

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: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559057 (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-SA5C-935-U-TSB-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

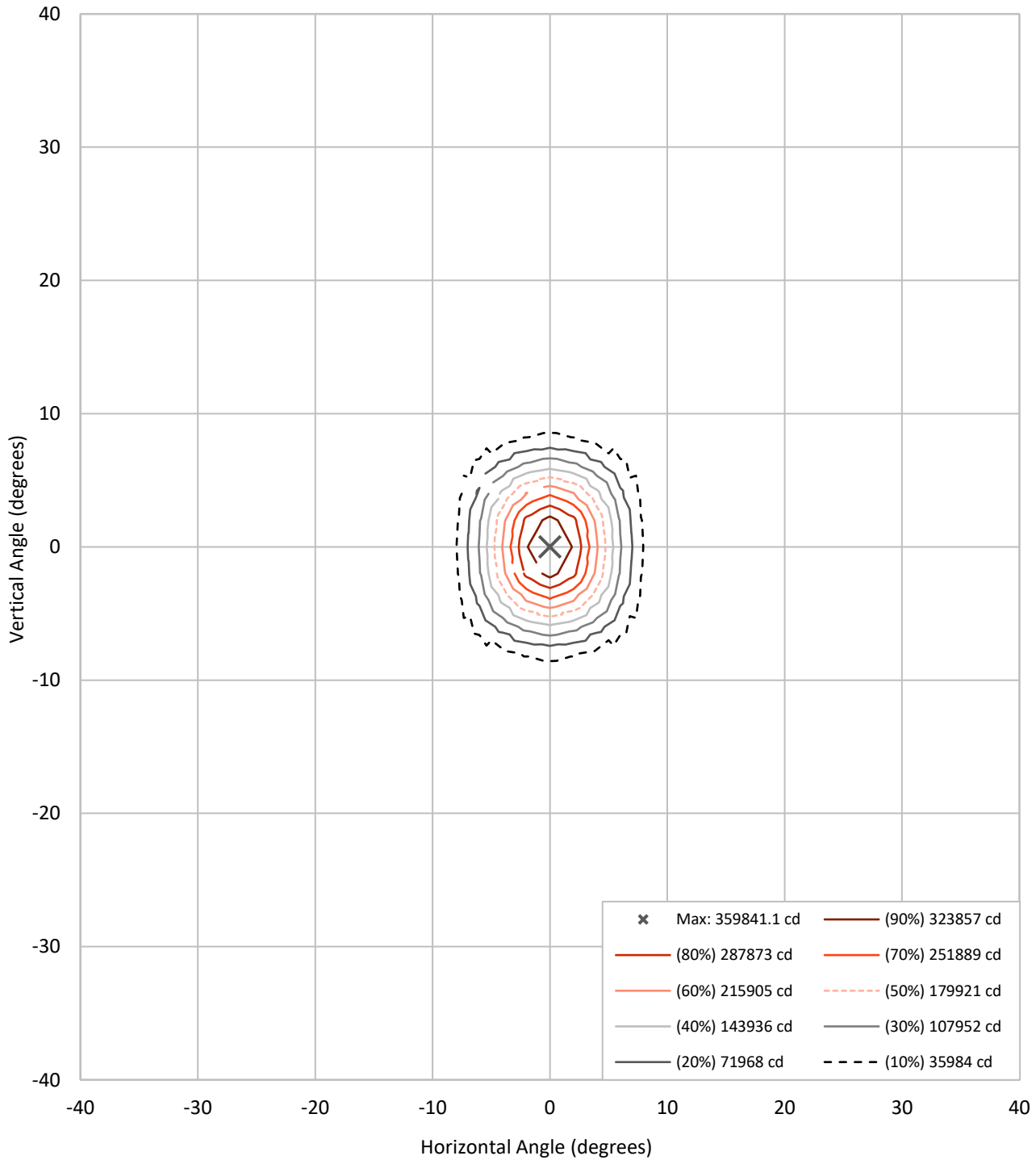
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14013 lumens	Max Intensity:	359841.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6006.2 lumens	Field Lumens:	10351.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 201  
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





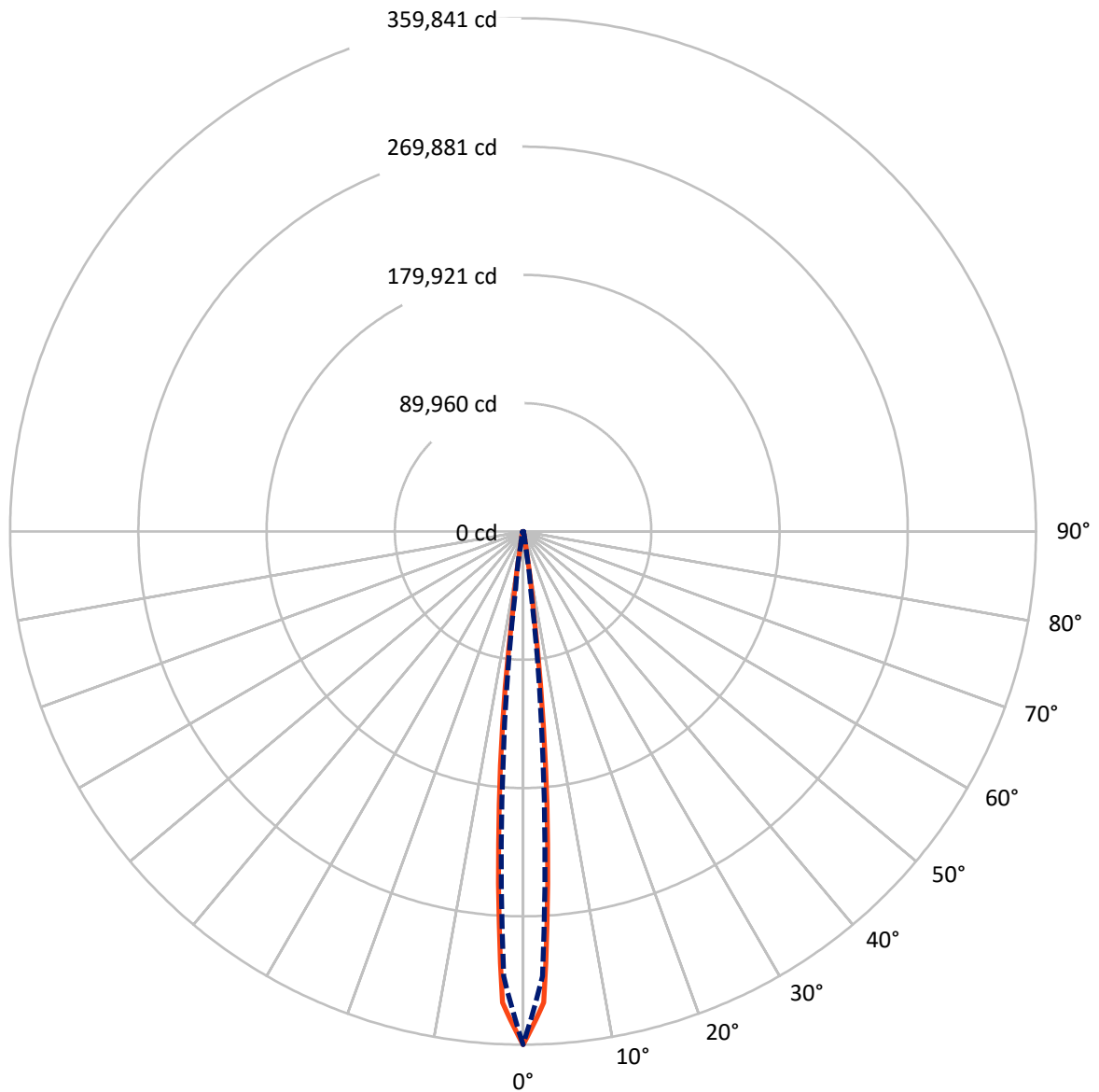
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### Lumen Table

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	4.6	6.2	8.3	11.3	11.3	8.3	6.2	4.6	2.9	1.4	0.6				
50	0.7	1.0	2.2	4.5	7.9	11.9	15.2	18.2	18.2	15.2	11.9	7.9	4.5	2.2	1.0	0.7			
40		1.5	3.1	6.8	12.3	16.6	18.8	19.9	19.9	18.8	16.6	12.3	6.8	3.1	1.5				
30	1.4	2.3	4.3	9.6	15.1	18.0	24.6	32.3	32.3	24.6	18.0	15.1	9.6	4.3	2.3	1.4			
20		3.1	6.0	12.2	16.7	23.8	48.2	96.2	96.2	48.2	23.8	16.7	12.2	6.0	3.1				
10	1.6	3.4	7.2	13.6	17.4	30.5	95.2	2815.4	2815.4	95.2	30.5	17.4	13.6	7.2	3.4	1.6			
0		3.4	7.2	13.6	17.4	30.5	95.2	2815.4	2815.4	95.2	30.5	17.4	13.6	7.2	3.4				
-10	1.4	3.1	6.0	12.2	16.7	23.8	48.2	96.2	96.2	48.2	23.8	16.7	12.2	6.0	3.1	1.4			
-20		2.3	4.3	9.6	15.1	18.0	24.6	32.3	32.3	24.6	18.0	15.1	9.6	4.3	2.3				
-30	0.7	1.5	3.1	6.8	12.3	16.6	18.8	19.9	19.9	18.8	16.6	12.3	6.8	3.1	1.5	0.7			
-40		1.0	2.2	4.5	7.9	11.9	15.2	18.2	18.2	15.2	11.9	7.9	4.5	2.2	1.0				
-50	0.2	0.6	1.4	2.9	4.6	6.2	8.3	11.3	11.3	8.3	6.2	4.6	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		0.1	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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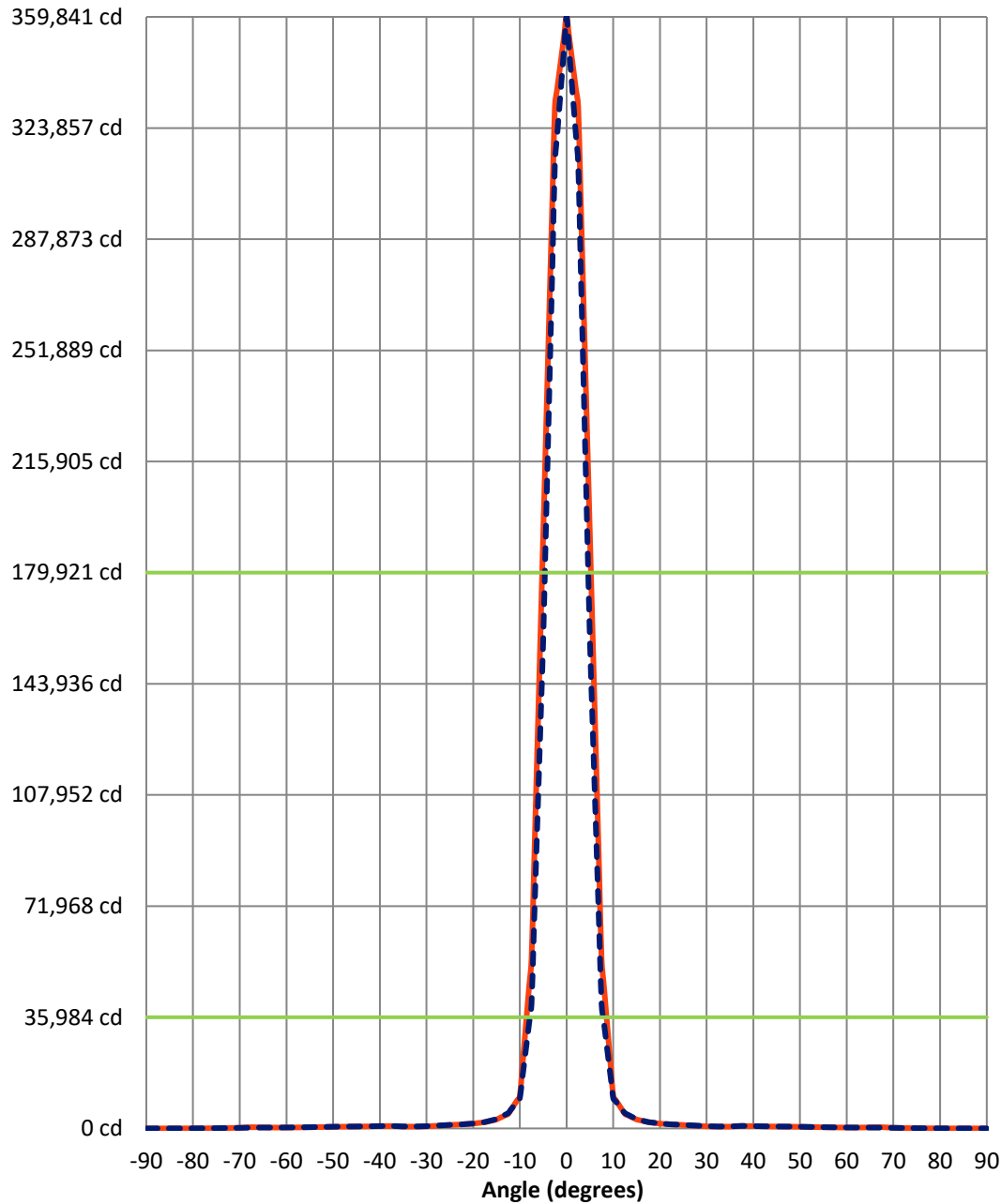
### Luminous Intensity Polar Plot



— 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: 6006.2  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 10351.6  
Efficiency: 73.9%

**Spill:**  
Lumens: 3661.4  
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	6.3
72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.2	8.1
70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.8	9.0	11.2
67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.8	7.9	9.6	12.3	14.7
65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.5	12.7	15.7	18.8
62.5°	0.0	1.9	3.8	4.1	4.1	6.1	8.9	12.0	15.8	19.4	24.1
60°	0.0	2.0	4.1	4.1	4.1	7.5	10.4	14.8	18.9	24.5	29.5
57.5°	0.0	2.2	4.1	4.1	5.2	8.8	13.1	17.7	23.3	29.6	35.7
55°	0.0	2.4	4.2	4.1	6.3	10.1	15.9	20.7	28.1	35.1	42.3
52.5°	0.0	2.5	4.2	4.1	7.3	11.7	18.8	25.3	32.8	41.4	49.1
50°	0.0	2.6	4.2	4.1	8.4	14.2	21.8	30.2	37.9	47.8	57.3
47.5°	0.0	2.8	4.3	4.3	9.4	16.8	25.0	35.3	43.8	54.3	66.0
45°	0.0	2.9	4.3	5.1	10.5	19.4	29.6	40.6	50.8	62.5	74.9
42.5°	0.0	3.0	4.4	5.8	11.5	22.0	34.2	46.6	58.2	70.8	85.5
40°	0.0	3.1	4.5	6.5	13.0	24.6	38.9	53.2	66.2	79.5	96.7
37.5°	0.0	3.3	4.6	7.2	15.0	27.2	43.7	59.9	75.4	90.5	108.2
35°	0.0	3.4	4.6	7.9	17.0	30.6	48.5	66.7	84.7	103.2	119.4
32.5°	0.0	3.5	4.7	8.4	18.9	34.4	53.5	73.7	94.0	116.3	133.4
30°	0.0	3.6	4.8	8.9	20.7	38.0	59.1	80.9	103.5	129.9	149.3
27.5°	0.0	3.6	4.9	9.3	21.9	41.7	64.6	88.6	113.7	143.9	166.8
25°	0.0	3.7	5.0	9.6	22.9	45.2	70.1	96.3	125.1	158.4	185.6
22.5°	0.0	3.8	5.1	9.9	23.6	48.0	75.4	103.8	136.6	173.8	201.6
20°	0.0	3.9	5.3	10.2	24.1	49.0	80.6	111.1	148.0	189.8	217.3
17.5°	0.0	3.9	5.4	10.3	24.5	49.6	83.3	118.2	159.2	206.2	232.7
15°	0.0	4.0	5.5	10.4	24.7	49.9	84.3	123.3	170.2	222.8	247.9
12.5°	0.0	4.0	5.6	10.5	24.7	49.8	84.9	126.0	177.2	239.4	262.7
10°	0.0	4.0	5.7	10.5	24.5	49.4	85.1	128.3	180.8	245.8	273.2
7.5°	0.0	4.1	5.8	10.5	24.2	48.7	84.9	130.3	183.5	249.6	275.0
5°	0.0	4.1	5.9	10.4	23.7	47.7	84.3	131.8	185.3	252.2	276.5
2.5°	0.0	4.1	6.0	10.3	23.2	46.5	83.3	132.8	186.2	253.6	277.7
0°	0.0	4.1	6.1	10.2	22.5	45.0	81.9	133.1	186.3	253.8	278.4
-2.5°	0.0	4.1	6.0	10.3	23.2	46.5	83.3	132.8	186.2	253.6	277.7
