

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: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559161 (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-SA6B-940-U-TSB-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

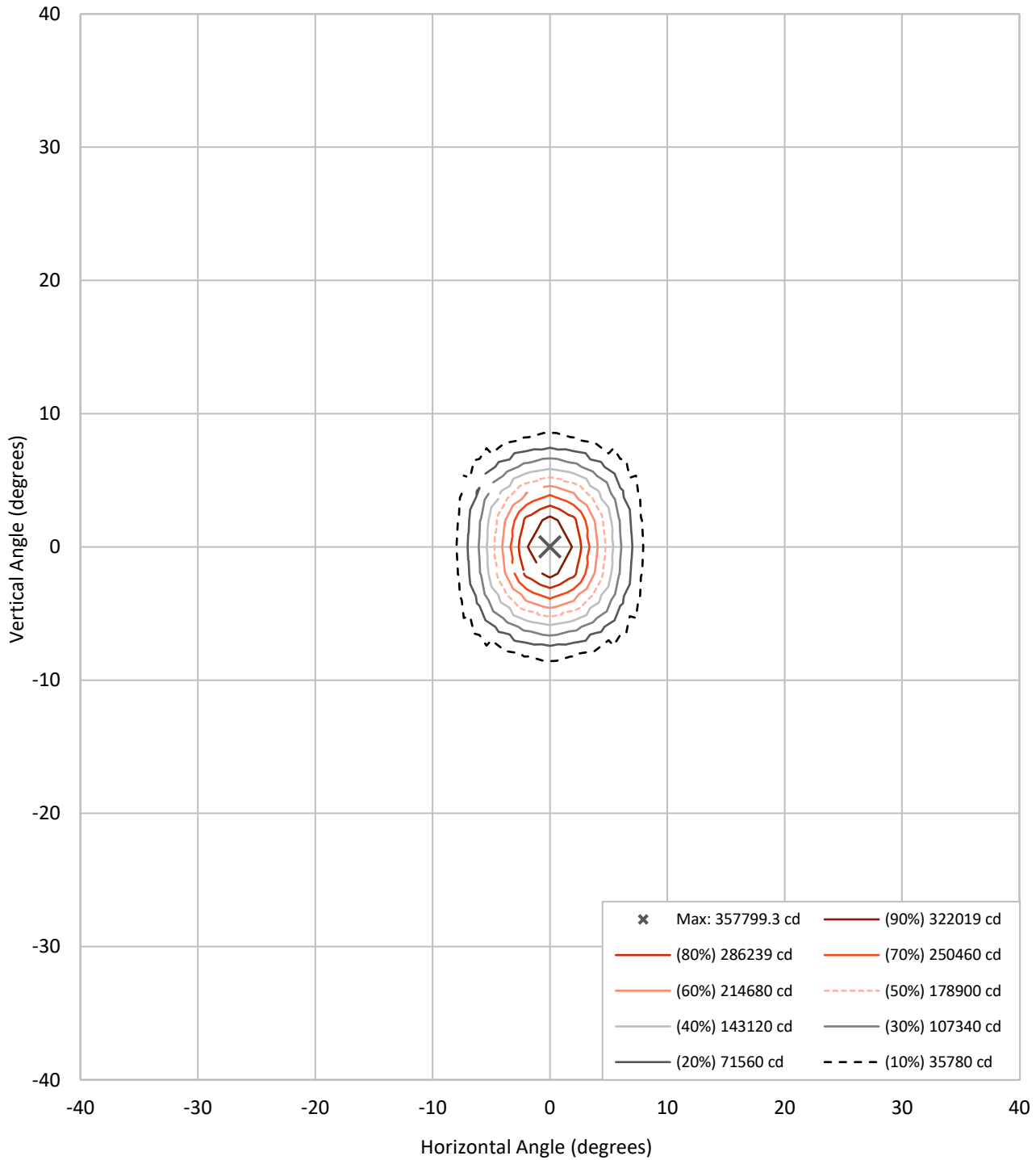
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13933.4 lumens	Max Intensity:	357799.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5972.2 lumens	Field Lumens:	10292.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 185  
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





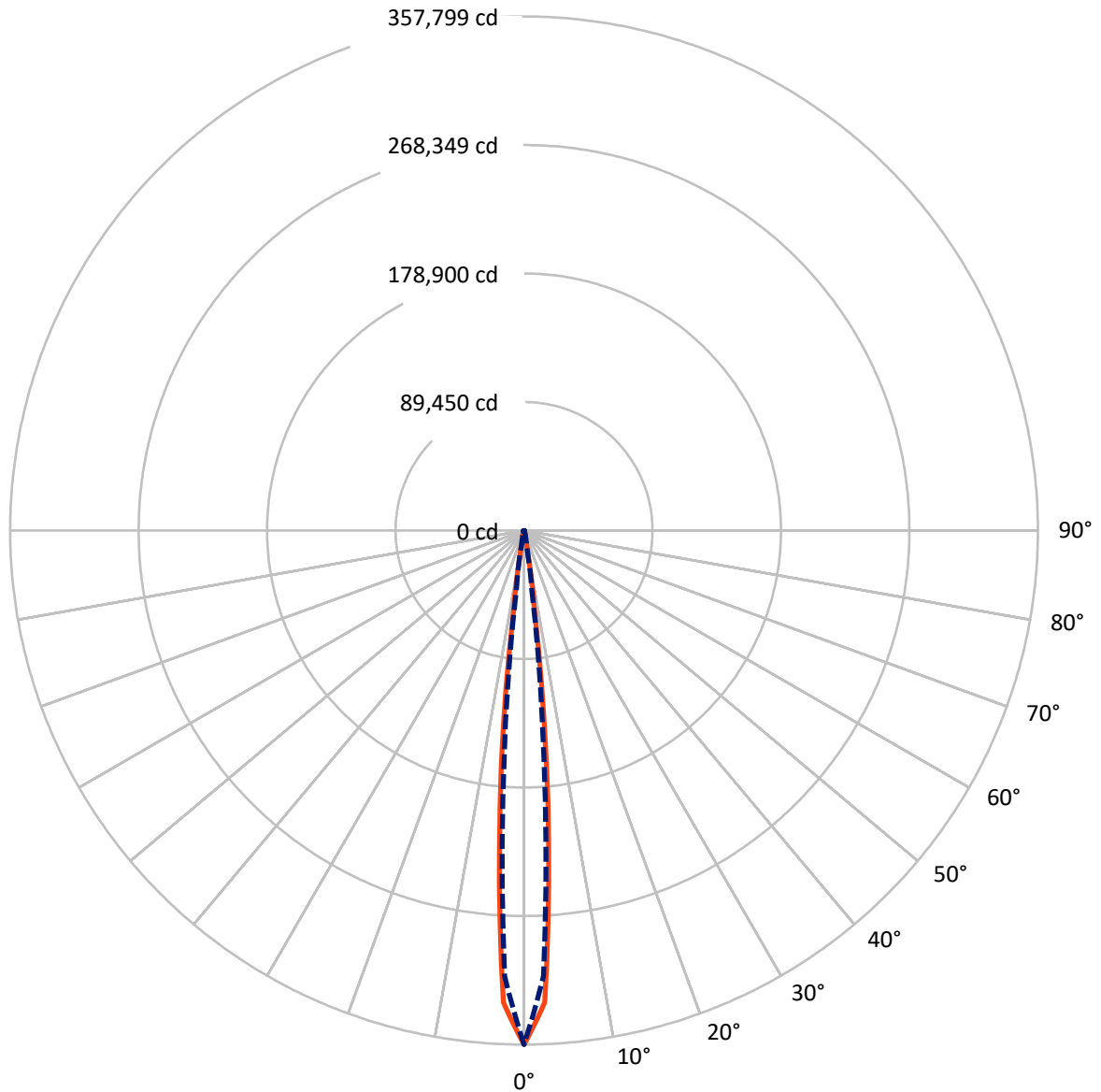
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### Lumen Table

90	0.1	0.4	1.5	3.4	5.7	3.4	1.5	0.4	0.1										
80	0.1	0.4	1.5	3.4	5.7	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		0.5	1.4	2.8	4.5	6.2	8.3	11.2	11.2	8.3	6.2	4.5	2.8	1.4	0.5				
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	17.9	24.5	32.1	32.1	24.5	17.9	15.0	9.6	4.3	2.3	1.4			
20		3.0	5.9	12.1	16.6	23.6	47.9	95.7	95.7	47.9	23.6	16.6	12.1	5.9	3.0				
10	1.6	3.4	7.1	13.5	17.3	30.3	94.7	2799.4	2799.4	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	2799.4	2799.4	94.7	30.3	17.3	13.5	7.1	3.4				
-10	1.4	3.0	5.9	12.1	16.6	23.6	47.9	95.7	95.7	47.9	23.6	16.6	12.1	5.9	3.0	1.4			
-20		2.3	4.3	9.6	15.0	17.9	24.5	32.1	32.1	24.5	17.9	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	0.5	1.4	2.8	4.5	6.2	8.3	11.2	11.2	8.3	6.2	4.5	2.8	1.4	0.5	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	5.7	3.4	1.5	0.4	0.1							0.1			
-80		0.1	0.4	1.5	3.4	5.7	3.4	1.5	0.4	0.1									
-90	0.1	0.4	1.5	3.4	5.7	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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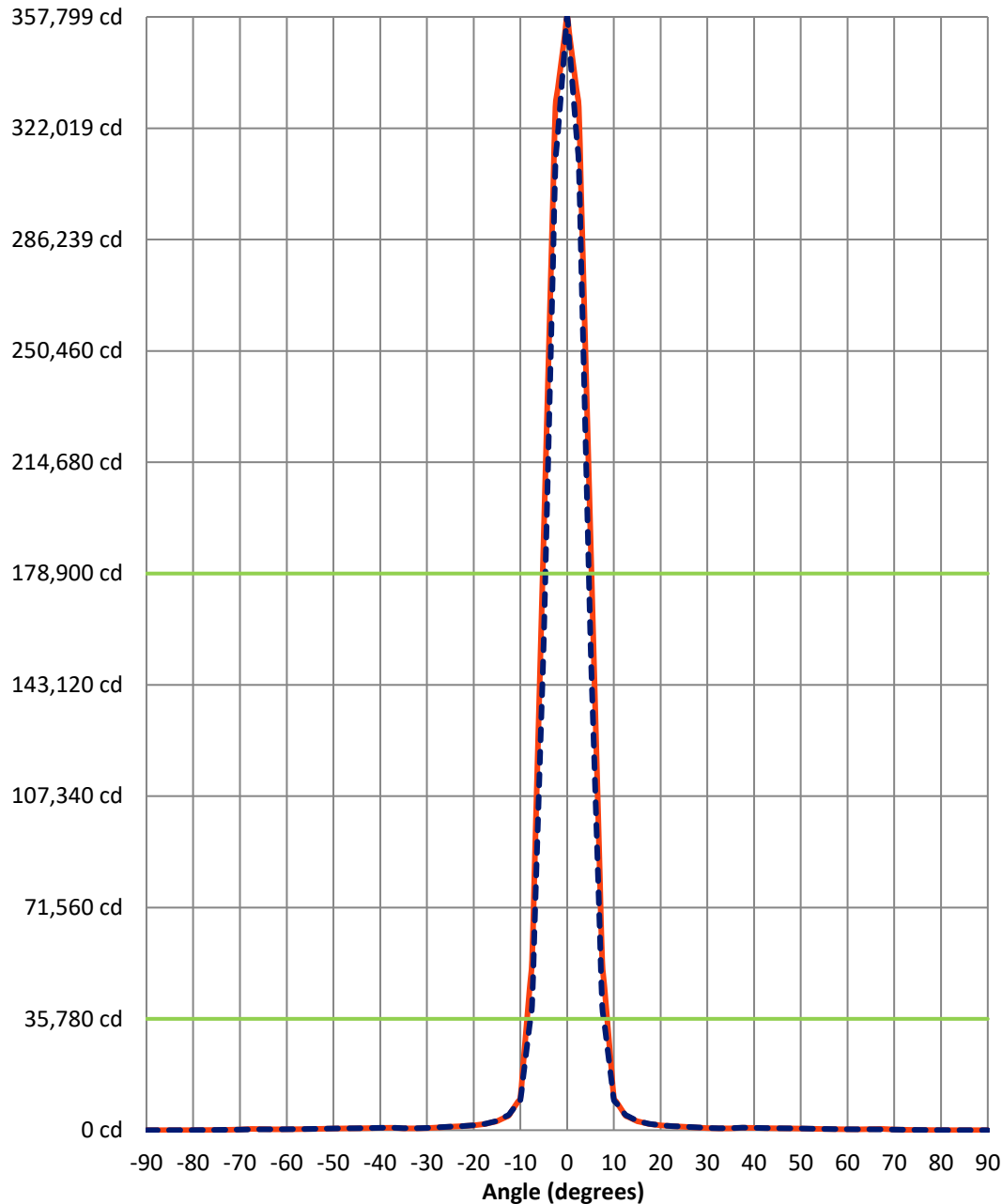
### Luminous Intensity Polar Plot



— 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: 5972.2  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 10292.9  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 3640.6  
 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	29.3
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	27.9	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	21.6	30.1	37.7	47.6	57.0
47.5°	0.0	2.8	4.3	4.3	9.4	16.7	24.9	35.1	43.6	54.0	65.6
45°	0.0	2.9	4.3	5.1	10.4	19.3	29.4	40.3	50.6	62.1	74.5
42.5°	0.0	3.0	4.4	5.8	11.4	21.9	34.0	46.3	57.9	70.4	85.0
40°	0.0	3.1	4.5	6.5	12.9	24.5	38.7	52.9	65.9	79.1	96.1
37.5°	0.0	3.3	4.6	7.2	14.9	27.1	43.4	59.5	75.0	90.0	107.6
35°	0.0	3.4	4.6	7.8	16.8	30.4	48.1	66.3	84.2	102.6	118.7
32.5°	0.0	3.5	4.7	8.4	18.7	34.1	53.2	73.2	93.5	115.7	132.7
30°	0.0	3.6	4.8	8.8	20.6	37.8	58.7	80.4	102.9	129.2	148.4
27.5°	0.0	3.6	4.9	9.2	21.8	41.4	64.2	88.1	113.0	143.1	165.8
25°	0.0	3.7	5.0	9.6	22.7	44.9	69.6	95.7	124.4	157.6	184.5
22.5°	0.0	3.8	5.1	9.9	23.5	47.6	74.9	103.2	135.8	172.8	200.4
20°	0.0	3.9	5.3	10.1	24.0	48.6	80.1	110.5	147.2	188.7	216.0
17.5°	0.0	3.9	5.4	10.3	24.3	49.3	82.8	117.5	158.3	205.0	231.4
15°	0.0	4.0	5.5	10.4	24.5	49.6	83.8	122.6	169.2	221.5	246.4
12.5°	0.0	4.0	5.6	10.5	24.5	49.5	84.4	125.2	176.3	238.0	261.2
10°	0.0	4.0	5.7	10.5	24.4	49.1	84.6	127.6	179.8	244.4	271.6
7.5°	0.0	4.1	5.8	10.5	24.1	48.4	84.4	129.5	182.5	248.2	273.4
5°	0.0	4.1	5.9	10.4	23.6	47.5	83.8	131.0	184.3	250.8	275.0
2.5°	0.0	4.1	6.0	10.3	23.1	46.3	82.8	132.0	185.2	252.2	276.1
0°	0.0	4.1	6.1	10.2	22.4	44.8	81.4	132.3	185.2	252.4	276.8
-2.5°	0.0	4.1	6.0	10.3	23.1	46.3	82.8	132.0	185.2	252.2	276.1
-5°	0.0	4.1	5.9	10.4	23.6	47.5	83.8	131.0	184.3	250.8	275.0
-7.5°	0.0	4.1	5.8	10.5	24.1	48.4	84.4	129.5	182.5	248.2	273.4
