.0	111.8	132.2	152.7	174.5
67.5°	75.3	78.7	80.5	81.5	82.6	89.9	110.1	128.7	145.9	182.9	241.2
65°	92.5	100.4	103.6	105.5	106.1	109.5	126.8	142.3	156.3	185.2	229.6
62.5°	114.4	124.8	129.5	131.6	132.9	133.1	147.2	160.2	172.1	190.1	218.4
60°	138.0	149.2	155.0	156.7	157.7	158.1	169.3	182.2	194.2	208.8	235.2
57.5°	159.6	170.1	178.8	182.2	184.9	186.8	196.7	211.8	226.0	240.7	269.1
55°	180.2	192.9	205.0	211.6	217.9	223.4	233.1	252.3	270.5	287.7	317.1
52.5°	202.7	218.9	235.0	247.1	259.0	269.3	279.8	304.6	328.9	351.8	380.4
50°	229.5	249.6	273.1	292.9	309.8	326.6	341.5	370.8	403.7	435.0	465.1
47.5°	263.6	290.1	320.1	348.2	371.2	397.1	420.6	450.7	479.8	508.9	533.8
45°	305.4	342.1	376.6	414.0	446.8	463.9	477.6	496.4	526.3	554.8	578.1
42.5°	358.9	401.6	444.1	471.9	493.0	506.9	516.8	526.7	558.1	585.6	608.1
40°	418.3	461.2	487.4	510.2	524.8	537.2	552.7	568.0	592.6	620.9	646.0
37.5°	469.8	497.4	520.5	538.3	556.0	572.4	594.8	616.8	640.3	672.0	695.2
35°	501.6	525.8	549.2	571.6	594.2	619.5	647.5	679.9	708.6	682.5	644.7
32.5°	525.8	550.6	578.9	613.5	644.7	679.3	714.3	658.0	600.3	577.8	582.4
30°	546.8	575.6	614.7	659.8	703.2	687.7	610.8	583.9	591.8	607.6	638.1
27.5°	569.4	605.4	652.8	708.4	674.3	589.1	593.6	609.2	661.9	706.7	774.6
25°	596.1	639.5	698.3	672.6	594.6	602.7	642.2	701.7	802.2	895.9	977.8
22.5°	628.3	683.6	691.3	594.7	605.3	656.9	737.0	866.0	988.1	1101.3	1185.8
20°	661.1	724.8	626.8	606.3	651.6	743.8	892.5	1040.6	1176.9	1278.2	1362.8
17.5°	700.2	677.7	608.4	630.1	721.8	881.0	1048.4	1205.3	1333.8	1508.9	1658.0
15°	734.5	632.4	619.5	691.2	829.1	1008.3	1190.1	1331.1	1563.3	1814.2	2068.1
12.5°	714.8	616.3	639.4	745.7	926.9	1120.5	1281.3	1504.5	1811.7	2178.2	2729.1
10°	685.7	625.3	681.9	820.9	1010.7	1199.3	1366.4	1658.9	2064.3	2737.5	3604.8
7.5°	663.2	629.2	710.0	878.7	1072.9	1246.8	1469.5	1824.3	2389.3	3312.9	5159.6
5°	646.1	629.1	722.9	912.1	1109.9	1279.7	1533.2	1944.5	2707.8	4023.8	7179.3
2.5°	638.6	625.8	726.4	930.1	1127.9	1298.0	1572.8	2031.0	2908.9	4684.1	9440.4
0°	643.6	619.2	725.1	936.9	1138.5	1295.4	1578.5	2057.1	2969.6	4927.9	9743.8
-2.5°	638.6	625.8	726.4	930.1	1127.9	1298.0	1572.8	2031.0	2908.9	4684.1	9440.4
-5°	646.1	629.1	722.9	912.1	1109.9	1279.7	1533.2	1944.5	2707.8	4023.8	7179.3
-7.5°	663.2	629.2	710.0	878.7	1072.9	1246.8	1469.5	1824.3	2389.3	3312.9	5159.6
-10°	685.7	625.3	681.9	820.9	1010.7	1199.3	1366.4	1658.9	2064.3	2737.5	3604.8
-12.5°	714.8	616.3	639.4	745.7	926.9	1120.5	1281.3	1504.5	1811.7	2178.2	2729.1
-15°	734.5	632.4	619.5	691.2	829.1	1008.3	1190.1	1331.1	1563.3	1814.2	2068.1
-17.5°	700.2	677.7	608.4	630.1	721.8	881.0	1048.4	1205.3	1333.8	1508.9	1658.0
-20°	661.1	724.8	626.8	606.3	651.6	743.8	892.5	1040.6	1176.9	1278.2	1362.8