-5°	0.0	4.1	5.9	10.4	23.7	47.7	84.3	131.8	185.3	252.2	276.5
-7.5°	0.0	4.1	5.8	10.5	24.2	48.7	84.9	130.3	183.5	249.6	275.0
-10°	0.0	4.0	5.7	10.5	24.5	49.4	85.1	128.3	180.8	245.8	273.2
-12.5°	0.0	4.0	5.6	10.5	24.7	49.8	84.9	126.0	177.2	239.4	262.7
-15°	0.0	4.0	5.5	10.4	24.7	49.9	84.3	123.3	170.2	222.8	247.9
-17.5°	0.0	3.9	5.4	10.3	24.5	49.6	83.3	118.2	159.2	206.2	232.7
-20°	0.0	3.9	5.3	10.2	24.1	49.0	80.6	111.1	148.0	189.8	217.3



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 CATALOG NUMBER: GFLD-SA5C-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	23.6	48.0	75.4	103.8	136.6	173.8	201.6
-25°	0.0	3.7	5.0	9.6	22.9	45.2	70.1	96.3	125.1	158.4	185.6
-27.5°	0.0	3.6	4.9	9.3	21.9	41.7	64.6	88.6	113.7	143.9	166.8
-30°	0.0	3.6	4.8	8.9	20.7	38.0	59.1	80.9	103.5	129.9	149.3
-32.5°	0.0	3.5	4.7	8.4	18.9	34.4	53.5	73.7	94.0	116.3	133.4
-35°	0.0	3.4	4.6	7.9	17.0	30.6	48.5	66.7	84.7	103.2	119.4
-37.5°	0.0	3.3	4.6	7.2	15.0	27.2	43.7	59.9	75.4	90.5	108.2
-40°	0.0	3.1	4.5	6.5	13.0	24.6	38.9	53.2	66.2	79.5	96.7
-42.5°	0.0	3.0	4.4	5.8	11.5	22.0	34.2	46.6	58.2	70.8	85.5
-45°	0.0	2.9	4.3	5.1	10.5	19.4	29.6	40.6	50.8	62.5	74.9
-47.5°	0.0	2.8	4.3	4.3	9.4	16.8	25.0	35.3	43.8	54.3	66.0
-50°	0.0	2.6	4.2	4.1	8.4	14.2	21.8	30.2	37.9	47.8	57.3
-52.5°	0.0	2.5	4.2	4.1	7.3	11.7	18.8	25.3	32.8	41.4	49.1
-55°	0.0	2.4	4.2	4.1	6.3	10.1	15.9	20.7	28.1	35.1	42.3
-57.5°	0.0	2.2	4.1	4.1	5.2	8.8	13.1	17.7	23.3	29.6	35.7
-60°	0.0	2.0	4.1	4.1	4.1	7.5	10.4	14.8	18.9	24.5	29.5
-62.5°	0.0	1.9	3.8	4.1	4.1	6.1	8.9	12.0	15.8	19.4	24.1
-65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.5	12.7	15.7	18.8
-67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.8	7.9	9.6	12.3	14.7
-70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.8	9.0	11.2
-72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.2	8.1
-75°	0.0	1.1	2.1	3.2	4.1	4.1	4.1	4.1	4.3	5.4	6.3
-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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 CATALOG NUMBER: GFLD-SA5C-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	5.0	5.3	5.6
80°	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.7	9.8
77.5°	5.3	6.1	6.9	7.6	8.5	10.1	11.4	12.5	14.0	15.6	17.3
75°	7.2	8.1	10.1	12.4	14.4	16.0	17.5	19.7	22.4	25.4	28.3
72.5°	9.8	12.3	15.0	17.9	21.3	24.2	27.0	29.7	34.1	38.9	42.5
70°	13.5	16.6	20.8	25.5	29.9	33.7	39.2	45.9	52.6	56.0	58.1
67.5°	17.4	22.4	27.5	33.1	39.2	45.6	53.3	60.5	67.3	70.1	72.7
65°	22.6	28.2	34.6	41.4	48.4	56.1	64.0	72.0	79.2	82.9	87.1
62.5°	27.9	34.6	41.9	49.5	57.3	65.6	75.2	83.3	89.5	96.9	105.5
60°	34.3	40.9	49.2	57.7	66.7	78.3	87.9	96.9	105.2	113.6	126.6
57.5°	41.0	47.4	56.7	66.7	79.1	92.3	103.2	112.9	124.4	136.3	149.4
55°	48.4	54.1	64.6	77.0	91.1	106.8	119.6	133.0	146.2	156.9	168.5
52.5°	56.7	62.0	72.9	87.2	103.7	121.3	138.3	152.2	164.5	176.3	189.5
50°	65.5	72.2	81.1	98.3	116.6	136.5	155.8	169.8	183.7	197.6	212.5
47.5°	75.8	83.2	90.6	109.2	129.9	150.3	170.3	188.2	203.7	222.1	239.1
45°	86.9	95.6	103.6	120.8	142.1	162.9	185.1	206.7	228.4	250.1	277.3
42.5°	98.7	108.2	118.4	131.7	153.0	176.0	199.9	228.5	256.0	286.3	321.7
40°	110.1	120.6	132.9	144.9	163.8	189.4	218.5	250.6	289.4	328.6	371.4
37.5°	121.3	133.4	146.5	159.0	175.8	204.6	236.6	277.6	324.4	373.9	428.4
35°	132.2	145.7	159.1	173.8	192.6	220.5	260.1	306.6	362.7	425.2	475.1
32.5°	142.9	157.4	171.0	188.8	211.9	240.6	282.7	341.2	405.9	469.3	502.7
30°	156.4	168.0	182.9	202.9	230.8	267.3	313.1	376.1	449.6	493.0	524.0
27.5°	174.3	178.5	195.3	218.8	250.2	293.6	350.5	415.9	476.8	514.9	542.7
25°	192.0	196.3	206.9	234.7	273.5	324.7	388.6	463.2	499.4	531.5	563.7
22.5°	208.9	213.4	226.8	249.7	296.0	356.4	430.6	495.9	530.4	550.9	585.7
20°	224.8	231.8	248.2	274.8	319.2	386.3	471.4	526.3	559.1	583.7	615.8
17.5°	240.1	249.8	269.9	302.2	351.7	420.0	508.5	556.5	588.5	612.2	652.1
15°	254.9	267.3	290.7	327.8	382.0	456.1	533.2	581.3	615.8	639.1	685.6
12.5°	269.2	284.3	310.7	351.6	409.4	487.5	554.2	597.3	631.7	667.4	715.4