-10°	0.0	4.0	5.7	10.5	24.4	49.1	84.6	127.6	179.8	244.4	271.6
-12.5°	0.0	4.0	5.6	10.5	24.5	49.5	84.4	125.2	176.3	238.0	261.2
-15°	0.0	4.0	5.5	10.4	24.5	49.6	83.8	122.6	169.2	221.5	246.4
-17.5°	0.0	3.9	5.4	10.3	24.3	49.3	82.8	117.5	158.3	205.0	231.4
-20°	0.0	3.9	5.3	10.1	24.0	48.6	80.1	110.5	147.2	188.7	216.0



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**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	47.6	74.9	103.2	135.8	172.8	200.4
-25°	0.0	3.7	5.0	9.6	22.7	44.9	69.6	95.7	124.4	157.6	184.5
-27.5°	0.0	3.6	4.9	9.2	21.8	41.4	64.2	88.1	113.0	143.1	165.8
-30°	0.0	3.6	4.8	8.8	20.6	37.8	58.7	80.4	102.9	129.2	148.4
-32.5°	0.0	3.5	4.7	8.4	18.7	34.1	53.2	73.2	93.5	115.7	132.7
-35°	0.0	3.4	4.6	7.8	16.8	30.4	48.1	66.3	84.2	102.6	118.7
-37.5°	0.0	3.3	4.6	7.2	14.9	27.1	43.4	59.5	75.0	90.0	107.6
-40°	0.0	3.1	4.5	6.5	12.9	24.5	38.7	52.9	65.9	79.1	96.1
-42.5°	0.0	3.0	4.4	5.8	11.4	21.9	34.0	46.3	57.9	70.4	85.0
-45°	0.0	2.9	4.3	5.1	10.4	19.3	29.4	40.3	50.6	62.1	74.5
-47.5°	0.0	2.8	4.3	4.3	9.4	16.7	24.9	35.1	43.6	54.0	65.6
-50°	0.0	2.6	4.2	4.1	8.4	14.2	21.6	30.1	37.7	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	27.9	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	29.3
-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	29.5	33.9	38.7	42.3
70°	13.4	16.5	20.6	25.3	29.7	33.5	39.0	45.6	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	72.3
65°	22.5	28.0	34.4	41.2	48.2	55.8	63.6	71.6	78.8	82.5	86.6
62.5°	27.7	34.3	41.6	49.3	57.0	65.2	74.8	82.9	89.0	96.4	104.9
60°	34.1	40.6	48.9	57.4	66.3	77.8	87.4	96.4	104.6	112.9	125.8
57.5°	40.7	47.1	56.3	66.3	78.6	91.7	102.6	112.2	123.6	135.5	148.6
55°	48.0	53.8	64.1	76.5	90.6	106.2	118.9	132.2	145.4	156.0	167.6
52.5°	56.4	61.6	72.5	86.7	103.1	120.6	137.6	151.4	163.6	175.3	188.4
50°	65.1	71.7	80.6	97.7	115.9	135.7	155.0	168.8	182.7	196.4	211.2
47.5°	75.3	82.6	90.1	108.5	129.2	149.5	169.4	187.1	202.5	220.8	237.7
45°	86.4	95.0	103.0	120.1	141.4	162.0	184.1	205.5	227.0	248.6	275.7
42.5°	98.0	107.6	117.7	131.0	152.2	175.0	198.7	227.2	254.5	284.6	319.8
40°	109.4	119.9	132.1	144.1	162.8	188.3	217.3	249.1	287.7	326.7	369.3
37.5°	120.6	132.7	145.8	158.1	174.7	203.4	235.3	276.0	322.5	371.8	426.0
35°	131.4	144.9	158.2	172.8	191.5	219.3	258.7	304.8	360.5	422.8	472.4
32.5°	142.1	156.6	170.1	187.7	210.7	239.2	281.1	339.2	403.6	466.7	499.9
30°	155.5	167.1	181.9	201.8	229.5	265.8	311.3	373.9	447.1	490.2	521.1
27.5°	173.4	177.5	194.2	217.5	248.8	291.9	348.5	413.6	474.1	512.0	539.6
25°	190.9	195.3	205.8	233.4	272.0	322.9	386.4	460.6	496.5	528.5	560.5
22.5°	207.7	212.3	225.5	248.4	294.4	354.3	428.2	493.1	527.4	547.8	582.4
20°	223.5	230.5	246.8	273.3	317.4	384.1	468.7	523.3	555.9	580.4	612.3
17.5°	238.7	248.4	268.4	300.5	349.7	417.6	505.6	553.4	585.2	608.8	648.4
15°	253.4	265.8	289.1	326.0	379.9	453.5	530.2	578.1	612.3	635.5	681.7
12.5°	267.7	282.7	309.0	349.7	407.1	484.8	551.1	594.0	628.1	663.6	711.4
10°	281.5	299.1	327.8	371.6	431.4	511.8	568.6	606.7	640.9	686.1	735.9
7.5°	283.6	307.4	343.3	391.9	453.0	534.6	582.9	616.7	653.8	706.6	758.1
5°	283.6	306.8	344.5	397.1	463.2	548.0	592.9	624.2	666.2	724.9	777.9
2.5°	283.4	305.4	344.8	398.8	465.8	549.4	594.4	626.2	673.3	742.8	796.0
0°	282.9	303.3	344.0	398.9	466.1	547.5	594.4	626.9	677.8	759.2	812.1
-2.5°	283.4	305.4	344.8	398.8	465.8	549.4	594.4	626.2	673.3	742.8	796.0
-5°	283.6	306.8	344.5	397.1	463.2	548.0	592.9	624.2	666.2	724.9	777.9
-7.5°	283.6	307.4	343.3	391.9	453.0	534.6	582.9	616.7	653.8	706.6	758.1
-10°	281.5	299.1	327.8	371.6	431.4	511.8	568.6	606.7	640.9	686.1	735.9