REPORT NUMBER: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	628.3	683.6	691.3	594.7	605.3	656.9	737.0	866.0	988.1	1101.3	1185.8
-25°	596.1	639.5	698.3	672.6	594.6	602.7	642.2	701.7	802.2	895.9	977.8
-27.5°	569.4	605.4	652.8	708.4	674.3	589.1	593.6	609.2	661.9	706.7	774.6
-30°	546.8	575.6	614.7	659.8	703.2	687.7	610.8	583.9	591.8	607.6	638.1
-32.5°	525.8	550.6	578.9	613.5	644.7	679.3	714.3	658.0	600.3	577.8	582.4
-35°	501.6	525.8	549.2	571.6	594.2	619.5	647.5	679.9	708.6	682.5	644.7
-37.5°	469.8	497.4	520.5	538.3	556.0	572.4	594.8	616.8	640.3	672.0	695.2
-40°	418.3	461.2	487.4	510.2	524.8	537.2	552.7	568.0	592.6	620.9	646.0
-42.5°	358.9	401.6	444.1	471.9	493.0	506.9	516.8	526.7	558.1	585.6	608.1
-45°	305.4	342.1	376.6	414.0	446.8	463.9	477.6	496.4	526.3	554.8	578.1
-47.5°	263.6	290.1	320.1	348.2	371.2	397.1	420.6	450.7	479.8	508.9	533.8
-50°	229.5	249.6	273.1	292.9	309.8	326.6	341.5	370.8	403.7	435.0	465.1
-52.5°	202.7	218.9	235.0	247.1	259.0	269.3	279.8	304.6	328.9	351.8	380.4
-55°	180.2	192.9	205.0	211.6	217.9	223.4	233.1	252.3	270.5	287.7	317.1
-57.5°	159.6	170.1	178.8	182.2	184.9	186.8	196.7	211.8	226.0	240.7	269.1
-60°	138.0	149.2	155.0	156.7	157.7	158.1	169.3	182.2	194.2	208.8	235.2
-62.5°	114.4	124.8	129.5	131.6	132.9	133.1	147.2	160.2	172.1	190.1	218.4
-65°	92.5	100.4	103.6	105.5	106.1	109.5	126.8	142.3	156.3	185.2	229.6
-67.5°	75.3	78.7	80.5	81.5	82.6	89.9	110.1	128.7	145.9	182.9	241.2
-70°	59.6	61.2	62.5	63.6	64.4	73.1	92.0	111.8	132.2	152.7	174.5
-72.5°	44.7	46.2	47.2	48.2	48.8	56.0	69.0	83.2	98.3	107.5	114.2
-75°	30.9	32.6	33.7	34.5	35.0	39.8	47.1	54.6	62.5	66.6	69.5
-77.5°	19.4	20.8	21.7	22.4	22.9	26.0	30.1	34.4	38.8	41.1	43.0
-80°	10.8	11.7	12.4	12.9	13.2	14.7	16.5	18.4	20.3	21.0	21.5
-82.5°	5.9	6.2	6.5	6.7	7.0	7.2	7.4	7.5	7.7	7.8	7.9
-85°	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.0
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
82.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.5
80°	21.9	22.2	21.4	20.4	21.4	22.2	21.9	21.5	21.0	20.3	18.4
77.5°	44.7	46.3	44.7	42.8	44.7	46.3	44.7	43.0	41.1	38.8	34.4
75°	72.2	74.6	73.3	71.3	73.3	74.6	72.2	69.5	66.6	62.5	54.6
72.5°	120.5	126.5	125.0	122.2	125.0	126.5	120.5	114.2	107.5	98.3	83.2
70°	197.4	220.6	219.6	213.9	219.6	220.6	197.4	174.5	152.7	132.2	111.8
67.5°	304.3	370.0	390.8	401.2	390.8	370.0	304.3	241.2	182.9	145.9	128.7
65°	271.0	310.7	326.4	338.1	326.4	310.7	271.0	229.6	185.2	156.3	142.3
62.5°	243.8	267.3	272.4	272.9	272.4	267.3	243.8	218.4	190.1	172.1	160.2
60°	260.9	285.9	289.6	285.1	289.6	285.9	260.9	235.2	208.8	194.2	182.2
57.5°	296.3	322.5	327.3	321.8	327.3	322.5	296.3	269.1	240.7	226.0	211.8
55°	345.3	371.7	380.5	378.8	380.5	371.7	345.3	317.1	287.7	270.5	252.3
52.5°	407.8	432.2	442.2	442.0	442.2	432.2	407.8	380.4	351.8	328.9	304.6
