

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: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6C-930-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

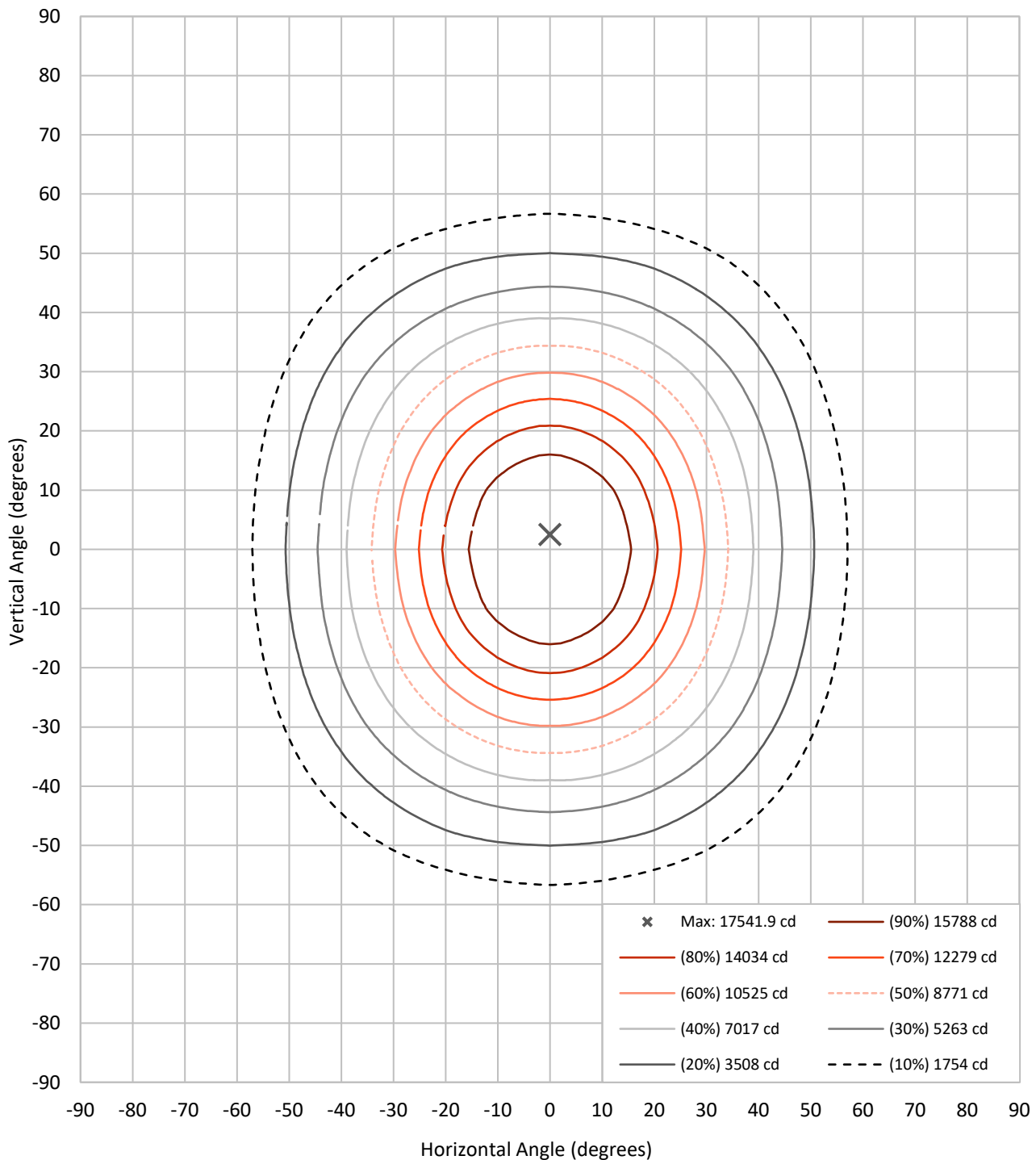
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23741.4 lumens	Max Intensity:	17541.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	14234.7 lumens	Field Lumens:	22679.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 241  
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





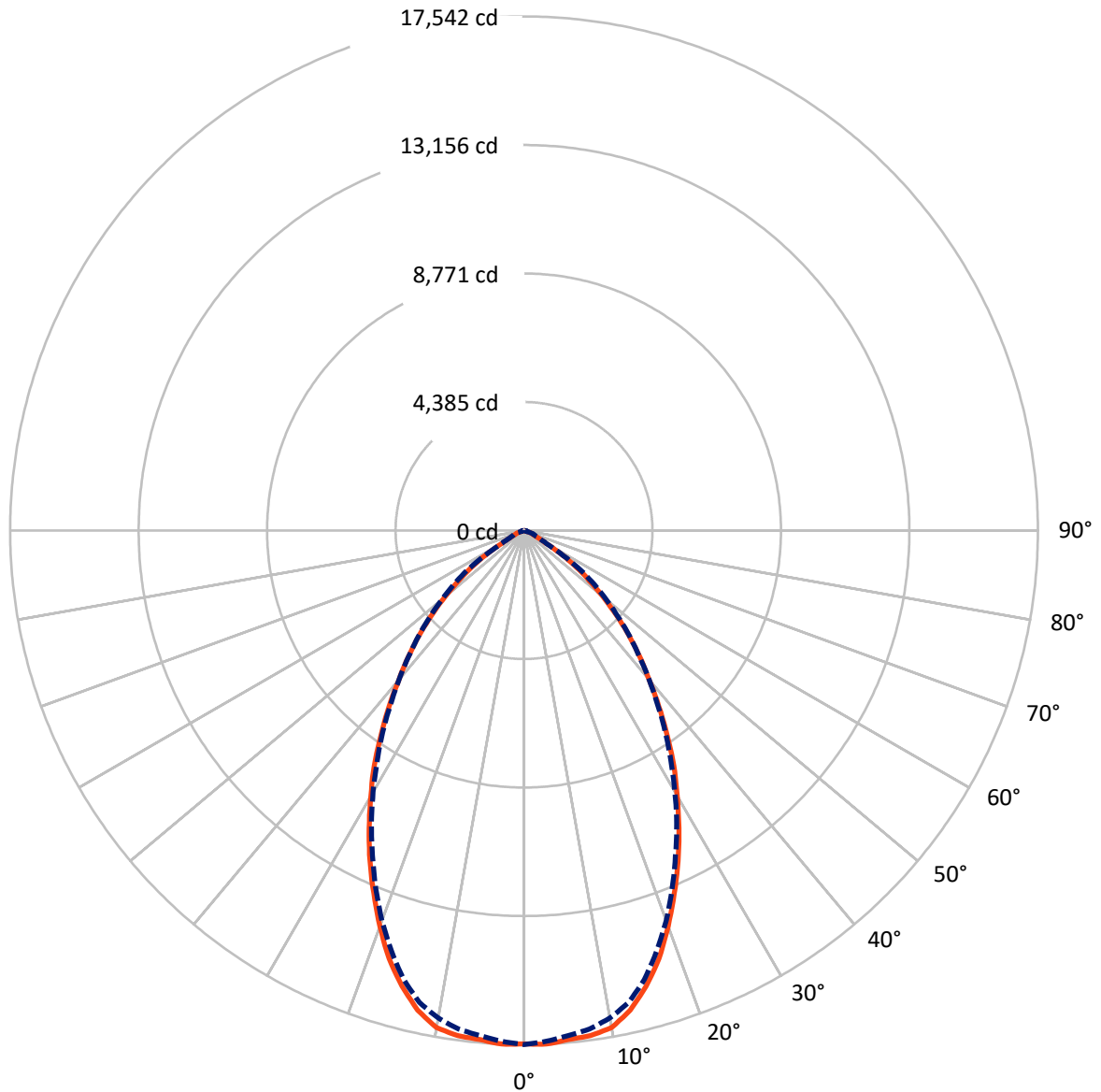
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### Lumen Table

90																			
80	0.2	2.3		5.7		9.9		7.0		9.9		5.7		2.3		0.2			
70																			
60	1.1	1.6	3.2	5.0	7.3	9.6	11.8	13.3	13.3	11.8	9.6	7.3	5.0	3.2	1.6	1.1			
50		2.6	5.3	9.6	18.4	35.7	53.5	64.1	64.1	53.5	35.7	18.4	9.6	5.3	2.6				
40	1.9	3.4	7.8	22.7	59.8	99.5	132.4	150.9	150.9	132.4	99.5	59.8	22.7	7.8	3.4	1.9			
30		4.2	13.4	52.4	107.4	167.8	222.3	255.0	255.0	222.3	167.8	107.4	52.4	13.4	4.2				
20	2.0	5.1	24.3	79.3	152.4	238.5	318.9	369.4	369.4	318.9	238.5	152.4	79.3	24.3	5.1	2.0			
10		6.0	34.7	98.7	187.9	298.1	406.0	474.2	474.2	406.0	298.1	187.9	98.7	34.7	6.0				
0	2.1	6.5	40.5	109.1	207.8	333.1	456.0	521.3	521.3	456.0	333.1	207.8	109.1	40.5	6.5	2.1			
-10		6.5	40.5	109.1	207.8	333.1	456.0	521.3	521.3	456.0	333.1	207.8	109.1	40.5	6.5				
-20	2.0	6.0	34.7	98.7	187.9	298.1	406.0	474.2	474.2	406.0	298.1	187.9	98.7	34.7	6.0	2.0			
-30		5.1	24.3	79.3	152.4	238.5	318.9	369.4	369.4	318.9	238.5	152.4	79.3	24.3	5.1				
-40	1.9	4.2	13.4	52.4	107.4	167.8	222.3	255.0	255.0	222.3	167.8	107.4	52.4	13.4	4.2	1.9			