-12.5°	267.7	282.7	309.0	349.7	407.1	484.8	551.1	594.0	628.1	663.6	711.4
-15°	253.4	265.8	289.1	326.0	379.9	453.5	530.2	578.1	612.3	635.5	681.7
-17.5°	238.7	248.4	268.4	300.5	349.7	417.6	505.6	553.4	585.2	608.8	648.4
-20°	223.5	230.5	246.8	273.3	317.4	384.1	468.7	523.3	555.9	580.4	612.3



REPORT NUMBER: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	207.7	212.3	225.5	248.4	294.4	354.3	428.2	493.1	527.4	547.8	582.4
-25°	190.9	195.3	205.8	233.4	272.0	322.9	386.4	460.6	496.5	528.5	560.5
-27.5°	173.4	177.5	194.2	217.5	248.8	291.9	348.5	413.6	474.1	512.0	539.6
-30°	155.5	167.1	181.9	201.8	229.5	265.8	311.3	373.9	447.1	490.2	521.1
-32.5°	142.1	156.6	170.1	187.7	210.7	239.2	281.1	339.2	403.6	466.7	499.9
-35°	131.4	144.9	158.2	172.8	191.5	219.3	258.7	304.8	360.5	422.8	472.4
-37.5°	120.6	132.7	145.8	158.1	174.7	203.4	235.3	276.0	322.5	371.8	426.0
-40°	109.4	119.9	132.1	144.1	162.8	188.3	217.3	249.1	287.7	326.7	369.3
-42.5°	98.0	107.6	117.7	131.0	152.2	175.0	198.7	227.2	254.5	284.6	319.8
-45°	86.4	95.0	103.0	120.1	141.4	162.0	184.1	205.5	227.0	248.6	275.7
-47.5°	75.3	82.6	90.1	108.5	129.2	149.5	169.4	187.1	202.5	220.8	237.7
-50°	65.1	71.7	80.6	97.7	115.9	135.7	155.0	168.8	182.7	196.4	211.2
-52.5°	56.4	61.6	72.5	86.7	103.1	120.6	137.6	151.4	163.6	175.3	188.4
-55°	48.0	53.8	64.1	76.5	90.6	106.2	118.9	132.2	145.4	156.0	167.6
-57.5°	40.7	47.1	56.3	66.3	78.6	91.7	102.6	112.2	123.6	135.5	148.6
-60°	34.1	40.6	48.9	57.4	66.3	77.8	87.4	96.4	104.6	112.9	125.8
-62.5°	27.7	34.3	41.6	49.3	57.0	65.2	74.8	82.9	89.0	96.4	104.9
-65°	22.5	28.0	34.4	41.2	48.2	55.8	63.6	71.6	78.8	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	72.3
-70°	13.4	16.5	20.6	25.3	29.7	33.5	39.0	45.6	52.4	55.8	57.8
-72.5°	9.7	12.2	14.9	17.8	21.2	24.1	26.9	29.5	33.9	38.7	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: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	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	38.7	41.1	42.9
75°	30.9	32.6	33.7	34.5	34.9	39.8	47.0	54.6	62.5	66.6	69.5
72.5°	44.7	46.1	47.2	48.1	48.7	55.9	69.0	83.1	98.2	107.4	114.1
70°	59.6	61.2	62.5	63.5	64.4	73.0	91.9	111.7	132.1	152.6	174.4
67.5°	75.3	78.7	80.4	81.4	82.5	89.8	110.0	128.6	145.8	182.8	241.1
65°	92.5	100.3	103.6	105.4	106.1	109.5	126.7	142.2	156.2	185.0	229.5
62.5°	114.3	124.7	129.5	131.6	132.8	133.0	147.1	160.1	172.0	190.0	218.3
60°	137.9	149.1	154.9	156.6	157.6	158.0	169.2	182.1	194.1	208.7	235.1
57.5°	159.5	170.0	178.7	182.1	184.8	186.7	196.6	211.7	225.9	240.6	268.9
55°	180.1	192.8	204.9	211.5	217.8	223.3	233.0	252.1	270.3	287.5	316.9
52.5°	202.6	218.8	234.9	247.0	258.8	269.2	279.6	304.4	328.7	351.6	380.2
50°	229.4	249.5	272.9	292.7	309.6	326.4	341.3	370.6	403.5	434.7	464.8
47.5°	263.4	289.9	319.9	348.0	371.0	396.9	420.4	450.5	479.6	508.6	533.5
45°	305.2	341.9	376.4	413.7	446.6	463.7	477.3	496.1	526.0	554.5	577.7
42.5°	358.6	401.3	443.8	471.6	492.7	506.6	516.5	526.4	557.7	585.3	607.7
40°	418.0	460.9	487.1	509.9	524.5	536.9	552.4	567.7	592.3	620.5	645.5
37.5°	469.5	497.0	520.1	537.9	555.6	572.1	594.5	616.5	639.9	671.5	694.7
35°	501.3	525.4	548.8	571.2	593.9	619.2	647.1	679.5	708.1	682.0	644.3
32.5°	525.5	550.2	578.5	613.1	644.3	678.8	713.9	657.6	599.9	577.4	582.0
30°	546.5	575.3	614.3	659.4	702.7	687.2	610.4	583.5	591.4	607.2	637.6
27.5°	569.1	605.0	652.4	707.9	673.8	588.7	593.2	608.8	661.5	706.2	774.1
25°	595.7	639.1	697.9	672.2	594.2	602.3	641.8	701.2	801.6	895.3	977.2
22.5°	627.9	683.1	690.9	594.3	604.9	656.5	736.5	865.4	987.4	1100.6	1185.1
20°	660.6	724.3	626.4	605.9	651.2	743.4	891.9	1039.9	1176.1	1277.3	1361.9
17.5°	699.7	677.3	608.0	629.7	721.3	880.4	1047.7	1204.5	1332.9	1508.0	1657.0