50°	491.3	513.2	524.0	525.5	524.0	513.2	491.3	465.1	435.0	403.7	370.8
47.5°	551.6	565.9	573.4	574.4	573.4	565.9	551.6	533.8	508.9	479.8	450.7
45°	588.5	596.2	602.0	607.0	602.0	596.2	588.5	578.1	554.8	526.3	496.4
42.5°	623.2	639.3	651.1	653.8	651.1	639.3	623.2	608.1	585.6	558.1	526.7
40°	669.7	691.9	713.1	735.3	713.1	691.9	669.7	646.0	620.9	592.6	568.0
37.5°	719.4	744.0	764.5	776.0	764.5	744.0	719.4	695.2	672.0	640.3	616.8
35°	618.2	602.0	592.4	588.6	592.4	602.0	618.2	644.7	682.5	708.6	679.9
32.5°	585.1	586.2	584.3	580.5	584.3	586.2	585.1	582.4	577.8	600.3	658.0
30°	660.7	671.4	672.7	672.1	672.7	671.4	660.7	638.1	607.6	591.8	583.9
27.5°	824.8	852.3	860.9	877.8	860.9	852.3	824.8	774.6	706.7	661.9	609.2
25°	1041.2	1082.8	1102.7	1110.0	1102.7	1082.8	1041.2	977.8	895.9	802.2	701.7
22.5°	1233.6	1265.3	1283.8	1299.4	1283.8	1265.3	1233.6	1185.8	1101.3	988.1	866.0
20°	1461.5	1519.4	1545.9	1547.9	1545.9	1519.4	1461.5	1362.8	1278.2	1176.9	1040.6
17.5°	1817.4	1930.1	1986.3	2002.1	1986.3	1930.1	1817.4	1658.0	1508.9	1333.8	1205.3
15°	2378.8	2666.3	2814.2	2884.0	2814.2	2666.3	2378.8	2068.1	1814.2	1563.3	1331.1
12.5°	3294.6	3942.8	4466.9	4664.2	4466.9	3942.8	3294.6	2729.1	2178.2	1811.7	1504.5
10°	5109.2	7044.8	9306.0	10361.0	9306.0	7044.8	5109.2	3604.8	2737.5	2064.3	1658.9
7.5°	9884.2	22949.3	44479.6	54750.1	44479.6	22949.3	9884.2	5159.6	3312.9	2389.3	1824.3
5°	21068.5	90924.8	162835.0	191263.5	162835.0	90924.8	21068.5	7179.3	4023.8	2707.8	1944.5
2.5°	33557.5	149128.5	281381.6	329017.5	281381.6	149128.5	33557.5	9440.4	4684.1	2908.9	2031.0
0°	40094.5	157154.0	310498.3	358029.0	310498.3	157154.0	40094.5	9743.8	4927.9	2969.6	2057.1
-2.5°	33557.5	149128.5	281381.6	329017.4	281381.6	149128.5	33557.5	9440.4	4684.1	2908.9	2031.0
-5°	21068.5	90924.8	162835.0	191263.5	162835.0	90924.8	21068.5	7179.3	4023.8	2707.8	1944.5
-7.5°	9884.2	22949.3	44479.6	54750.1	44479.6	22949.3	9884.2	5159.6	3312.9	2389.3	1824.3
-10°	5109.2	7044.8	9306.0	10361.0	9306.0	7044.8	5109.2	3604.8	2737.5	2064.3	1658.9
-12.5°	3294.6	3942.8	4466.9	4664.2	4466.9	3942.8	3294.6	2729.1	2178.2	1811.7	1504.5
-15°	2378.8	2666.3	2814.2	2884.0	2814.2	2666.3	2378.8	2068.1	1814.2	1563.3	1331.1
-17.5°	1817.4	1930.1	1986.3	2002.1	1986.3	1930.1	1817.4	1658.0	1508.9	1333.8	1205.3
-20°	1461.5	1519.4	1545.9	1547.9	1545.9	1519.4	1461.5	1362.8	1278.2	1176.9	1040.6



REPORT NUMBER: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	1233.6	1265.3	1283.8	1299.4	1283.8	1265.3	1233.6	1185.8	1101.3	988.1	866.0
-25°	1041.2	1082.8	1102.7	1110.0	1102.7	1082.8	1041.2	977.8	895.9	802.2	701.7
-27.5°	824.8	852.3	860.9	877.8	860.9	852.3	824.8	774.6	706.7	661.9	609.2
-30°	660.7	671.4	672.7	672.1	672.7	671.4	660.7	638.1	607.6	591.8	583.9