10°	283.1	300.9	329.7	373.7	433.8	514.6	571.8	610.2	644.5	689.9	740.1
7.5°	285.2	309.2	345.2	394.1	455.5	537.6	586.2	620.2	657.5	710.6	762.4
5°	285.2	308.5	346.4	399.4	465.8	551.1	596.3	627.8	670.0	729.0	782.3
2.5°	285.0	307.1	346.7	401.1	468.4	552.6	597.8	629.8	677.2	747.1	800.6
0°	284.5	305.0	346.0	401.2	468.8	550.7	597.7	630.5	681.7	763.6	816.8
-2.5°	285.0	307.1	346.7	401.1	468.4	552.6	597.8	629.8	677.2	747.1	800.6
-5°	285.2	308.5	346.4	399.4	465.8	551.1	596.3	627.8	670.0	729.0	782.3
-7.5°	285.2	309.2	345.2	394.1	455.5	537.6	586.2	620.2	657.5	710.6	762.4
-10°	283.1	300.9	329.7	373.7	433.8	514.6	571.8	610.2	644.5	689.9	740.1
-12.5°	269.2	284.3	310.7	351.6	409.4	487.5	554.2	597.3	631.7	667.4	715.4
-15°	254.9	267.3	290.7	327.8	382.0	456.1	533.2	581.3	615.8	639.1	685.6
-17.5°	240.1	249.8	269.9	302.2	351.7	420.0	508.5	556.5	588.5	612.2	652.1
-20°	224.8	231.8	248.2	274.8	319.2	386.3	471.4	526.3	559.1	583.7	615.8



REPORT NUMBER: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	208.9	213.4	226.8	249.7	296.0	356.4	430.6	495.9	530.4	550.9	585.7
-25°	192.0	196.3	206.9	234.7	273.5	324.7	388.6	463.2	499.4	531.5	563.7
-27.5°	174.3	178.5	195.3	218.8	250.2	293.6	350.5	415.9	476.8	514.9	542.7
-30°	156.4	168.0	182.9	202.9	230.8	267.3	313.1	376.1	449.6	493.0	524.0
-32.5°	142.9	157.4	171.0	188.8	211.9	240.6	282.7	341.2	405.9	469.3	502.7
-35°	132.2	145.7	159.1	173.8	192.6	220.5	260.1	306.6	362.7	425.2	475.1
-37.5°	121.3	133.4	146.5	159.0	175.8	204.6	236.6	277.6	324.4	373.9	428.4
-40°	110.1	120.6	132.9	144.9	163.8	189.4	218.5	250.6	289.4	328.6	371.4
-42.5°	98.7	108.2	118.4	131.7	153.0	176.0	199.9	228.5	256.0	286.3	321.7
-45°	86.9	95.6	103.6	120.8	142.1	162.9	185.1	206.7	228.4	250.1	277.3
-47.5°	75.8	83.2	90.6	109.2	129.9	150.3	170.3	188.2	203.7	222.1	239.1
-50°	65.5	72.2	81.1	98.3	116.6	136.5	155.8	169.8	183.7	197.6	212.5
-52.5°	56.7	62.0	72.9	87.2	103.7	121.3	138.3	152.2	164.5	176.3	189.5
-55°	48.4	54.1	64.6	77.0	91.1	106.8	119.6	133.0	146.2	156.9	168.5
-57.5°	41.0	47.4	56.7	66.7	79.1	92.3	103.2	112.9	124.4	136.3	149.4
-60°	34.3	40.9	49.2	57.7	66.7	78.3	87.9	96.9	105.2	113.6	126.6
-62.5°	27.9	34.6	41.9	49.5	57.3	65.6	75.2	83.3	89.5	96.9	105.5
-65°	22.6	28.2	34.6	41.4	48.4	56.1	64.0	72.0	79.2	82.9	87.1
-67.5°	17.4	22.4	27.5	33.1	39.2	45.6	53.3	60.5	67.3	70.1	72.7
-70°	13.5	16.6	20.8	25.5	29.9	33.7	39.2	45.9	52.6	56.0	58.1
-72.5°	9.8	12.3	15.0	17.9	21.3	24.2	27.0	29.7	34.1	38.9	42.5
-75°	7.2	8.1	10.1	12.4	14.4	16.0	17.5	19.7	22.4	25.4	28.3
-77.5°	5.3	6.1	6.9	7.6	8.5	10.1	11.4	12.5	14.0	15.6	17.3
-80°	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.7	9.8
-82.5°	3.8	3.6	3.5	3.5	3.7	3.9	4.2	4.6	5.0	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: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
80°	10.9	11.8	12.5	13.0	13.3	14.8	16.6	18.5	20.4	21.1	21.6
77.5°	19.5	20.9	21.9	22.5	23.0	26.2	30.3	34.6	39.0	41.3	43.2
75°	31.1	32.8	33.9	34.7	35.2	40.1	47.3	54.9	62.8	66.9	69.9
72.5°	44.9	46.4	47.4	48.4	49.1	56.3	69.4	83.7	98.8	108.0	114.8
70°	59.9	61.5	62.9	64.0	64.8	73.4	92.5	112.3	132.9	153.5	175.4
67.5°	75.7	79.1	80.9	81.9	83.0	90.4	110.7	129.3	146.7	183.9	242.5
65°	93.0	100.9	104.2	106.0	106.7	110.1	127.5	143.1	157.1	186.1	230.8
62.5°	115.0	125.4	130.2	132.3	133.6	133.7	147.9	161.0	173.1	191.2	219.6
60°	138.7	149.9	155.8	157.4	158.5	158.9	170.2	183.2	195.2	209.9	236.4
57.5°	160.4	170.9	179.7	183.1	185.8	187.8	197.7	212.9	227.1	241.9	270.4
55°	181.2	193.9	206.0	212.7	219.0	224.5	234.3	253.5	271.8	289.1	318.7
52.5°	203.8	220.1	236.3	248.4	260.3	270.7	281.2	306.1	330.6	353.6	382.4
50°	230.7	250.9	274.5	294.3	311.4	328.2	343.3	372.7	405.8	437.2	467.5
47.5°	264.9	291.6	321.7	350.0	373.1	399.2	422.8	453.1	482.3	511.5	536.5
45°	306.9	343.8	378.5	416.1	449.1	466.3	480.0	498.9	528.9	557.6	581.0
42.5°	360.6	403.6	446.3	474.3	495.5	509.5	519.4	529.3	560.9	588.6	611.2
40°	420.4	463.5	489.9	512.8	527.5	539.9	555.5	570.9	595.7	624.1	649.2
37.5°	472.2	499.9	523.0	541.0	558.8	575.4	597.8	620.0	643.5	675.4	698.7