15°	734.0	632.0	619.1	690.7	828.6	1007.6	1189.4	1330.3	1562.3	1813.1	2066.7
12.5°	714.4	615.9	639.0	745.2	926.4	1119.8	1280.6	1503.6	1810.5	2176.8	2727.3
10°	685.2	624.9	681.5	820.4	1010.0	1198.5	1365.5	1657.8	2062.9	2735.7	3602.5
7.5°	662.7	628.8	709.5	878.1	1072.2	1246.0	1468.6	1823.1	2387.8	3310.8	5156.3
5°	645.7	628.7	722.4	911.6	1109.2	1278.8	1532.2	1943.3	2706.1	4021.2	7174.7
2.5°	638.2	625.4	725.9	929.5	1127.2	1297.1	1571.8	2029.7	2907.0	4681.1	9434.4
0°	643.2	618.8	724.6	936.3	1137.8	1294.5	1577.5	2055.8	2967.7	4924.8	9737.6
-2.5°	638.2	625.4	725.9	929.5	1127.2	1297.1	1571.8	2029.7	2907.0	4681.1	9434.4
-5°	645.7	628.7	722.4	911.6	1109.2	1278.8	1532.2	1943.3	2706.1	4021.2	7174.7
-7.5°	662.7	628.8	709.5	878.1	1072.2	1246.0	1468.6	1823.1	2387.8	3310.8	5156.3
-10°	685.2	624.9	681.5	820.4	1010.0	1198.5	1365.5	1657.8	2062.9	2735.7	3602.5
-12.5°	714.4	615.9	639.0	745.2	926.4	1119.8	1280.6	1503.6	1810.5	2176.8	2727.3
-15°	734.0	632.0	619.1	690.7	828.6	1007.6	1189.4	1330.3	1562.3	1813.1	2066.7
-17.5°	699.7	677.3	608.0	629.7	721.3	880.4	1047.7	1204.5	1332.9	1508.0	1657.0
-20°	660.6	724.3	626.4	605.9	651.2	743.4	891.9	1039.9	1176.1	1277.3	1361.9



REPORT NUMBER: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	627.9	683.1	690.9	594.3	604.9	656.5	736.5	865.4	987.4	1100.6	1185.1
-25°	595.7	639.1	697.9	672.2	594.2	602.3	641.8	701.2	801.6	895.3	977.2
-27.5°	569.1	605.0	652.4	707.9	673.8	588.7	593.2	608.8	661.5	706.2	774.1
-30°	546.5	575.3	614.3	659.4	702.7	687.2	610.4	583.5	591.4	607.2	637.6
-32.5°	525.5	550.2	578.5	613.1	644.3	678.8	713.9	657.6	599.9	577.4	582.0
-35°	501.3	525.4	548.8	571.2	593.9	619.2	647.1	679.5	708.1	682.0	644.3
-37.5°	469.5	497.0	520.1	537.9	555.6	572.1	594.5	616.5	639.9	671.5	694.7
-40°	418.0	460.9	487.1	509.9	524.5	536.9	552.4	567.7	592.3	620.5	645.5
-42.5°	358.6	401.3	443.8	471.6	492.7	506.6	516.5	526.4	557.7	585.3	607.7
-45°	305.2	341.9	376.4	413.7	446.6	463.7	477.3	496.1	526.0	554.5	577.7
-47.5°	263.4	289.9	319.9	348.0	371.0	396.9	420.4	450.5	479.6	508.6	533.5
-50°	229.4	249.5	272.9	292.7	309.6	326.4	341.3	370.6	403.5	434.7	464.8
-52.5°	202.6	218.8	234.9	247.0	258.8	269.2	279.6	304.4	328.7	351.6	380.2
-55°	180.1	192.8	204.9	211.5	217.8	223.3	233.0	252.1	270.3	287.5	316.9
-57.5°	159.5	170.0	178.7	182.1	184.8	186.7	196.6	211.7	225.9	240.6	268.9
-60°	137.9	149.1	154.9	156.6	157.6	158.0	169.2	182.1	194.1	208.7	235.1
-62.5°	114.3	124.7	129.5	131.6	132.8	133.0	147.1	160.1	172.0	190.0	218.3
-65°	92.5	100.3	103.6	105.4	106.1	109.5	126.7	142.2	156.2	185.0	229.5
-67.5°	75.3	78.7	80.4	81.4	82.5	89.8	110.0	128.6	145.8	182.8	241.1
-70°	59.6	61.2	62.5	63.5	64.4	73.0	91.9	111.7	132.1	152.6	174.4
-72.5°	44.7	46.1	47.2	48.1	48.7	55.9	69.0	83.1	98.2	107.4	114.1
-75°	30.9	32.6	33.7	34.5	34.9	39.8	47.0	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	38.7	41.1	42.9
-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: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	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	42.7	44.7	46.3	44.7	42.9	41.1	38.7	34.4
75°	72.1	74.5	73.2	71.2	73.2	74.5	72.1	69.5	66.6	62.5	54.6
72.5°	120.5	126.4	124.9	122.1	124.9	126.4	120.5	114.1	107.4	98.2	83.1
70°	197.2	220.4	219.4	213.7	219.4	220.4	197.2	174.4	152.6	132.1	111.7
67.5°	304.1	369.8	390.6	401.0	390.6	369.8	304.1	241.1	182.8	145.8	128.6
65°	270.9	310.5	326.2	337.9	326.2	310.5	270.9	229.5	185.0	156.2	142.2
62.5°	243.6	267.1	272.2	272.8	272.2	267.1	243.6	218.3	190.0	172.0	160.1
60°	260.7	285.7	289.4	285.0	289.4	285.7	260.7	235.1	208.7	194.1	182.1