-50		3.4	7.8	22.7	59.8	99.5	132.4	150.9	150.9	132.4	99.5	59.8	22.7	7.8	3.4				
-60	1.1	2.6	5.3	9.6	18.4	35.7	53.5	64.1	64.1	53.5	35.7	18.4	9.6	5.3	2.6	1.1			
-70		1.6	3.2	5.0	7.3	9.6	11.8	13.3	13.3	11.8	9.6	7.3	5.0	3.2	1.6				
-80	0.2	2.3		5.7		9.9		7.0		9.9		5.7		2.3		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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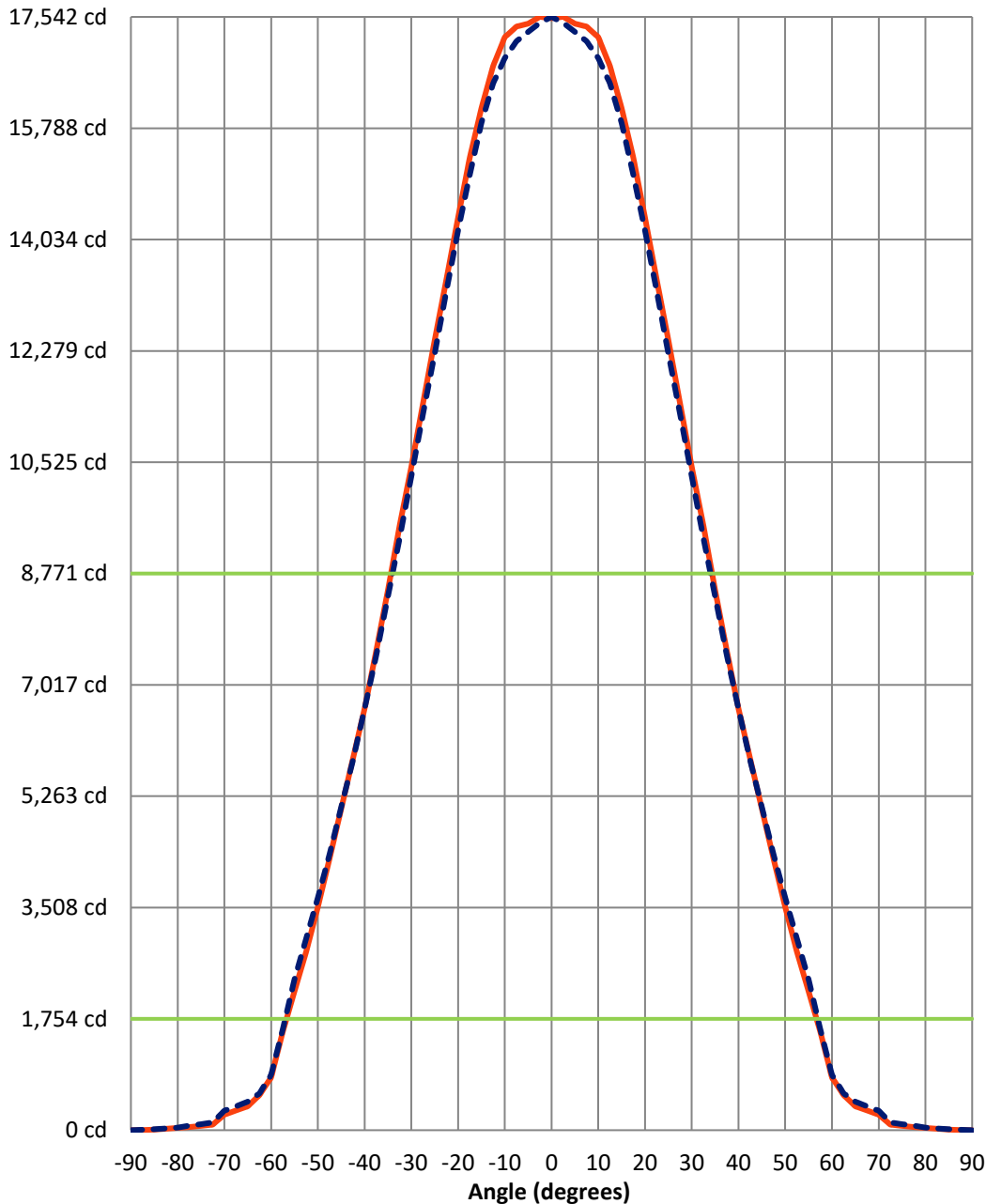
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 14234.7  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 22679.4  
Efficiency: 95.5%

**Spill:**  
Lumens: 1062  
Efficiency: 4.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 2.5-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	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.3	10.0	12.7
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.4	10.9	14.5	18.3	22.1
77.5°	0.0	1.5	2.9	4.4	5.9	8.1	12.5	17.0	21.7	26.5	33.0
75°	0.0	1.8	3.5	5.3	7.2	11.6	17.4	23.1	29.3	39.1	48.8
72.5°	0.0	2.0	4.1	6.1	9.6	15.1	22.2	30.4	41.9	53.2	64.4
70°	0.0	2.3	4.6	7.1	11.9	18.4	27.2	41.3	54.3	67.3	85.7
67.5°	0.0	2.6	5.2	8.4	14.0	21.6	35.5	52.0	66.6	86.0	107.7
65°	0.0	2.9	5.7	9.7	16.1	25.8	43.3	62.6	81.7	104.0	128.6
62.5°	0.0	3.1	6.3	11.0	18.0	30.9	50.5	74.0	96.1	121.6	148.6
60°	0.0	3.4	6.8	12.1	19.9	35.6	57.1	85.3	109.8	140.7	168.7
57.5°	0.0	3.7	7.5	13.2	22.6	39.8	63.8	95.5	126.6	159.7	185.5
55°	0.0	3.9	8.1	14.2	25.2	43.6	69.7	103.5	144.1	177.6	200.7
52.5°	0.0	4.1	8.7	15.1	27.4	46.9	74.8	115.2	161.6	191.6	215.8
50°	0.0	4.4	9.4	15.9	29.3	50.0	79.0	126.2	177.5	205.5	231.8
47.5°	0.0	4.6	10.0	16.7	30.9	52.5	83.0	135.7	189.9	219.3	247.0
45°	0.0	4.8	10.5	17.6	32.1	54.4	89.7	143.8	195.3	231.9	261.1