-32.5°	585.1	586.2	584.3	580.5	584.3	586.2	585.1	582.4	577.8	600.3	658.0
-35°	618.2	602.0	592.4	588.6	592.4	602.0	618.2	644.7	682.5	708.6	679.9
-37.5°	719.4	744.0	764.5	776.0	764.5	744.0	719.4	695.2	672.0	640.3	616.8
-40°	669.7	691.9	713.1	735.3	713.1	691.9	669.7	646.0	620.9	592.6	568.0
-42.5°	623.2	639.3	651.1	653.8	651.1	639.3	623.2	608.1	585.6	558.1	526.7
-45°	588.5	596.2	602.0	607.0	602.0	596.2	588.5	578.1	554.8	526.3	496.4
-47.5°	551.6	565.9	573.4	574.4	573.4	565.9	551.6	533.8	508.9	479.8	450.7
-50°	491.3	513.2	524.0	525.5	524.0	513.2	491.3	465.1	435.0	403.7	370.8
-52.5°	407.8	432.2	442.2	442.0	442.2	432.2	407.8	380.4	351.8	328.9	304.6
-55°	345.3	371.7	380.5	378.8	380.5	371.7	345.3	317.1	287.7	270.5	252.3
-57.5°	296.3	322.5	327.3	321.8	327.3	322.5	296.3	269.1	240.7	226.0	211.8
-60°	260.9	285.9	289.6	285.1	289.6	285.9	260.9	235.2	208.8	194.2	182.2
-62.5°	243.8	267.3	272.4	272.9	272.4	267.3	243.8	218.4	190.1	172.1	160.2
-65°	271.0	310.7	326.4	338.1	326.4	310.7	271.0	229.6	185.2	156.3	142.3
-67.5°	304.3	370.0	390.8	401.2	390.8	370.0	304.3	241.2	182.9	145.9	128.7
-70°	197.4	220.6	219.6	213.9	219.6	220.6	197.4	174.5	152.7	132.2	111.8
-72.5°	120.5	126.5	125.0	122.2	125.0	126.5	120.5	114.2	107.5	98.3	83.2
-75°	72.2	74.6	73.3	71.3	73.3	74.6	72.2	69.5	66.6	62.5	54.6
-77.5°	44.7	46.3	44.7	42.8	44.7	46.3	44.7	43.0	41.1	38.8	34.4
-80°	21.9	22.2	21.4	20.4	21.4	22.2	21.9	21.5	21.0	20.3	18.4
-82.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	7.9	7.8	7.7	7.5
-85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
-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: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
82.5°	7.4	7.2	7.0	6.7	6.5	6.2	5.9	5.6	5.3	4.9	4.6
80°	16.5	14.7	13.2	12.9	12.4	11.7	10.8	9.7	8.6	7.9	7.4
77.5°	30.1	26.0	22.9	22.4	21.7	20.8	19.4	17.2	15.5	13.9	12.4
75°	47.1	39.8	35.0	34.5	33.7	32.6	30.9	28.2	25.3	22.3	19.6
72.5°	69.0	56.0	48.8	48.2	47.2	46.2	44.7	42.3	38.8	34.0	29.6
70°	92.0	73.1	64.4	63.6	62.5	61.2	59.6	57.8	55.8	52.4	45.7
67.5°	110.1	89.9	82.6	81.5	80.5	78.7	75.3	72.4	69.8	67.0	60.2
65°	126.8	109.5	106.1	105.5	103.6	100.4	92.5	86.6	82.5	78.9	71.7
62.5°	147.2	133.1	132.9	131.6	129.5	124.8	114.4	105.0	96.4	89.0	82.9
60°	169.3	158.1	157.7	156.7	155.0	149.2	138.0	125.9	113.0	104.7	96.4
57.5°	196.7	186.8	184.9	182.2	178.8	170.1	159.6	148.7	135.6	123.7	112.3
55°	233.1	223.4	217.9	211.6	205.0	192.9	180.2	167.7	156.1	145.4	132.3
52.5°	279.8	269.3	259.0	247.1	235.0	218.9	202.7	188.5	175.4	163.7	151.5
50°	341.5	326.6	309.8	292.9	273.1	249.6	229.5	211.3	196.6	182.8	169.0
47.5°	420.6	397.1	371.2	348.2	320.1	290.1	263.6	237.9	220.9	202.6	187.3
45°	477.6	463.9	446.8	414.0	376.6	342.1	305.4	275.9	248.8	227.2	205.6