57.5°	296.1	322.3	327.1	321.6	327.1	322.3	296.1	268.9	240.6	225.9	211.7
55°	345.1	371.5	380.3	378.6	380.3	371.5	345.1	316.9	287.5	270.3	252.1
52.5°	407.5	431.9	441.9	441.7	441.9	431.9	407.5	380.2	351.6	328.7	304.4
50°	491.0	512.8	523.6	525.1	523.6	512.8	491.0	464.8	434.7	403.5	370.6
47.5°	551.2	565.6	573.0	574.0	573.0	565.6	551.2	533.5	508.6	479.6	450.5
45°	588.1	595.8	601.7	606.6	601.7	595.8	588.1	577.7	554.5	526.0	496.1
42.5°	622.8	638.8	650.7	653.4	650.7	638.8	622.8	607.7	585.3	557.7	526.4
40°	669.2	691.4	712.6	734.8	712.6	691.4	669.2	645.5	620.5	592.3	567.7
37.5°	718.9	743.5	764.0	775.5	764.0	743.5	718.9	694.7	671.5	639.9	616.5
35°	617.8	601.7	592.0	588.2	592.0	601.7	617.8	644.3	682.0	708.1	679.5
32.5°	584.7	585.9	584.0	580.1	584.0	585.9	584.7	582.0	577.4	599.9	657.6
30°	660.2	671.0	672.3	671.7	672.3	671.0	660.2	637.6	607.2	591.4	583.5
27.5°	824.3	851.8	860.3	877.3	860.3	851.8	824.3	774.1	706.2	661.5	608.8
25°	1040.5	1082.1	1102.0	1109.3	1102.0	1082.1	1040.5	977.2	895.3	801.6	701.2
22.5°	1232.8	1264.5	1283.0	1298.6	1283.0	1264.5	1232.8	1185.1	1100.6	987.4	865.4
20°	1460.6	1518.4	1544.9	1546.9	1544.9	1518.4	1460.6	1361.9	1277.3	1176.1	1039.9
17.5°	1816.2	1928.8	1985.0	2000.8	1985.0	1928.8	1816.2	1657.0	1508.0	1332.9	1204.5
15°	2377.3	2664.5	2812.4	2882.2	2812.4	2664.5	2377.3	2066.7	1813.1	1562.3	1330.3
12.5°	3292.5	3940.2	4464.0	4661.2	4464.0	3940.2	3292.5	2727.3	2176.8	1810.5	1503.6
10°	5105.9	7040.3	9300.0	10354.3	9300.0	7040.3	5105.9	3602.5	2735.7	2062.9	1657.8
7.5°	9877.9	22934.6	44451.1	54714.9	44451.1	22934.6	9877.9	5156.3	3310.8	2387.8	1823.1
5°	21055.0	90866.4	162730.4	191140.8	162730.4	90866.4	21055.0	7174.7	4021.2	2706.1	1943.3
2.5°	33535.9	149032.8	281201.0	328806.4	281201.0	149032.8	33535.9	9434.4	4681.1	2907.0	2029.7
0°	40068.8	157053.2	310299.0	357799.3	310299.0	157053.2	40068.8	9737.6	4924.8	2967.7	2055.8
-2.5°	33535.9	149032.8	281201.0	328806.3	281201.0	149032.8	33535.9	9434.4	4681.1	2907.0	2029.7
-5°	21055.0	90866.4	162730.4	191140.8	162730.4	90866.4	21055.0	7174.7	4021.2	2706.1	1943.3
-7.5°	9877.9	22934.6	44451.1	54714.9	44451.1	22934.6	9877.9	5156.3	3310.8	2387.8	1823.1
-10°	5105.9	7040.3	9300.0	10354.3	9300.0	7040.3	5105.9	3602.5	2735.7	2062.9	1657.8
-12.5°	3292.5	3940.2	4464.0	4661.2	4464.0	3940.2	3292.5	2727.3	2176.8	1810.5	1503.6
-15°	2377.3	2664.5	2812.4	2882.2	2812.4	2664.5	2377.3	2066.7	1813.1	1562.3	1330.3
-17.5°	1816.2	1928.8	1985.0	2000.8	1985.0	1928.8	1816.2	1657.0	1508.0	1332.9	1204.5
-20°	1460.6	1518.4	1544.9	1546.9	1544.9	1518.4	1460.6	1361.9	1277.3	1176.1	1039.9



REPORT NUMBER: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	1232.8	1264.5	1283.0	1298.6	1283.0	1264.5	1232.8	1185.1	1100.6	987.4	865.4
-25°	1040.5	1082.1	1102.0	1109.3	1102.0	1082.1	1040.5	977.2	895.3	801.6	701.2
-27.5°	824.3	851.8	860.3	877.3	860.3	851.8	824.3	774.1	706.2	661.5	608.8
-30°	660.2	671.0	672.3	671.7	672.3	671.0	660.2	637.6	607.2	591.4	583.5
-32.5°	584.7	585.9	584.0	580.1	584.0	585.9	584.7	582.0	577.4	599.9	657.6
-35°	617.8	601.7	592.0	588.2	592.0	601.7	617.8	644.3	682.0	708.1	679.5
-37.5°	718.9	743.5	764.0	775.5	764.0	743.5	718.9	694.7	671.5	639.9	616.5
-40°	669.2	691.4	712.6	734.8	712.6	691.4	669.2	645.5	620.5	592.3	567.7
-42.5°	622.8	638.8	650.7	653.4	650.7	638.8	622.8	607.7	585.3	557.7	526.4
-45°	588.1	595.8	601.7	606.6	601.7	595.8	588.1	577.7	554.5	526.0	496.1
-47.5°	551.2	565.6	573.0	574.0	573.0	565.6	551.2	533.5	508.6	479.6	450.5
-50°	491.0	512.8	523.6	525.1	523.6	512.8	491.0	464.8	434.7	403.5	370.6
-52.5°	407.5	431.9	441.9	441.7	441.9	431.9	407.5	380.2	351.6	328.7	304.4