42.5°	0.0	5.0	11.1	18.3	33.0	55.6	95.3	148.3	198.8	243.5	276.6
40°	0.0	5.2	11.6	19.1	33.6	56.2	99.8	150.0	200.9	253.3	292.0
37.5°	0.0	5.4	12.1	20.1	33.9	56.2	103.1	150.5	203.1	257.5	306.9
35°	0.0	5.6	12.5	20.9	33.8	57.5	105.4	149.8	205.2	267.0	321.7
32.5°	0.0	5.7	13.0	21.8	33.3	59.0	105.8	147.8	207.3	279.0	336.4
30°	0.0	5.9	13.4	22.5	32.5	59.8	103.8	145.6	209.2	293.3	350.4
27.5°	0.0	6.0	13.8	23.3	33.3	59.8	101.0	146.0	214.4	309.7	363.5
25°	0.0	6.2	14.1	23.9	34.3	59.1	97.4	146.1	225.5	322.7	375.9
22.5°	0.0	6.3	14.4	24.5	35.2	59.1	92.9	145.8	237.2	332.6	391.8
20°	0.0	6.4	14.7	25.0	36.1	61.9	87.8	145.0	249.3	341.6	405.9
17.5°	0.0	6.5	15.0	25.5	36.9	64.4	86.9	143.6	261.5	349.7	418.2
15°	0.0	6.6	15.2	25.9	37.7	66.5	88.6	142.9	273.3	356.8	428.7
12.5°	0.0	6.6	15.4	26.3	38.4	68.2	90.2	141.9	283.8	362.9	437.5
10°	0.0	6.7	15.5	26.6	39.0	69.7	91.5	139.1	292.5	367.6	444.1
7.5°	0.0	6.7	15.6	26.8	39.5	70.8	92.7	134.6	299.4	371.4	447.9
5°	0.0	6.8	15.7	27.0	40.0	71.6	93.6	128.9	304.3	374.2	449.9
2.5°	0.0	6.8	15.8	27.1	40.3	72.0	94.3	122.3	306.9	376.0	450.1
0°	0.0	6.8	15.8	27.1	40.6	72.2	94.7	115.0	306.7	376.6	448.8
-2.5°	0.0	6.8	15.8	27.1	40.3	72.0	94.3	122.3	306.9	376.0	450.1
-5°	0.0	6.8	15.7	27.0	40.0	71.6	93.6	128.9	304.3	374.2	449.9
-7.5°	0.0	6.7	15.6	26.8	39.5	70.8	92.7	134.6	299.4	371.4	447.9
-10°	0.0	6.7	15.5	26.6	39.0	69.7	91.5	139.1	292.5	367.6	444.1
-12.5°	0.0	6.6	15.4	26.3	38.4	68.2	90.2	141.9	283.8	362.9	437.5
-15°	0.0	6.6	15.2	25.9	37.7	66.5	88.6	142.9	273.3	356.8	428.7
-17.5°	0.0	6.5	15.0	25.5	36.9	64.4	86.9	143.6	261.5	349.7	418.2
-20°	0.0	6.4	14.7	25.0	36.1	61.9	87.8	145.0	249.3	341.6	405.9