35°	504.1	528.4	551.9	574.4	597.2	622.7	650.8	683.3	712.2	686.0	648.0
32.5°	528.5	553.4	581.8	616.6	648.0	682.7	717.9	661.3	603.4	580.7	585.3
30°	549.6	578.6	617.8	663.2	706.7	691.2	613.9	586.8	594.8	610.7	641.3
27.5°	572.4	608.4	656.1	711.9	677.6	592.1	596.6	612.3	665.3	710.2	778.5
25°	599.2	642.7	701.9	676.0	597.6	605.7	645.4	705.3	806.2	900.4	982.8
22.5°	631.5	687.0	694.8	597.7	608.3	660.2	740.8	870.4	993.1	1106.9	1191.8
20°	664.4	728.4	629.9	609.4	654.9	747.6	897.1	1045.9	1182.8	1284.6	1369.7
17.5°	703.7	681.1	611.4	633.3	725.4	885.4	1053.7	1211.4	1340.5	1516.6	1666.4
15°	738.2	635.6	622.6	694.7	833.3	1013.3	1196.2	1337.9	1571.2	1823.4	2078.5
12.5°	718.4	619.4	642.7	749.5	931.6	1126.2	1287.9	1512.2	1820.9	2189.3	2742.9
10°	689.2	628.5	685.4	825.1	1015.8	1205.4	1373.3	1667.3	2074.7	2751.3	3623.1
7.5°	666.5	632.4	713.6	883.2	1078.4	1253.2	1477.0	1833.6	2401.4	3329.7	5185.7
5°	649.3	632.3	726.5	916.8	1115.5	1286.2	1541.0	1954.4	2721.5	4044.1	7215.7
2.5°	641.7	629.0	730.1	934.9	1133.7	1304.6	1580.8	2041.3	2923.6	4707.9	9488.1
0°	646.9	622.3	728.8	941.6	1144.3	1301.9	1586.5	2067.5	2984.6	4952.9	9793.2
-2.5°	641.7	629.0	730.1	934.9	1133.7	1304.6	1580.8	2041.3	2923.6	4707.9	9488.1
-5°	649.3	632.3	726.5	916.8	1115.5	1286.2	1541.0	1954.4	2721.5	4044.1	7215.7
-7.5°	666.5	632.4	713.6	883.2	1078.4	1253.2	1477.0	1833.6	2401.4	3329.7	5185.7
-10°	689.2	628.5	685.4	825.1	1015.8	1205.4	1373.3	1667.3	2074.7	2751.3	3623.1
-12.5°	718.4	619.4	642.7	749.5	931.6	1126.2	1287.9	1512.2	1820.9	2189.3	2742.9
-15°	738.2	635.6	622.6	694.7	833.3	1013.3	1196.2	1337.9	1571.2	1823.4	2078.5
-17.5°	703.7	681.1	611.4	633.3	725.4	885.4	1053.7	1211.4	1340.5	1516.6	1666.4
-20°	664.4	728.4	629.9	609.4	654.9	747.6	897.1	1045.9	1182.8	1284.6	1369.7



REPORT NUMBER: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	631.5	687.0	694.8	597.7	608.3	660.2	740.8	870.4	993.1	1106.9	1191.8
-25°	599.2	642.7	701.9	676.0	597.6	605.7	645.4	705.3	806.2	900.4	982.8
-27.5°	572.4	608.4	656.1	711.9	677.6	592.1	596.6	612.3	665.3	710.2	778.5
-30°	549.6	578.6	617.8	663.2	706.7	691.2	613.9	586.8	594.8	610.7	641.3
-32.5°	528.5	553.4	581.8	616.6	648.0	682.7	717.9	661.3	603.4	580.7	585.3
-35°	504.1	528.4	551.9	574.4	597.2	622.7	650.8	683.3	712.2	686.0	648.0
-37.5°	472.2	499.9	523.0	541.0	558.8	575.4	597.8	620.0	643.5	675.4	698.7
-40°	420.4	463.5	489.9	512.8	527.5	539.9	555.5	570.9	595.7	624.1	649.2
-42.5°	360.6	403.6	446.3	474.3	495.5	509.5	519.4	529.3	560.9	588.6	611.2
-45°	306.9	343.8	378.5	416.1	449.1	466.3	480.0	498.9	528.9	557.6	581.0
-47.5°	264.9	291.6	321.7	350.0	373.1	399.2	422.8	453.1	482.3	511.5	536.5
-50°	230.7	250.9	274.5	294.3	311.4	328.2	343.3	372.7	405.8	437.2	467.5
-52.5°	203.8	220.1	236.3	248.4	260.3	270.7	281.2	306.1	330.6	353.6	382.4
-55°	181.2	193.9	206.0	212.7	219.0	224.5	234.3	253.5	271.8	289.1	318.7
-57.5°	160.4	170.9	179.7	183.1	185.8	187.8	197.7	212.9	227.1	241.9	270.4
-60°	138.7	149.9	155.8	157.4	158.5	158.9	170.2	183.2	195.2	209.9	236.4
-62.5°	115.0	125.4	130.2	132.3	133.6	133.7	147.9	161.0	173.1	191.2	219.6
-65°	93.0	100.9	104.2	106.0	106.7	110.1	127.5	143.1	157.1	186.1	230.8
-67.5°	75.7	79.1	80.9	81.9	83.0	90.4	110.7	129.3	146.7	183.9	242.5
-70°	59.9	61.5	62.9	64.0	64.8	73.4	92.5	112.3	132.9	153.5	175.4
-72.5°	44.9	46.4	47.4	48.4	49.1	56.3	69.4	83.7	98.8	108.0	114.8
-75°	31.1	32.8	33.9	34.7	35.2	40.1	47.3	54.9	62.8	66.9	69.9
-77.5°	19.5	20.9	21.9	22.5	23.0	26.2	30.3	34.6	39.0	41.3	43.2
-80°	10.9	11.8	12.5	13.0	13.3	14.8	16.6	18.5	20.4	21.1	21.6
-82.5°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
-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: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
80°	22.0	22.3	21.5	20.5	21.5	22.3	22.0	21.6	21.1	20.4	18.5
77.5°	45.0	46.6	45.0	43.0	45.0	46.6	45.0	43.2	41.3	39.0	34.6
75°	72.5	74.9	73.6	71.6	73.6	74.9	72.5	69.9	66.9	62.8	54.9
72.5°	121.2	127.1	125.7	122.8	125.7	127.1	121.2	114.8	108.0	98.8	83.7
70°	198.4	221.7	220.7	214.9	220.7	221.7	198.4	175.4	153.5	132.9	112.3