42.5°	516.8	506.9	493.0	471.9	444.1	401.6	358.9	320.1	284.8	254.7	227.3
40°	552.7	537.2	524.8	510.2	487.4	461.2	418.3	369.6	327.0	287.9	249.3
37.5°	594.8	572.4	556.0	538.3	520.5	497.4	469.8	426.3	372.1	322.7	276.2
35°	647.5	619.5	594.2	571.6	549.2	525.8	501.6	472.7	423.1	360.8	304.9
32.5°	714.3	679.3	644.7	613.5	578.9	550.6	525.8	500.2	467.0	403.8	339.4
30°	610.8	687.7	703.2	659.8	614.7	575.6	546.8	521.4	490.5	447.4	374.1
27.5°	593.6	589.1	674.3	708.4	652.8	605.4	569.4	539.9	512.3	474.4	413.8
25°	642.2	602.7	594.6	672.6	698.3	639.5	596.1	560.8	528.9	496.9	460.9
22.5°	737.0	656.9	605.3	594.7	691.3	683.6	628.3	582.8	548.1	527.7	493.4
20°	892.5	743.8	651.6	606.3	626.8	724.8	661.1	612.7	580.7	556.3	523.7
17.5°	1048.4	881.0	721.8	630.1	608.4	677.7	700.2	648.8	609.2	585.6	553.7
15°	1190.1	1008.3	829.1	691.2	619.5	632.4	734.5	682.2	635.9	612.7	578.4
12.5°	1281.3	1120.5	926.9	745.7	639.4	616.3	714.8	711.8	664.0	628.5	594.3
10°	1366.4	1199.3	1010.7	820.9	681.9	625.3	685.7	736.4	686.5	641.3	607.1
7.5°	1469.5	1246.8	1072.9	878.7	710.0	629.2	663.2	758.6	707.1	654.2	617.1
5°	1533.2	1279.7	1109.9	912.1	722.9	629.1	646.1	778.4	725.4	666.6	624.6
2.5°	1572.8	1298.0	1127.9	930.1	726.4	625.8	638.6	796.6	743.3	673.7	626.6
0°	1578.5	1295.4	1138.5	936.9	725.1	619.2	643.6	812.7	759.7	678.2	627.3
-2.5°	1572.8	1298.0	1127.9	930.1	726.4	625.8	638.6	796.6	743.3	673.7	626.6
-5°	1533.2	1279.7	1109.9	912.1	722.9	629.1	646.1	778.4	725.4	666.6	624.6
-7.5°	1469.5	1246.8	1072.9	878.7	710.0	629.2	663.2	758.6	707.1	654.2	617.1
-10°	1366.4	1199.3	1010.7	820.9	681.9	625.3	685.7	736.4	686.5	641.3	607.1
-12.5°	1281.3	1120.5	926.9	745.7	639.4	616.3	714.8	711.8	664.0	628.5	594.3
-15°	1190.1	1008.3	829.1	691.2	619.5	632.4	734.5	682.2	635.9	612.7	578.4
-17.5°	1048.4	881.0	721.8	630.1	608.4	677.7	700.2	648.8	609.2	585.6	553.7
-20°	892.5	743.8	651.6	606.3	626.8	724.8	661.1	612.7	580.7	556.3	523.7





REPORT NUMBER: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	737.0	656.9	605.3	594.7	691.3	683.6	628.3	582.8	548.1	527.7	493.4
-25°	642.2	602.7	594.6	672.6	698.3	639.5	596.1	560.8	528.9	496.9	460.9
-27.5°	593.6	589.1	674.3	708.4	652.8	605.4	569.4	539.9	512.3	474.4	413.8
-30°	610.8	687.7	703.2	659.8	614.7	575.6	546.8	521.4	490.5	447.4	374.1
-32.5°	714.3	679.3	644.7	613.5	578.9	550.6	525.8	500.2	467.0	403.8	339.4
-35°	647.5	619.5	594.2	571.6	549.2	525.8	501.6	472.7	423.1	360.8	304.9
-37.5°	594.8	572.4	556.0	538.3	520.5	497.4	469.8	426.3	372.1	322.7	276.2
-40°	552.7	537.2	524.8	510.2	487.4	461.2	418.3	369.6	327.0	287.9	249.3
-42.5°	516.8	506.9	493.0	471.9	444.1	401.6	358.9	320.1	284.8	254.7	227.3
-45°	477.6	463.9	446.8	414.0	376.6	342.1	305.4	275.9	248.8	227.2	205.6
-47.5°	420.6	397.1	371.2	348.2	320.1	290.1	263.6	237.9	220.9	202.6	187.3