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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	6.3	14.4	24.5	35.2	59.1	92.9	145.8	237.2	332.6	391.8
-25°	0.0	6.2	14.1	23.9	34.3	59.1	97.4	146.1	225.5	322.7	375.9
-27.5°	0.0	6.0	13.8	23.3	33.3	59.8	101.0	146.0	214.4	309.7	363.5
-30°	0.0	5.9	13.4	22.5	32.5	59.8	103.8	145.6	209.2	293.3	350.4
-32.5°	0.0	5.7	13.0	21.8	33.3	59.0	105.8	147.8	207.3	279.0	336.4
-35°	0.0	5.6	12.5	20.9	33.8	57.5	105.4	149.8	205.2	267.0	321.7
-37.5°	0.0	5.4	12.1	20.1	33.9	56.2	103.1	150.5	203.1	257.5	306.9
-40°	0.0	5.2	11.6	19.1	33.6	56.2	99.8	150.0	200.9	253.3	292.0
-42.5°	0.0	5.0	11.1	18.3	33.0	55.6	95.3	148.3	198.8	243.5	276.6
-45°	0.0	4.8	10.5	17.6	32.1	54.4	89.7	143.8	195.3	231.9	261.1
-47.5°	0.0	4.6	10.0	16.7	30.9	52.5	83.0	135.7	189.9	219.3	247.0
-50°	0.0	4.4	9.4	15.9	29.3	50.0	79.0	126.2	177.5	205.5	231.8
-52.5°	0.0	4.1	8.7	15.1	27.4	46.9	74.8	115.2	161.6	191.6	215.8
-55°	0.0	3.9	8.1	14.2	25.2	43.6	69.7	103.5	144.1	177.6	200.7
-57.5°	0.0	3.7	7.5	13.2	22.6	39.8	63.8	95.5	126.6	159.7	185.5
-60°	0.0	3.4	6.8	12.1	19.9	35.6	57.1	85.3	109.8	140.7	168.7
-62.5°	0.0	3.1	6.3	11.0	18.0	30.9	50.5	74.0	96.1	121.6	148.6
-65°	0.0	2.9	5.7	9.7	16.1	25.8	43.3	62.6	81.7	104.0	128.6
-67.5°	0.0	2.6	5.2	8.4	14.0	21.6	35.5	52.0	66.6	86.0	107.7
-70°	0.0	2.3	4.6	7.1	11.9	18.4	27.2	41.3	54.3	67.3	85.7
-72.5°	0.0	2.0	4.1	6.1	9.6	15.1	22.2	30.4	41.9	53.2	64.4
-75°	0.0	1.8	3.5	5.3	7.2	11.6	17.4	23.1	29.3	39.1	48.8
-77.5°	0.0	1.5	2.9	4.4	5.9	8.1	12.5	17.0	21.7	26.5	33.0
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.4	10.9	14.5	18.3	22.1
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.3	10.0	12.7