67.5°	305.9	371.9	392.9	403.3	392.9	371.9	305.9	242.5	183.9	146.7	129.3
65°	272.4	312.3	328.1	339.8	328.1	312.3	272.4	230.8	186.1	157.1	143.1
62.5°	245.1	268.7	273.8	274.3	273.8	268.7	245.1	219.6	191.2	173.1	161.0
60°	262.2	287.4	291.1	286.6	291.1	287.4	262.2	236.4	209.9	195.2	183.2
57.5°	297.8	324.2	329.0	323.4	329.0	324.2	297.8	270.4	241.9	227.1	212.9
55°	347.0	373.6	382.4	380.8	382.4	373.6	347.0	318.7	289.1	271.8	253.5
52.5°	409.9	434.4	444.5	444.2	444.5	434.4	409.9	382.4	353.6	330.6	306.1
50°	493.8	515.7	526.6	528.1	526.6	515.7	493.8	467.5	437.2	405.8	372.7
47.5°	554.4	568.8	576.3	577.3	576.3	568.8	554.4	536.5	511.5	482.3	453.1
45°	591.4	599.2	605.1	610.0	605.1	599.2	591.4	581.0	557.6	528.9	498.9
42.5°	626.4	642.5	654.4	657.1	654.4	642.5	626.4	611.2	588.6	560.9	529.3
40°	673.1	695.4	716.7	739.0	716.7	695.4	673.1	649.2	624.1	595.7	570.9
37.5°	723.0	747.8	768.3	779.9	768.3	747.8	723.0	698.7	675.4	643.5	620.0
35°	621.3	605.1	595.4	591.6	595.4	605.1	621.3	648.0	686.0	712.2	683.3
32.5°	588.0	589.2	587.3	583.4	587.3	589.2	588.0	585.3	580.7	603.4	661.3
30°	664.0	674.8	676.1	675.5	676.1	674.8	664.0	641.3	610.7	594.8	586.8
27.5°	829.0	856.7	865.2	882.3	865.2	856.7	829.0	778.5	710.2	665.3	612.3
25°	1046.5	1088.2	1108.3	1115.6	1108.3	1088.2	1046.5	982.8	900.4	806.2	705.3
22.5°	1239.8	1271.7	1290.3	1306.0	1290.3	1271.7	1239.8	1191.8	1106.9	993.1	870.4
20°	1468.9	1527.1	1553.7	1555.8	1553.7	1527.1	1468.9	1369.7	1284.6	1182.8	1045.9
17.5°	1826.6	1939.8	1996.3	2012.3	1996.3	1939.8	1826.6	1666.4	1516.6	1340.5	1211.4
15°	2390.9	2679.7	2828.4	2898.6	2828.4	2679.7	2390.9	2078.5	1823.4	1571.2	1337.9
12.5°	3311.3	3962.7	4489.5	4687.8	4489.5	3962.7	3311.3	2742.9	2189.3	1820.9	1512.2
10°	5135.0	7080.4	9353.2	10413.4	9353.2	7080.4	5135.0	3623.1	2751.3	2074.7	1667.3
7.5°	9934.2	23065.5	44704.7	55027.2	44704.7	23065.5	9934.2	5185.7	3329.7	2401.4	1833.6
5°	21175.1	91385.0	163659.1	192231.6	163659.1	91385.0	21175.1	7215.7	4044.1	2721.5	1954.4
2.5°	33727.3	149883.3	282805.8	330682.7	282805.8	149883.3	33727.3	9488.1	4707.9	2923.6	2041.3
0°	40297.4	157949.4	312069.8	359841.1	312069.8	157949.4	40297.4	9793.2	4952.9	2984.6	2067.5
-2.5°	33727.3	149883.3	282805.8	330682.7	282805.8	149883.3	33727.3	9488.1	4707.9	2923.6	2041.3
-5°	21175.1	91385.0	163659.1	192231.6	163659.1	91385.0	21175.1	7215.7	4044.1	2721.5	1954.4
-7.5°	9934.2	23065.5	44704.7	55027.2	44704.7	23065.5	9934.2	5185.7	3329.7	2401.4	1833.6
-10°	5135.0	7080.4	9353.2	10413.4	9353.2	7080.4	5135.0	3623.1	2751.3	2074.7	1667.3
-12.5°	3311.3	3962.7	4489.5	4687.8	4489.5	3962.7	3311.3	2742.9	2189.3	1820.9	1512.2
-15°	2390.9	2679.7	2828.4	2898.6	2828.4	2679.7	2390.9	2078.5	1823.4	1571.2	1337.9
-17.5°	1826.6	1939.8	1996.3	2012.3	1996.3	1939.8	1826.6	1666.4	1516.6	1340.5	1211.4
-20°	1468.9	1527.1	1553.7	1555.8	1553.7	1527.1	1468.9	1369.7	1284.6	1182.8	1045.9



REPORT NUMBER: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	1239.8	1271.7	1290.3	1306.0	1290.3	1271.7	1239.8	1191.8	1106.9	993.1	870.4
-25°	1046.5	1088.2	1108.3	1115.6	1108.3	1088.2	1046.5	982.8	900.4	806.2	705.3
-27.5°	829.0	856.7	865.2	882.3	865.2	856.7	829.0	778.5	710.2	665.3	612.3
-30°	664.0	674.8	676.1	675.5	676.1	674.8	664.0	641.3	610.7	594.8	586.8
-32.5°	588.0	589.2	587.3	583.4	587.3	589.2	588.0	585.3	580.7	603.4	661.3
-35°	621.3	605.1	595.4	591.6	595.4	605.1	621.3	648.0	686.0	712.2	683.3
-37.5°	723.0	747.8	768.3	779.9	768.3	747.8	723.0	698.7	675.4	643.5	620.0
-40°	673.1	695.4	716.7	739.0	716.7	695.4	673.1	649.2	624.1	595.7	570.9
-42.5°	626.4	642.5	654.4	657.1	654.4	642.5	626.4	611.2	588.6	560.9	529.3
-45°	591.4	599.2	605.1	610.0	605.1	599.2	591.4	581.0	557.6	528.9	498.9
-47.5°	554.4	568.8	576.3	577.3	576.3	568.8	554.4	536.5	511.5	482.3	453.1
-50°	493.8	515.7	526.6	528.1	526.6	515.7	493.8	467.5	437.2	405.8	372.7
-52.5°	409.9	434.4	444.5	444.2	444.5	434.4	409.9	382.4	353.6	330.6	306.1
-55°	347.0	373.6	382.4	380.8	382.4	373.6	347.0	318.7	289.1	271.8	253.5