-55°	345.1	371.5	380.3	378.6	380.3	371.5	345.1	316.9	287.5	270.3	252.1
-57.5°	296.1	322.3	327.1	321.6	327.1	322.3	296.1	268.9	240.6	225.9	211.7
-60°	260.7	285.7	289.4	285.0	289.4	285.7	260.7	235.1	208.7	194.1	182.1
-62.5°	243.6	267.1	272.2	272.8	272.2	267.1	243.6	218.3	190.0	172.0	160.1
-65°	270.9	310.5	326.2	337.9	326.2	310.5	270.9	229.5	185.0	156.2	142.2
-67.5°	304.1	369.8	390.6	401.0	390.6	369.8	304.1	241.1	182.8	145.8	128.6
-70°	197.2	220.4	219.4	213.7	219.4	220.4	197.2	174.4	152.6	132.1	111.7
-72.5°	120.5	126.4	124.9	122.1	124.9	126.4	120.5	114.1	107.4	98.2	83.1
-75°	72.1	74.5	73.2	71.2	73.2	74.5	72.1	69.5	66.6	62.5	54.6
-77.5°	44.7	46.3	44.7	42.7	44.7	46.3	44.7	42.9	41.1	38.7	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: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-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°	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°	47.0	39.8	34.9	34.5	33.7	32.6	30.9	28.2	25.3	22.3	19.6
72.5°	69.0	55.9	48.7	48.1	47.2	46.1	44.7	42.3	38.7	33.9	29.5
70°	91.9	73.0	64.4	63.5	62.5	61.2	59.6	57.8	55.8	52.4	45.6
67.5°	110.0	89.8	82.5	81.4	80.4	78.7	75.3	72.3	69.8	67.0	60.2
65°	126.7	109.5	106.1	105.4	103.6	100.3	92.5	86.6	82.5	78.8	71.6
62.5°	147.1	133.0	132.8	131.6	129.5	124.7	114.3	104.9	96.4	89.0	82.9
60°	169.2	158.0	157.6	156.6	154.9	149.1	137.9	125.8	112.9	104.6	96.4
57.5°	196.6	186.7	184.8	182.1	178.7	170.0	159.5	148.6	135.5	123.6	112.2
55°	233.0	223.3	217.8	211.5	204.9	192.8	180.1	167.6	156.0	145.4	132.2
52.5°	279.6	269.2	258.8	247.0	234.9	218.8	202.6	188.4	175.3	163.6	151.4
50°	341.3	326.4	309.6	292.7	272.9	249.5	229.4	211.2	196.4	182.7	168.8
47.5°	420.4	396.9	371.0	348.0	319.9	289.9	263.4	237.7	220.8	202.5	187.1
45°	477.3	463.7	446.6	413.7	376.4	341.9	305.2	275.7	248.6	227.0	205.5
42.5°	516.5	506.6	492.7	471.6	443.8	401.3	358.6	319.8	284.6	254.5	227.2
40°	552.4	536.9	524.5	509.9	487.1	460.9	418.0	369.3	326.7	287.7	249.1
37.5°	594.5	572.1	555.6	537.9	520.1	497.0	469.5	426.0	371.8	322.5	276.0
35°	647.1	619.2	593.9	571.2	548.8	525.4	501.3	472.4	422.8	360.5	304.8
32.5°	713.9	678.8	644.3	613.1	578.5	550.2	525.5	499.9	466.7	403.6	339.2
30°	610.4	687.2	702.7	659.4	614.3	575.3	546.5	521.1	490.2	447.1	373.9
27.5°	593.2	588.7	673.8	707.9	652.4	605.0	569.1	539.6	512.0	474.1	413.6
25°	641.8	602.3	594.2	672.2	697.9	639.1	595.7	560.5	528.5	496.5	460.6
22.5°	736.5	656.5	604.9	594.3	690.9	683.1	627.9	582.4	547.8	527.4	493.1
20°	891.9	743.4	651.2	605.9	626.4	724.3	660.6	612.3	580.4	555.9	523.3
17.5°	1047.7	880.4	721.3	629.7	608.0	677.3	699.7	648.4	608.8	585.2	553.4
15°	1189.4	1007.6	828.6	690.7	619.1	632.0	734.0	681.7	635.5	612.3	578.1
12.5°	1280.6	1119.8	926.4	745.2	639.0	615.9	714.4	711.4	663.6	628.1	594.0
10°	1365.5	1198.5	1010.0	820.4	681.5	624.9	685.2	735.9	686.1	640.9	606.7
7.5°	1468.6	1246.0	1072.2	878.1	709.5	628.8	662.7	758.1	706.6	653.8	616.7
5°	1532.2	1278.8	1109.2	911.6	722.4	628.7	645.7	777.9	724.9	666.2	624.2
2.5°	1571.8	1297.1	1127.2	929.5	725.9	625.4	638.2	796.0	742.8	673.3	626.2
0°	1577.5	1294.5	1137.8	936.3	724.6	618.8	643.2	812.1	759.2	677.8	626.9
-2.5°	1571.8	1297.1	1127.2	929.5	725.9	625.4	638.2	796.0	742.8	673.3	626.2
-5°	1532.2	1278.8	1109.2	911.6	722.4	628.7	645.7	777.9	724.9	666.2	624.2
-7.5°	1468.6	1246.0	1072.2	878.1	709.5	628.8	662.7	758.1	706.6	653.8	616.7
-10°	1365.5	1198.5	1010.0	820.4	681.5	624.9	685.2	735.9	686.1	640.9	606.7
-12.5°	1280.6	1119.8	926.4	745.2	639.0	615.9	714.4	711.4	663.6	628.1	594.0
-15°	1189.4	1007.6	828.6	690.7	619.1	632.0	734.0	681.7	635.5	612.3	578.1