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-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°	2.9	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	2.3
85°	5.8	5.7	6.4	6.8	7.6	8.1	8.3	8.3	9.3	10.5	12.0
82.5°	14.3	15.3	15.9	16.0	16.2	16.1	16.0	15.9	19.6	24.3	29.6
80°	24.0	25.0	28.8	32.9	35.0	35.0	33.1	29.6	35.0	43.7	54.3
77.5°	39.1	44.9	50.9	57.1	58.3	55.4	50.5	43.9	51.7	67.2	84.8
75°	57.0	64.8	73.6	80.2	80.3	75.5	69.2	67.9	81.0	99.8	115.3
72.5°	77.8	89.3	97.8	103.5	103.0	102.2	104.7	110.3	121.1	134.8	146.8
70°	103.0	114.5	120.8	123.7	124.8	131.1	140.5	147.5	155.2	168.7	181.3
67.5°	128.0	136.8	142.3	146.2	156.7	168.7	178.1	186.7	196.1	210.0	221.4
65°	150.3	159.3	167.1	178.8	194.2	205.6	216.7	228.2	244.7	260.2	269.6
62.5°	172.1	181.6	193.6	209.5	226.2	240.6	258.8	279.3	300.7	316.6	334.8
60°	189.0	202.6	219.5	238.5	258.3	281.9	305.2	329.2	351.1	372.4	399.3
57.5°	205.1	224.6	245.8	268.0	294.3	323.8	352.2	378.0	405.6	435.3	465.6
55°	222.6	248.3	271.8	298.3	330.4	367.8	399.3	430.0	463.0	513.1	556.8
52.5°	241.9	270.3	296.9	329.3	369.1	409.1	445.0	487.9	543.1	617.5	738.0
50°	260.1	290.6	321.7	363.6	406.6	448.7	500.7	560.5	671.1	809.6	1052.2
47.5°	278.2	310.5	351.7	396.9	443.8	499.4	565.2	696.0	846.7	1191.8	1535.8
45°	296.2	334.5	380.0	431.3	487.3	557.0	693.8	855.1	1265.1	1662.1	2075.7
42.5°	313.7	358.6	410.6	465.3	538.4	664.5	840.8	1266.8	1710.6	2166.6	2563.6
40°	333.6	381.1	441.3	510.7	607.3	798.8	1194.4	1674.0	2174.3	2605.1	2991.4
37.5°	352.4	408.5	473.9	554.7	728.3	1048.0	1557.7	2089.7	2574.2	2995.1	3407.7
35°	369.5	435.1	513.1	634.2	847.0	1373.7	1926.3	2467.3	2930.4	3379.8	3831.1