-57.5°	297.8	324.2	329.0	323.4	329.0	324.2	297.8	270.4	241.9	227.1	212.9
-60°	262.2	287.4	291.1	286.6	291.1	287.4	262.2	236.4	209.9	195.2	183.2
-62.5°	245.1	268.7	273.8	274.3	273.8	268.7	245.1	219.6	191.2	173.1	161.0
-65°	272.4	312.3	328.1	339.8	328.1	312.3	272.4	230.8	186.1	157.1	143.1
-67.5°	305.9	371.9	392.9	403.3	392.9	371.9	305.9	242.5	183.9	146.7	129.3
-70°	198.4	221.7	220.7	214.9	220.7	221.7	198.4	175.4	153.5	132.9	112.3
-72.5°	121.2	127.1	125.7	122.8	125.7	127.1	121.2	114.8	108.0	98.8	83.7
-75°	72.5	74.9	73.6	71.6	73.6	74.9	72.5	69.9	66.9	62.8	54.9
-77.5°	45.0	46.6	45.0	43.0	45.0	46.6	45.0	43.2	41.3	39.0	34.6
-80°	22.0	22.3	21.5	20.5	21.5	22.3	22.0	21.6	21.1	20.4	18.5
-82.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
-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: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.6
80°	16.6	14.8	13.3	13.0	12.5	11.8	10.9	9.8	8.7	8.0	7.5
77.5°	30.3	26.2	23.0	22.5	21.9	20.9	19.5	17.3	15.6	14.0	12.5
75°	47.3	40.1	35.2	34.7	33.9	32.8	31.1	28.3	25.4	22.4	19.7
72.5°	69.4	56.3	49.1	48.4	47.4	46.4	44.9	42.5	38.9	34.1	29.7
70°	92.5	73.4	64.8	64.0	62.9	61.5	59.9	58.1	56.0	52.6	45.9
67.5°	110.7	90.4	83.0	81.9	80.9	79.1	75.7	72.7	70.1	67.3	60.5
65°	127.5	110.1	106.7	106.0	104.2	100.9	93.0	87.1	82.9	79.2	72.0
62.5°	147.9	133.7	133.6	132.3	130.2	125.4	115.0	105.5	96.9	89.5	83.3
60°	170.2	158.9	158.5	157.4	155.8	149.9	138.7	126.6	113.6	105.2	96.9
57.5°	197.7	187.8	185.8	183.1	179.7	170.9	160.4	149.4	136.3	124.4	112.9
55°	234.3	224.5	219.0	212.7	206.0	193.9	181.2	168.5	156.9	146.2	133.0
52.5°	281.2	270.7	260.3	248.4	236.3	220.1	203.8	189.5	176.3	164.5	152.2
50°	343.3	328.2	311.4	294.3	274.5	250.9	230.7	212.5	197.6	183.7	169.8
47.5°	422.8	399.2	373.1	350.0	321.7	291.6	264.9	239.1	222.1	203.7	188.2
45°	480.0	466.3	449.1	416.1	378.5	343.8	306.9	277.3	250.1	228.4	206.7
42.5°	519.4	509.5	495.5	474.3	446.3	403.6	360.6	321.7	286.3	256.0	228.5
40°	555.5	539.9	527.5	512.8	489.9	463.5	420.4	371.4	328.6	289.4	250.6
37.5°	597.8	575.4	558.8	541.0	523.0	499.9	472.2	428.4	373.9	324.4	277.6
35°	650.8	622.7	597.2	574.4	551.9	528.4	504.1	475.1	425.2	362.7	306.6
32.5°	717.9	682.7	648.0	616.6	581.8	553.4	528.5	502.7	469.3	405.9	341.2
30°	613.9	691.2	706.7	663.2	617.8	578.6	549.6	524.0	493.0	449.6	376.1
27.5°	596.6	592.1	677.6	711.9	656.1	608.4	572.4	542.7	514.9	476.8	415.9
25°	645.4	605.7	597.6	676.0	701.9	642.7	599.2	563.7	531.5	499.4	463.2
22.5°	740.8	660.2	608.3	597.7	694.8	687.0	631.5	585.7	550.9	530.4	495.9
20°	897.1	747.6	654.9	609.4	629.9	728.4	664.4	615.8	583.7	559.1	526.3
17.5°	1053.7	885.4	725.4	633.3	611.4	681.1	703.7	652.1	612.2	588.5	556.5
15°	1196.2	1013.3	833.3	694.7	622.6	635.6	738.2	685.6	639.1	615.8	581.3
12.5°	1287.9	1126.2	931.6	749.5	642.7	619.4	718.4	715.4	667.4	631.7	597.3
10°	1373.3	1205.4	1015.8	825.1	685.4	628.5	689.2	740.1	689.9	644.5	610.2
7.5°	1477.0	1253.2	1078.4	883.2	713.6	632.4	666.5	762.4	710.6	657.5	620.2
5°	1541.0	1286.2	1115.5	916.8	726.5	632.3	649.3	782.3	729.0	670.0	627.8
2.5°	1580.8	1304.6	1133.7	934.9	730.1	629.0	641.7	800.6	747.1	677.2	629.8
0°	1586.5	1301.9	1144.3	941.6	728.8	622.3	646.9	816.8	763.6	681.7	630.5
-2.5°	1580.8	1304.6	1133.7	934.9	730.1	629.0	641.7	800.6	747.1	677.2	629.8
-5°	1541.0	1286.2	1115.5	916.8	726.5	632.3	649.3	782.3	729.0	670.0	627.8
-7.5°	1477.0	1253.2	1078.4	883.2	713.6	632.4	666.5	762.4	710.6	657.5	620.2
-10°	1373.3	1205.4	1015.8	825.1	685.4	628.5	689.2	740.1	689.9	644.5	610.2
-12.5°	1287.9	1126.2	931.6	749.5	642.7	619.4	718.4	715.4	667.4	631.7	597.3
-15°	1196.2	1013.3	833.3	694.7	622.6	635.6	738.2	685.6	639.1	615.8	581.3
-17.5°	1053.7	885.4	725.4	633.3	611.4	681.1	703.7	652.1	612.2	588.5	556.5
-20°	897.1	747.6	654.9	609.4	629.9	728.4	664.4	615.8	583.7	559.1	526.3





REPORT NUMBER: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	740.8	660.2	608.3	597.7	694.8	687.0	631.5	585.7	550.9	530.4	495.9
-25°	645.4	605.7	597.6	676.0	701.9	642.7	599.2	563.7	531.5	499.4	463.2