-17.5°	1047.7	880.4	721.3	629.7	608.0	677.3	699.7	648.4	608.8	585.2	553.4
-20°	891.9	743.4	651.2	605.9	626.4	724.3	660.6	612.3	580.4	555.9	523.3



REPORT NUMBER: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	736.5	656.5	604.9	594.3	690.9	683.1	627.9	582.4	547.8	527.4	493.1
-25°	641.8	602.3	594.2	672.2	697.9	639.1	595.7	560.5	528.5	496.5	460.6
-27.5°	593.2	588.7	673.8	707.9	652.4	605.0	569.1	539.6	512.0	474.1	413.6
-30°	610.4	687.2	702.7	659.4	614.3	575.3	546.5	521.1	490.2	447.1	373.9
-32.5°	713.9	678.8	644.3	613.1	578.5	550.2	525.5	499.9	466.7	403.6	339.2
-35°	647.1	619.2	593.9	571.2	548.8	525.4	501.3	472.4	422.8	360.5	304.8
-37.5°	594.5	572.1	555.6	537.9	520.1	497.0	469.5	426.0	371.8	322.5	276.0
-40°	552.4	536.9	524.5	509.9	487.1	460.9	418.0	369.3	326.7	287.7	249.1
-42.5°	516.5	506.6	492.7	471.6	443.8	401.3	358.6	319.8	284.6	254.5	227.2
-45°	477.3	463.7	446.6	413.7	376.4	341.9	305.2	275.7	248.6	227.0	205.5
-47.5°	420.4	396.9	371.0	348.0	319.9	289.9	263.4	237.7	220.8	202.5	187.1
-50°	341.3	326.4	309.6	292.7	272.9	249.5	229.4	211.2	196.4	182.7	168.8
-52.5°	279.6	269.2	258.8	247.0	234.9	218.8	202.6	188.4	175.3	163.6	151.4
-55°	233.0	223.3	217.8	211.5	204.9	192.8	180.1	167.6	156.0	145.4	132.2
-57.5°	196.6	186.7	184.8	182.1	178.7	170.0	159.5	148.6	135.5	123.6	112.2
-60°	169.2	158.0	157.6	156.6	154.9	149.1	137.9	125.8	112.9	104.6	96.4
-62.5°	147.1	133.0	132.8	131.6	129.5	124.7	114.3	104.9	96.4	89.0	82.9
-65°	126.7	109.5	106.1	105.4	103.6	100.3	92.5	86.6	82.5	78.8	71.6
-67.5°	110.0	89.8	82.5	81.4	80.4	78.7	75.3	72.3	69.8	67.0	60.2
-70°	91.9	73.0	64.4	63.5	62.5	61.2	59.6	57.8	55.8	52.4	45.6
-72.5°	69.0	55.9	48.7	48.1	47.2	46.1	44.7	42.3	38.7	33.9	29.5
-75°	47.0	39.8	34.9	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: P559161 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-940-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°	39.0	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°	63.6	55.8	48.2	41.2	34.4	28.0	22.5	18.7	15.6	12.6	9.5
62.5°	74.8	65.2	57.0	49.3	41.6	34.3	27.7	24.0	19.3	15.7	12.0
60°	87.4	77.8	66.3	57.4	48.9	40.6	34.1	29.3	24.4	18.8	14.8
57.5°	102.6	91.7	78.6	66.3	56.3	47.1	40.7	35.5	29.5	23.2	17.6
55°	118.9	106.2	90.6	76.5	64.1	53.8	48.0	42.1	34.9	27.9	20.6
52.5°	137.6	120.6	103.1	86.7	72.5	61.6	56.4	48.8	41.2	32.7	25.2
50°	155.0	135.7	115.9	97.7	80.6	71.7	65.1	57.0	47.6	37.7	30.1
47.5°	169.4	149.5	129.2	108.5	90.1	82.6	75.3	65.6	54.0	43.6	35.1
45°	184.1	162.0	141.4	120.1	103.0	95.0	86.4	74.5	62.1	50.6	40.3
42.5°	198.7	175.0	152.2	131.0	117.7	107.6	98.0	85.0	70.4	57.9	46.3
40°	217.3	188.3	162.8	144.1	132.1	119.9	109.4	96.1	79.1	65.9	52.9
37.5°	235.3	203.4	174.7	158.1	145.8	132.7	120.6	107.6	90.0	75.0	59.5
35°	258.7	219.3	191.5	172.8	158.2	144.9	131.4	118.7	102.6	84.2	66.3
32.5°	281.1	239.2	210.7	187.7	170.1	156.6	142.1	132.7	115.7	93.5	73.2
30°	311.3	265.8	229.5	201.8	181.9	167.1	155.5	148.4	129.2	102.9	80.4
27.5°	348.5	291.9	248.8	217.5	194.2	177.5	173.4	165.8	143.1	113.0	88.1
25°	386.4	322.9	272.0	233.4	205.8	195.3	190.9	184.5	157.6	124.4	95.7
22.5°	428.2	354.3	294.4	248.4	225.5	212.3	207.7	200.4	172.8	135.8	103.2
20°	468.7	384.1	317.4	273.3	246.8	230.5	223.5	216.0	188.7	147.2	110.5
17.5°	505.6	417.6	349.7	300.5	268.4	248.4	238.7	231.4	205.0	158.3	117.5
15°	530.2	453.5	379.9	326.0	289.1	265.8	253.4	246.4	221.5	169.2	122.6
12.5°	551.1	484.8	407.1	349.7	309.0	282.7	267.7	261.2	238.0	176.3	125.2
10°	568.6	511.8	431.4	371.6	327.8	299.1	281.5	271.6	244.4	179.8	127.6
7.5°	582.9	534.6	453.0	391.9	343.3	307.4	283.6	273.4	248.2	182.5	129.5
5°	592.9	548.0	463.2	397.1	344.5	306.8	283.6	275.0	250.8	184.3	131.0