32.5°	389.7	460.8	550.7	739.5	1119.0	1688.2	2276.2	2791.7	3276.6	3755.9	4271.4
30°	412.0	492.7	603.0	839.9	1388.5	1993.8	2576.3	3102.9	3605.7	4138.0	4690.1
27.5°	433.0	523.4	689.7	1034.7	1642.0	2279.1	2849.4	3391.3	3931.0	4497.8	5092.2
25°	452.1	552.6	771.1	1248.2	1886.6	2522.5	3100.5	3652.1	4234.9	4850.8	5476.3
22.5°	472.7	581.0	844.4	1442.7	2110.3	2739.2	3322.5	3907.2	4524.0	5176.8	5829.3
20°	494.9	641.8	965.1	1622.3	2313.6	2936.1	3521.6	4144.2	4794.6	5470.7	6159.9
17.5°	515.2	695.5	1109.3	1792.7	2484.6	3107.3	3700.8	4358.9	5029.9	5736.7	6462.6
15°	533.4	742.1	1236.4	1943.4	2629.8	3252.7	3875.6	4549.5	5239.0	5975.2	6729.1
12.5°	549.3	781.4	1345.6	2073.6	2752.2	3377.1	4022.5	4710.1	5425.3	6183.7	6969.3
10°	562.9	813.4	1436.4	2182.6	2851.8	3479.7	4140.4	4843.9	5573.7	6351.6	7163.0
7.5°	571.6	839.8	1508.3	2269.6	2928.6	3560.0	4229.4	4949.2	5682.2	6482.6	7309.6
5°	577.2	861.4	1560.2	2333.9	2984.6	3620.6	4293.4	5025.0	5751.8	6574.6	7408.1
2.5°	579.8	876.3	1591.8	2375.1	3019.7	3663.1	4346.4	5091.3	5825.1	6640.1	7484.4
0°	579.5	884.0	1603.3	2392.6	3033.0	3682.5	4372.5	5125.7	5872.1	6668.1	7536.3
-2.5°	579.8	876.3	1591.8	2375.1	3019.7	3663.1	4346.4	5091.3	5825.1	6640.1	7484.4
-5°	577.2	861.4	1560.2	2333.9	2984.6	3620.6	4293.4	5025.0	5751.8	6574.6	7408.1
-7.5°	571.6	839.8	1508.3	2269.6	2928.6	3560.0	4229.4	4949.2	5682.2	6482.6	7309.6
-10°	562.9	813.4	1436.4	2182.6	2851.8	3479.7	4140.4	4843.9	5573.7	6351.6	7163.0
-12.5°	549.3	781.4	1345.6	2073.6	2752.2	3377.1	4022.5	4710.1	5425.3	6183.7	6969.3
-15°	533.4	742.1	1236.4	1943.4	2629.8	3252.7	3875.6	4549.5	5239.0	5975.2	6729.1
-17.5°	515.2	695.5	1109.3	1792.7	2484.6	3107.3	3700.8	4358.9	5029.9	5736.7	6462.6