-27.5°	596.6	592.1	677.6	711.9	656.1	608.4	572.4	542.7	514.9	476.8	415.9
-30°	613.9	691.2	706.7	663.2	617.8	578.6	549.6	524.0	493.0	449.6	376.1
-32.5°	717.9	682.7	648.0	616.6	581.8	553.4	528.5	502.7	469.3	405.9	341.2
-35°	650.8	622.7	597.2	574.4	551.9	528.4	504.1	475.1	425.2	362.7	306.6
-37.5°	597.8	575.4	558.8	541.0	523.0	499.9	472.2	428.4	373.9	324.4	277.6
-40°	555.5	539.9	527.5	512.8	489.9	463.5	420.4	371.4	328.6	289.4	250.6
-42.5°	519.4	509.5	495.5	474.3	446.3	403.6	360.6	321.7	286.3	256.0	228.5
-45°	480.0	466.3	449.1	416.1	378.5	343.8	306.9	277.3	250.1	228.4	206.7
-47.5°	422.8	399.2	373.1	350.0	321.7	291.6	264.9	239.1	222.1	203.7	188.2
-50°	343.3	328.2	311.4	294.3	274.5	250.9	230.7	212.5	197.6	183.7	169.8
-52.5°	281.2	270.7	260.3	248.4	236.3	220.1	203.8	189.5	176.3	164.5	152.2
-55°	234.3	224.5	219.0	212.7	206.0	193.9	181.2	168.5	156.9	146.2	133.0
-57.5°	197.7	187.8	185.8	183.1	179.7	170.9	160.4	149.4	136.3	124.4	112.9
-60°	170.2	158.9	158.5	157.4	155.8	149.9	138.7	126.6	113.6	105.2	96.9
-62.5°	147.9	133.7	133.6	132.3	130.2	125.4	115.0	105.5	96.9	89.5	83.3
-65°	127.5	110.1	106.7	106.0	104.2	100.9	93.0	87.1	82.9	79.2	72.0
-67.5°	110.7	90.4	83.0	81.9	80.9	79.1	75.7	72.7	70.1	67.3	60.5
-70°	92.5	73.4	64.8	64.0	62.9	61.5	59.9	58.1	56.0	52.6	45.9
-72.5°	69.4	56.3	49.1	48.4	47.4	46.4	44.9	42.5	38.9	34.1	29.7
-75°	47.3	40.1	35.2	34.7	33.9	32.8	31.1	28.3	25.4	22.4	19.7
-77.5°	30.3	26.2	23.0	22.5	21.9	20.9	19.5	17.3	15.6	14.0	12.5
-80°	16.6	14.8	13.3	13.0	12.5	11.8	10.9	9.8	8.7	8.0	7.5
-82.5°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	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: P559057 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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	5.9	5.3	4.7	4.1	4.0	4.1	4.1	4.1	4.1
77.5°	11.4	10.1	8.5	7.6	6.9	6.1	5.3	4.5	4.1	4.1	4.1
75°	17.5	16.0	14.4	12.4	10.1	8.1	7.2	6.3	5.4	4.3	4.1
72.5°	27.0	24.2	21.3	17.9	15.0	12.3	9.8	8.1	7.2	6.0	4.5
70°	39.2	33.7	29.9	25.5	20.8	16.6	13.5	11.2	9.0	7.8	6.2
67.5°	53.3	45.6	39.2	33.1	27.5	22.4	17.4	14.7	12.3	9.6	7.9
65°	64.0	56.1	48.4	41.4	34.6	28.2	22.6	18.8	15.7	12.7	9.5
62.5°	75.2	65.6	57.3	49.5	41.9	34.6	27.9	24.1	19.4	15.8	12.0
60°	87.9	78.3	66.7	57.7	49.2	40.9	34.3	29.5	24.5	18.9	14.8
57.5°	103.2	92.3	79.1	66.7	56.7	47.4	41.0	35.7	29.6	23.3	17.7
55°	119.6	106.8	91.1	77.0	64.6	54.1	48.4	42.3	35.1	28.1	20.7
52.5°	138.3	121.3	103.7	87.2	72.9	62.0	56.7	49.1	41.4	32.8	25.3
50°	155.8	136.5	116.6	98.3	81.1	72.2	65.5	57.3	47.8	37.9	30.2
47.5°	170.3	150.3	129.9	109.2	90.6	83.2	75.8	66.0	54.3	43.8	35.3
45°	185.1	162.9	142.1	120.8	103.6	95.6	86.9	74.9	62.5	50.8	40.6
42.5°	199.9	176.0	153.0	131.7	118.4	108.2	98.7	85.5	70.8	58.2	46.6
40°	218.5	189.4	163.8	144.9	132.9	120.6	110.1	96.7	79.5	66.2	53.2
37.5°	236.6	204.6	175.8	159.0	146.5	133.4	121.3	108.2	90.5	75.4	59.9
35°	260.1	220.5	192.6	173.8	159.1	145.7	132.2	119.4	103.2	84.7	66.7
32.5°	282.7	240.6	211.9	188.8	171.0	157.4	142.9	133.4	116.3	94.0	73.7
30°	313.1	267.3	230.8	202.9	182.9	168.0	156.4	149.3	129.9	103.5	80.9
27.5°	350.5	293.6	250.2	218.8	195.3	178.5	174.3	166.8	143.9	113.7	88.6
25°	388.6	324.7	273.5	234.7	206.9	196.3	192.0	185.6	158.4	125.1	96.3
22.5°	430.6	356.4	296.0	249.7	226.8	213.4	208.9	201.6	173.8	136.6	103.8
20°	471.4	386.3	319.2	274.8	248.2	231.8	224.8	217.3	189.8	148.0	111.1
17.5°	508.5	420.0	351.7	302.2	269.9	249.8	240.1	232.7	206.2	159.2	118.2
15°	533.2	456.1	382.0	327.8	290.7	267.3	254.9	247.9	222.8	170.2	123.3
12.5°	554.2	487.5	409.4	351.6	310.7	284.3	269.2	262.7	239.4	177.2	126.0
10°	571.8	514.6	433.8	373.7	329.7	300.9	283.1	273.2	245.8	180.8	128.3
7.5°	586.2	537.6	455.5	394.1	345.2	309.2	285.2	275.0	249.6	183.5	130.3
5°	596.3	551.1	465.8	399.4	346.4	308.5	285.2	276.5	252.2	185.3	131.8
2.5°	597.8	552.6	468.4	401.1	346.7	307.1	285.0	277.7	253.6	186.2	132.8
0°	597.7	550.7	468.8	401.2	346.0	305.0	284.5	278.4	253.8	186.3	133.1
-2.5°	597.8	552.6	468.4	401.1	346.7	307.1	285.0	277.7	253.6	186.2	132.8