2.5°	594.4	549.4	465.8	398.8	344.8	305.4	283.4	276.1	252.2	185.2	132.0
0°	594.4	547.5	466.1	398.9	344.0	303.3	282.9	276.8	252.4	185.2	132.3
-2.5°	594.4	549.4	465.8	398.8	344.8	305.4	283.4	276.1	252.2	185.2	132.0
-5°	592.9	548.0	463.2	397.1	344.5	306.8	283.6	275.0	250.8	184.3	131.0
-7.5°	582.9	534.6	453.0	391.9	343.3	307.4	283.6	273.4	248.2	182.5	129.5
-10°	568.6	511.8	431.4	371.6	327.8	299.1	281.5	271.6	244.4	179.8	127.6
-12.5°	551.1	484.8	407.1	349.7	309.0	282.7	267.7	261.2	238.0	176.3	125.2
-15°	530.2	453.5	379.9	326.0	289.1	265.8	253.4	246.4	221.5	169.2	122.6
-17.5°	505.6	417.6	349.7	300.5	268.4	248.4	238.7	231.4	205.0	158.3	117.5
-20°	468.7	384.1	317.4	273.3	246.8	230.5	223.5	216.0	188.7	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°	428.2	354.3	294.4	248.4	225.5	212.3	207.7	200.4	172.8	135.8	103.2
-25°	386.4	322.9	272.0	233.4	205.8	195.3	190.9	184.5	157.6	124.4	95.7
-27.5°	348.5	291.9	248.8	217.5	194.2	177.5	173.4	165.8	143.1	113.0	88.1
-30°	311.3	265.8	229.5	201.8	181.9	167.1	155.5	148.4	129.2	102.9	80.4
-32.5°	281.1	239.2	210.7	187.7	170.1	156.6	142.1	132.7	115.7	93.5	73.2
-35°	258.7	219.3	191.5	172.8	158.2	144.9	131.4	118.7	102.6	84.2	66.3
-37.5°	235.3	203.4	174.7	158.1	145.8	132.7	120.6	107.6	90.0	75.0	59.5
-40°	217.3	188.3	162.8	144.1	132.1	119.9	109.4	96.1	79.1	65.9	52.9
-42.5°	198.7	175.0	152.2	131.0	117.7	107.6	98.0	85.0	70.4	57.9	46.3
-45°	184.1	162.0	141.4	120.1	103.0	95.0	86.4	74.5	62.1	50.6	40.3
-47.5°	169.4	149.5	129.2	108.5	90.1	82.6	75.3	65.6	54.0	43.6	35.1
-50°	155.0	135.7	115.9	97.7	80.6	71.7	65.1	57.0	47.6	37.7	30.1
-52.5°	137.6	120.6	103.1	86.7	72.5	61.6	56.4	48.8	41.2	32.7	25.2
-55°	118.9	106.2	90.6	76.5	64.1	53.8	48.0	42.1	34.9	27.9	20.6
-57.5°	102.6	91.7	78.6	66.3	56.3	47.1	40.7	35.5	29.5	23.2	17.6
-60°	87.4	77.8	66.3	57.4	48.9	40.6	34.1	29.3	24.4	18.8	14.8
-62.5°	74.8	65.2	57.0	49.3	41.6	34.3	27.7	24.0	19.3	15.7	12.0
-65°	63.6	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°	39.0	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°	21.6	14.2	8.4	4.1	4.2	2.6	0.0
47.5°	24.9	16.7	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°	34.0	21.9	11.4	5.8	4.4	3.0	0.0
40°	38.7	24.5	12.9	6.5	4.5	3.1	0.0
37.5°	43.4	27.1	14.9	7.2	4.6	3.3	0.0
35°	48.1	30.4	16.8	7.8	4.6	3.4	0.0
32.5°	53.2	34.1	18.7	8.4	4.7	3.5	0.0
30°	58.7	37.8	20.6	8.8	4.8	3.6	0.0
27.5°	64.2	41.4	21.8	9.2	4.9	3.6	0.0
25°	69.6	44.9	22.7	9.6	5.0	3.7	0.0
22.5°	74.9	47.6	23.5	9.9	5.1	3.8	0.0
20°	80.1	48.6	24.0	10.1	5.3	3.9	0.0
17.5°	82.8	49.3	24.3	10.3	5.4	3.9	0.0
15°	83.8	49.6	24.5	10.4	5.5	4.0	0.0
12.5°	84.4	49.5	24.5	10.5	5.6	4.0	0.0
10°	84.6	49.1	24.4	10.5	5.7	4.0	0.0
7.5°	84.4	48.4	24.1	10.5	5.8	4.1	0.0
5°	83.8	47.5	23.6	10.4	5.9	4.1	0.0
2.5°	82.8	46.3	23.1	10.3	6.0	4.1	0.0
0°	81.4	44.8	22.4	10.2	6.1	4.1	0.0
-2.5°	82.8	46.3	23.1	10.3	6.0	4.1	0.0
-5°	83.8	47.5	23.6	10.4	5.9	4.1	0.0
-7.5°	84.4	48.4	24.1	10.5	5.8	4.1	0.0
-10°	84.6	49.1	24.4	10.5	5.7	4.0	0.0
-12.5°	84.4	49.5	24.5	10.5	5.6	4.0	0.0
-15°	83.8	49.6	24.5	10.4	5.5	4.0	0.0
-17.5°	82.8	49.3	24.3	10.3	5.4	3.9	0.0
-20°	80.1	48.6	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°	74.9	47.6	23.5	9.9	5.1	3.8	0.0
-25°	69.6	44.9	22.7	9.6	5.0	3.7	0.0
-27.5°	64.2	41.4	21.8	9.2	4.9	3.6	0.0
-30°	58.7	37.8	20.6	8.8	4.8	3.6	0.0
-32.5°	53.2	34.1	18.7	8.4	4.7	3.5	0.0
-35°	48.1	30.4	16.8	7.8	4.6	3.4	0.0
-37.5°	43.4	27.1	14.9	7.2	4.6	3.3	0.0
-40°	38.7	24.5	12.9	6.5	4.5	3.1	0.0
-42.5°	34.0	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	16.7	9.4	4.3	4.3	2.8	0.0
-50°	21.6	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)