-50°	341.5	326.6	309.8	292.9	273.1	249.6	229.5	211.3	196.6	182.8	169.0
-52.5°	279.8	269.3	259.0	247.1	235.0	218.9	202.7	188.5	175.4	163.7	151.5
-55°	233.1	223.4	217.9	211.6	205.0	192.9	180.2	167.7	156.1	145.4	132.3
-57.5°	196.7	186.8	184.9	182.2	178.8	170.1	159.6	148.7	135.6	123.7	112.3
-60°	169.3	158.1	157.7	156.7	155.0	149.2	138.0	125.9	113.0	104.7	96.4
-62.5°	147.2	133.1	132.9	131.6	129.5	124.8	114.4	105.0	96.4	89.0	82.9
-65°	126.8	109.5	106.1	105.5	103.6	100.4	92.5	86.6	82.5	78.9	71.7
-67.5°	110.1	89.9	82.6	81.5	80.5	78.7	75.3	72.4	69.8	67.0	60.2
-70°	92.0	73.1	64.4	63.6	62.5	61.2	59.6	57.8	55.8	52.4	45.7
-72.5°	69.0	56.0	48.8	48.2	47.2	46.2	44.7	42.3	38.8	34.0	29.6
-75°	47.1	39.8	35.0	34.5	33.7	32.6	30.9	28.2	25.3	22.3	19.6
-77.5°	30.1	26.0	22.9	22.4	21.7	20.8	19.4	17.2	15.5	13.9	12.4
-80°	16.5	14.7	13.2	12.9	12.4	11.7	10.8	9.7	8.6	7.9	7.4
-82.5°	7.4	7.2	7.0	6.7	6.5	6.2	5.9	5.6	5.3	4.9	4.6
-85°	3.8	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9
-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: P558961 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	1.4	1.3	1.2	1.1	1.4	1.5	1.7	1.7	1.6	1.4	1.2
85°	2.7	2.6	2.5	2.3	2.7	3.1	3.3	3.5	3.1	2.8	2.5
82.5°	4.2	3.9	3.7	3.5	3.5	3.6	3.8	4.1	4.1	4.1	3.7
80°	6.9	6.4	5.8	5.2	4.7	4.1	4.0	4.1	4.1	4.1	4.1
77.5°	11.3	10.0	8.4	7.5	6.8	6.0	5.3	4.5	4.1	4.1	4.1
75°	17.4	15.9	14.3	12.3	10.0	8.0	7.1	6.2	5.4	4.3	4.1
72.5°	26.9	24.1	21.2	17.8	14.9	12.2	9.7	8.0	7.1	6.0	4.5
70°	39.1	33.5	29.7	25.3	20.6	16.5	13.4	11.1	9.0	7.7	6.2
67.5°	53.0	45.3	39.0	32.9	27.4	22.2	17.3	14.6	12.3	9.5	7.9
65°	63.7	55.8	48.2	41.2	34.4	28.0	22.5	18.7	15.6	12.6	9.5
62.5°	74.9	65.3	57.1	49.3	41.7	34.4	27.7	24.0	19.3	15.7	12.0
60°	87.4	77.9	66.4	57.5	49.0	40.7	34.1	29.4	24.4	18.8	14.8
57.5°	102.6	91.8	78.7	66.4	56.4	47.2	40.8	35.5	29.5	23.2	17.6
55°	119.0	106.3	90.6	76.6	64.2	53.9	48.1	42.1	34.9	28.0	20.6
52.5°	137.6	120.7	103.2	86.8	72.6	61.7	56.5	48.8	41.2	32.7	25.2
50°	155.0	135.8	115.9	97.7	80.6	71.8	65.2	57.0	47.6	37.8	30.1
47.5°	169.5	149.6	129.3	108.6	90.1	82.7	75.4	65.6	54.1	43.7	35.2
45°	184.2	162.1	141.4	120.2	103.0	95.1	86.5	74.5	62.2	50.6	40.4
42.5°	198.9	175.2	152.3	131.1	117.8	107.6	98.1	85.0	70.5	57.9	46.4
40°	217.4	188.4	162.9	144.2	132.2	120.0	109.5	96.2	79.1	65.9	52.9
37.5°	235.5	203.5	174.8	158.2	145.9	132.8	120.6	107.7	90.0	75.0	59.6
35°	258.8	219.5	191.6	172.9	158.3	145.0	131.5	118.8	102.6	84.2	66.4
32.5°	281.3	239.4	210.8	187.8	170.2	156.7	142.2	132.8	115.8	93.5	73.3
30°	311.4	266.0	229.6	201.9	182.0	167.2	155.6	148.5	129.3	102.9	80.5
27.5°	348.7	292.1	248.9	217.6	194.3	177.6	173.5	165.9	143.2	113.1	88.2
25°	386.6	323.1	272.1	233.5	205.9	195.4	191.1	184.6	157.7	124.5	95.8
22.5°	428.4	354.6	294.5	248.5	225.6	212.4	207.9	200.5	172.9	135.9	103.3