-5°	596.3	551.1	465.8	399.4	346.4	308.5	285.2	276.5	252.2	185.3	131.8
-7.5°	586.2	537.6	455.5	394.1	345.2	309.2	285.2	275.0	249.6	183.5	130.3
-10°	571.8	514.6	433.8	373.7	329.7	300.9	283.1	273.2	245.8	180.8	128.3
-12.5°	554.2	487.5	409.4	351.6	310.7	284.3	269.2	262.7	239.4	177.2	126.0
-15°	533.2	456.1	382.0	327.8	290.7	267.3	254.9	247.9	222.8	170.2	123.3
-17.5°	508.5	420.0	351.7	302.2	269.9	249.8	240.1	232.7	206.2	159.2	118.2
-20°	471.4	386.3	319.2	274.8	248.2	231.8	224.8	217.3	189.8	148.0	111.1



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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°	430.6	356.4	296.0	249.7	226.8	213.4	208.9	201.6	173.8	136.6	103.8
-25°	388.6	324.7	273.5	234.7	206.9	196.3	192.0	185.6	158.4	125.1	96.3
-27.5°	350.5	293.6	250.2	218.8	195.3	178.5	174.3	166.8	143.9	113.7	88.6
-30°	313.1	267.3	230.8	202.9	182.9	168.0	156.4	149.3	129.9	103.5	80.9
-32.5°	282.7	240.6	211.9	188.8	171.0	157.4	142.9	133.4	116.3	94.0	73.7
-35°	260.1	220.5	192.6	173.8	159.1	145.7	132.2	119.4	103.2	84.7	66.7
-37.5°	236.6	204.6	175.8	159.0	146.5	133.4	121.3	108.2	90.5	75.4	59.9
-40°	218.5	189.4	163.8	144.9	132.9	120.6	110.1	96.7	79.5	66.2	53.2
-42.5°	199.9	176.0	153.0	131.7	118.4	108.2	98.7	85.5	70.8	58.2	46.6
-45°	185.1	162.9	142.1	120.8	103.6	95.6	86.9	74.9	62.5	50.8	40.6
-47.5°	170.3	150.3	129.9	109.2	90.6	83.2	75.8	66.0	54.3	43.8	35.3
-50°	155.8	136.5	116.6	98.3	81.1	72.2	65.5	57.3	47.8	37.9	30.2
-52.5°	138.3	121.3	103.7	87.2	72.9	62.0	56.7	49.1	41.4	32.8	25.3
-55°	119.6	106.8	91.1	77.0	64.6	54.1	48.4	42.3	35.1	28.1	20.7
-57.5°	103.2	92.3	79.1	66.7	56.7	47.4	41.0	35.7	29.6	23.3	17.7
-60°	87.9	78.3	66.7	57.7	49.2	40.9	34.3	29.5	24.5	18.9	14.8
-62.5°	75.2	65.6	57.3	49.5	41.9	34.6	27.9	24.1	19.4	15.8	12.0
-65°	64.0	56.1	48.4	41.4	34.6	28.2	22.6	18.8	15.7	12.7	9.5
-67.5°	53.3	45.6	39.2	33.1	27.5	22.4	17.4	14.7	12.3	9.6	7.9
-70°	39.2	33.7	29.9	25.5	20.8	16.6	13.5	11.2	9.0	7.8	6.2
-72.5°	27.0	24.2	21.3	17.9	15.0	12.3	9.8	8.1	7.2	6.0	4.5
-75°	17.5	16.0	14.4	12.4	10.1	8.1	7.2	6.3	5.4	4.3	4.1
-77.5°	11.4	10.1	8.5	7.6	6.9	6.1	5.3	4.5	4.1	4.1	4.1
-80°	6.9	6.4	5.9	5.3	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°	13.1	8.8	5.2	4.1	4.1	2.2	0.0
55°	15.9	10.1	6.3	4.1	4.2	2.4	0.0
52.5°	18.8	11.7	7.3	4.1	4.2	2.5	0.0
50°	21.8	14.2	8.4	4.1	4.2	2.6	0.0
47.5°	25.0	16.8	9.4	4.3	4.3	2.8	0.0
45°	29.6	19.4	10.5	5.1	4.3	2.9	0.0
42.5°	34.2	22.0	11.5	5.8	4.4	3.0	0.0
40°	38.9	24.6	13.0	6.5	4.5	3.1	0.0
37.5°	43.7	27.2	15.0	7.2	4.6	3.3	0.0
35°	48.5	30.6	17.0	7.9	4.6	3.4	0.0
32.5°	53.5	34.4	18.9	8.4	4.7	3.5	0.0
30°	59.1	38.0	20.7	8.9	4.8	3.6	0.0
27.5°	64.6	41.7	21.9	9.3	4.9	3.6	0.0
25°	70.1	45.2	22.9	9.6	5.0	3.7	0.0
22.5°	75.4	48.0	23.6	9.9	5.1	3.8	0.0
20°	80.6	49.0	24.1	10.2	5.3	3.9	0.0
17.5°	83.3	49.6	24.5	10.3	5.4	3.9	0.0
15°	84.3	49.9	24.7	10.4	5.5	4.0	0.0
12.5°	84.9	49.8	24.7	10.5	5.6	4.0	0.0
10°	85.1	49.4	24.5	10.5	5.7	4.0	0.0
7.5°	84.9	48.7	24.2	10.5	5.8	4.1	0.0
5°	84.3	47.7	23.7	10.4	5.9	4.1	0.0
2.5°	83.3	46.5	23.2	10.3	6.0	4.1	0.0
0°	81.9	45.0	22.5	10.2	6.1	4.1	0.0
-2.5°	83.3	46.5	23.2	10.3	6.0	4.1	0.0
-5°	84.3	47.7	23.7	10.4	5.9	4.1	0.0
-7.5°	84.9	48.7	24.2	10.5	5.8	4.1	0.0
-10°	85.1	49.4	24.5	10.5	5.7	4.0	0.0
-12.5°	84.9	49.8	24.7	10.5	5.6	4.0	0.0
-15°	84.3	49.9	24.7	10.4	5.5	4.0	0.0
-17.5°	83.3	49.6	24.5	10.3	5.4	3.9	0.0
-20°	80.6	49.0	24.1	10.2	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°	75.4	48.0	23.6	9.9	5.1	3.8	0.0
-25°	70.1	45.2	22.9	9.6	5.0	3.7	0.0
-27.5°	64.6	41.7	21.9	9.3	4.9	3.6	0.0
-30°	59.1	38.0	20.7	8.9	4.8	3.6	0.0
-32.5°	53.5	34.4	18.9	8.4	4.7	3.5	0.0
-35°	48.5	30.6	17.0	7.9	4.6	3.4	0.0
-37.5°	43.7	27.2	15.0	7.2	4.6	3.3	0.0
-40°	38.9	24.6	13.0	6.5	4.5	3.1	0.0
-42.5°	34.2	22.0	11.5	5.8	4.4	3.0	0.0
-45°	29.6	19.4	10.5	5.1	4.3	2.9	0.0
-47.5°	25.0	16.8	9.4	4.3	4.3	2.8	0.0
-50°	21.8	14.2	8.4	4.1	4.2	2.6	0.0
-52.5°	18.8	11.7	7.3	4.1	4.2	2.5	0.0
-55°	15.9	10.1	6.3	4.1	4.2	2.4	0.0
-57.5°	13.1	8.8	5.2	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)