-20°	494.9	641.8	965.1	1622.3	2313.6	2936.1	3521.6	4144.2	4794.6	5470.7	6159.9



REPORT NUMBER: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	472.7	581.0	844.4	1442.7	2110.3	2739.2	3322.5	3907.2	4524.0	5176.8	5829.3
-25°	452.1	552.6	771.1	1248.2	1886.6	2522.5	3100.5	3652.1	4234.9	4850.8	5476.3
-27.5°	433.0	523.4	689.7	1034.7	1642.0	2279.1	2849.4	3391.3	3931.0	4497.8	5092.2
-30°	412.0	492.7	603.0	839.9	1388.5	1993.8	2576.3	3102.9	3605.7	4138.0	4690.1
-32.5°	389.7	460.8	550.7	739.5	1119.0	1688.2	2276.2	2791.7	3276.6	3755.9	4271.4
-35°	369.5	435.1	513.1	634.2	847.0	1373.7	1926.3	2467.3	2930.4	3379.8	3831.1
-37.5°	352.4	408.5	473.9	554.7	728.3	1048.0	1557.7	2089.7	2574.2	2995.1	3407.7
-40°	333.6	381.1	441.3	510.7	607.3	798.8	1194.4	1674.0	2174.3	2605.1	2991.4
-42.5°	313.7	358.6	410.6	465.3	538.4	664.5	840.8	1266.8	1710.6	2166.6	2563.6
-45°	296.2	334.5	380.0	431.3	487.3	557.0	693.8	855.1	1265.1	1662.1	2075.7
-47.5°	278.2	310.5	351.7	396.9	443.8	499.4	565.2	696.0	846.7	1191.8	1535.8
-50°	260.1	290.6	321.7	363.6	406.6	448.7	500.7	560.5	671.1	809.6	1052.2
-52.5°	241.9	270.3	296.9	329.3	369.1	409.1	445.0	487.9	543.1	617.5	738.0
-55°	222.6	248.3	271.8	298.3	330.4	367.8	399.3	430.0	463.0	513.1	556.8
-57.5°	205.1	224.6	245.8	268.0	294.3	323.8	352.2	378.0	405.6	435.3	465.6
-60°	189.0	202.6	219.5	238.5	258.3	281.9	305.2	329.2	351.1	372.4	399.3
-62.5°	172.1	181.6	193.6	209.5	226.2	240.6	258.8	279.3	300.7	316.6	334.8
-65°	150.3	159.3	167.1	178.8	194.2	205.6	216.7	228.2	244.7	260.2	269.6
-67.5°	128.0	136.8	142.3	146.2	156.7	168.7	178.1	186.7	196.1	210.0	221.4
-70°	103.0	114.5	120.8	123.7	124.8	131.1	140.5	147.5	155.2	168.7	181.3