20°	469.0	384.4	317.6	273.4	247.0	230.6	223.6	216.2	188.8	147.2	110.5
17.5°	505.9	417.9	349.9	300.7	268.6	248.5	238.9	231.6	205.2	158.4	117.6
15°	530.5	453.8	380.1	326.1	289.3	265.9	253.6	246.6	221.7	169.3	122.7
12.5°	551.4	485.1	407.3	349.9	309.1	282.9	267.8	261.4	238.2	176.4	125.3
10°	568.9	512.1	431.7	371.8	328.0	299.3	281.6	271.8	244.6	179.9	127.7
7.5°	583.3	534.9	453.3	392.1	343.5	307.6	283.7	273.6	248.4	182.6	129.6
5°	593.3	548.4	463.5	397.3	344.7	307.0	283.8	275.2	251.0	184.4	131.1
2.5°	594.8	549.8	466.1	399.1	345.0	305.6	283.5	276.3	252.4	185.3	132.1
0°	594.7	547.9	466.4	399.2	344.2	303.5	283.1	277.0	252.6	185.3	132.4
-2.5°	594.8	549.8	466.1	399.1	345.0	305.6	283.5	276.3	252.4	185.3	132.1
-5°	593.3	548.4	463.5	397.3	344.7	307.0	283.8	275.2	251.0	184.4	131.1
-7.5°	583.3	534.9	453.3	392.1	343.5	307.6	283.7	273.6	248.4	182.6	129.6
-10°	568.9	512.1	431.7	371.8	328.0	299.3	281.6	271.8	244.6	179.9	127.7
-12.5°	551.4	485.1	407.3	349.9	309.1	282.9	267.8	261.4	238.2	176.4	125.3
-15°	530.5	453.8	380.1	326.1	289.3	265.9	253.6	246.6	221.7	169.3	122.7
-17.5°	505.9	417.9	349.9	300.7	268.6	248.5	238.9	231.6	205.2	158.4	117.6
-20°	469.0	384.4	317.6	273.4	247.0	230.6	223.6	216.2	188.8	147.2	110.5



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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°	428.4	354.6	294.5	248.5	225.6	212.4	207.9	200.5	172.9	135.9	103.3
-25°	386.6	323.1	272.1	233.5	205.9	195.4	191.1	184.6	157.7	124.5	95.8
-27.5°	348.7	292.1	248.9	217.6	194.3	177.6	173.5	165.9	143.2	113.1	88.2
-30°	311.4	266.0	229.6	201.9	182.0	167.2	155.6	148.5	129.3	102.9	80.5
-32.5°	281.3	239.4	210.8	187.8	170.2	156.7	142.2	132.8	115.8	93.5	73.3
-35°	258.8	219.5	191.6	172.9	158.3	145.0	131.5	118.8	102.6	84.2	66.4
-37.5°	235.5	203.5	174.8	158.2	145.9	132.8	120.6	107.7	90.0	75.0	59.6
-40°	217.4	188.4	162.9	144.2	132.2	120.0	109.5	96.2	79.1	65.9	52.9
-42.5°	198.9	175.2	152.3	131.1	117.8	107.6	98.1	85.0	70.5	57.9	46.4
-45°	184.2	162.1	141.4	120.2	103.0	95.1	86.5	74.5	62.2	50.6	40.4
-47.5°	169.5	149.6	129.3	108.6	90.1	82.7	75.4	65.6	54.1	43.7	35.2
-50°	155.0	135.8	115.9	97.7	80.6	71.8	65.2	57.0	47.6	37.8	30.1
-52.5°	137.6	120.7	103.2	86.8	72.6	61.7	56.5	48.8	41.2	32.7	25.2
-55°	119.0	106.3	90.6	76.6	64.2	53.9	48.1	42.1	34.9	28.0	20.6
-57.5°	102.6	91.8	78.7	66.4	56.4	47.2	40.8	35.5	29.5	23.2	17.6
-60°	87.4	77.9	66.4	57.5	49.0	40.7	34.1	29.4	24.4	18.8	14.8
-62.5°	74.9	65.3	57.1	49.3	41.7	34.4	27.7	24.0	19.3	15.7	12.0
-65°	63.7	55.8	48.2	41.2	34.4	28.0	22.5	18.7	15.6	12.6	9.5
-67.5°	53.0	45.3	39.0	32.9	27.4	22.2	17.3	14.6	12.3	9.5	7.9
-70°	39.1	33.5	29.7	25.3	20.6	16.5	13.4	11.1	9.0	7.7	6.2
-72.5°	26.9	24.1	21.2	17.8	14.9	12.2	9.7	8.0	7.1	6.0	4.5
-75°	17.4	15.9	14.3	12.3	10.0	8.0	7.1	6.2	5.4	4.3	4.1
-77.5°	11.3	10.0	8.4	7.5	6.8	6.0	5.3	4.5	4.1	4.1	4.1
-80°	6.9	6.4	5.8	5.2	4.7	4.1	4.0	4.1	4.1	4.1	4.1
-82.5°	4.2	3.9	3.7	3.5	3.5	3.6	3.8	4.1	4.1	4.1	3.7
-85°	2.7	2.6	2.5	2.3	2.7	3.1	3.3	3.5	3.1	2.8	2.5
-87.5°	1.4	1.3	1.2	1.1	1.4	1.5	1.7	1.7	1.6	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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	4.1	4.1	3.5	2.7	1.8	0.9	0.0
75°	4.1	4.1	4.1	3.2	2.1	1.1	0.0
72.5°	4.1	4.1	4.1	3.7	2.5	1.2	0.0
70°	4.3	4.1	4.1	4.1	2.8	1.4	0.0
67.5°	5.8	4.1	4.1	4.1	3.1	1.6	0.0
65°	7.4	4.8	4.1	4.1	3.5	1.7	0.0
62.5°	8.9	6.1	4.1	4.1	3.8	1.9	0.0
60°	10.4	7.5	4.1	4.1	4.1	2.0	0.0
57.5°	13.0	8.8	5.1	4.1	4.1	2.2	0.0
55°	15.8	10.1	6.2	4.1	4.2	2.4	0.0
52.5°	18.7	11.6	7.3	4.1	4.2	2.5	0.0
50°	21.7	14.2	8.4	4.1	4.2	2.6	0.0
47.5°	24.9	16.8	9.4	4.3	4.3	2.8	0.0
45°	29.4	19.3	10.4	5.1	4.3	2.9	0.0
42.5°	34.1	21.9	11.4	5.8	4.4	3.0	0.0
40°	38.8	24.5	12.9	6.5	4.5	3.1	0.0
37.5°	43.5	27.1	14.9	7.2	4.6	3.3	0.0
35°	48.2	30.5	16.9	7.8	4.6	3.4	0.0
32.5°	53.3	34.2	18.8	8.4	4.7	3.5	0.0
30°	58.8	37.9	20.6	8.8	4.8	3.6	0.0
27.5°	64.3	41.5	21.8	9.2	4.9	3.6	0.0
25°	69.7	45.0	22.8	9.6	5.0	3.7	0.0
22.5°	75.0	47.7	23.5	9.9	5.1	3.8	0.0
20°	80.2	48.7	24.0	10.1	5.3	3.9	0.0
17.5°	82.9	49.4	24.4	10.3	5.4	3.9	0.0
15°	83.9	49.6	24.6	10.4	5.5	4.0	0.0
12.5°	84.5	49.6	24.6	10.5	5.6	4.0	0.0
10°	84.7	49.2	24.4	10.5	5.7	4.0	0.0
7.5°	84.5	48.5	24.1	10.5	5.8	4.1	0.0
5°	83.9	47.5	23.6	10.4	5.9	4.1	0.0
2.5°	82.9	46.3	23.1	10.3	6.0	4.1	0.0
0°	81.5	44.8	22.4	10.2	6.1	4.1	0.0
-2.5°	82.9	46.3	23.1	10.3	6.0	4.1	0.0
-5°	83.9	47.5	23.6	10.4	5.9	4.1	0.0
-7.5°	84.5	48.5	24.1	10.5	5.8	4.1	0.0
-10°	84.7	49.2	24.4	10.5	5.7	4.0	0.0
-12.5°	84.5	49.6	24.6	10.5	5.6	4.0	0.0
-15°	83.9	49.6	24.6	10.4	5.5	4.0	0.0
-17.5°	82.9	49.4	24.4	10.3	5.4	3.9	0.0
-20°	80.2	48.7	24.0	10.1	5.3	3.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.0	47.7	23.5	9.9	5.1	3.8	0.0
-25°	69.7	45.0	22.8	9.6	5.0	3.7	0.0
-27.5°	64.3	41.5	21.8	9.2	4.9	3.6	0.0
-30°	58.8	37.9	20.6	8.8	4.8	3.6	0.0
-32.5°	53.3	34.2	18.8	8.4	4.7	3.5	0.0
-35°	48.2	30.5	16.9	7.8	4.6	3.4	0.0
-37.5°	43.5	27.1	14.9	7.2	4.6	3.3	0.0
-40°	38.8	24.5	12.9	6.5	4.5	3.1	0.0
-42.5°	34.1	21.9	11.4	5.8	4.4	3.0	0.0
-45°	29.4	19.3	10.4	5.1	4.3	2.9	0.0
-47.5°	24.9	16.8	9.4	4.3	4.3	2.8	0.0
-50°	21.7	14.2	8.4	4.1	4.2	2.6	0.0
-52.5°	18.7	11.6	7.3	4.1	4.2	2.5	0.0
-55°	15.8	10.1	6.2	4.1	4.2	2.4	0.0
-57.5°	13.0	8.8	5.1	4.1	4.1	2.2	0.0
-60°	10.4	7.5	4.1	4.1	4.1	2.0	0.0
-62.5°	8.9	6.1	4.1	4.1	3.8	1.9	0.0
-65°	7.4	4.8	4.1	4.1	3.5	1.7	0.0
-67.5°	5.8	4.1	4.1	4.1	3.1	1.6	0.0
-70°	4.3	4.1	4.1	4.1	2.8	1.4	0.0
-72.5°	4.1	4.1	4.1	3.7	2.5	1.2	0.0
-75°	4.1	4.1	4.1	3.2	2.1	1.1	0.0
-77.5°	4.1	4.1	3.5	2.7	1.8	0.9	0.0
-80°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)