-72.5°	77.8	89.3	97.8	103.5	103.0	102.2	104.7	110.3	121.1	134.8	146.8
-75°	57.0	64.8	73.6	80.2	80.3	75.5	69.2	67.9	81.0	99.8	115.3
-77.5°	39.1	44.9	50.9	57.1	58.3	55.4	50.5	43.9	51.7	67.2	84.8
-80°	24.0	25.0	28.8	32.9	35.0	35.0	33.1	29.6	35.0	43.7	54.3
-82.5°	14.3	15.3	15.9	16.0	16.2	16.1	16.0	15.9	19.6	24.3	29.6
-85°	5.8	5.7	6.4	6.8	7.6	8.1	8.3	8.3	9.3	10.5	12.0
-87.5°	2.9	2.8	2.7	2.6	2.7	2.9	3.0	3.2	2.9	2.6	2.3
-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: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
85°	13.7	13.5	13.0	12.3	11.4	11.8	12.1	12.5	12.7	11.9	11.0
82.5°	35.4	38.0	40.4	43.1	45.8	45.4	44.1	42.3	40.0	35.6	30.8
80°	66.3	72.5	76.6	80.0	82.6	80.0	76.2	71.7	66.7	59.3	51.1
77.5°	102.9	109.1	112.4	116.3	120.6	121.5	121.6	122.0	122.5	108.7	91.2
75°	127.7	136.0	142.8	148.8	154.1	156.8	158.5	160.2	161.7	143.4	119.4
72.5°	157.0	165.0	171.5	178.1	183.8	188.2	191.6	194.4	196.6	181.8	160.8
70°	191.3	199.3	206.7	213.5	220.0	226.0	231.3	236.3	240.9	241.7	242.8
67.5°	230.0	234.7	243.6	252.0	262.2	269.5	277.8	285.5	292.7	298.7	303.8
65°	277.9	294.9	312.1	320.6	321.3	332.0	348.8	358.2	361.0	363.1	368.4
62.5°	358.2	380.2	391.7	406.8	427.6	450.2	458.8	471.3	486.5	503.6	519.1
60°	422.0	440.7	468.6	497.0	522.2	545.2	600.8	650.1	692.5	728.8	763.9
57.5°	501.2	532.1	574.7	651.6	722.0	785.5	894.2	1026.9	1145.1	1248.6	1339.5
55°	627.5	717.4	798.3	979.8	1173.7	1341.5	1498.6	1666.6	1803.4	1910.3	2009.2
52.5°	842.8	1090.0	1340.5	1576.1	1807.8	2018.7	2207.9	2356.9	2473.1	2560.3	2643.0
50°	1349.3	1647.2	1952.3	2233.4	2461.0	2668.8	2865.8	3013.5	3137.2	3243.6	3337.8
47.5°	1901.5	2250.2	2538.5	2797.7	3043.0	3273.6	3489.1	3668.9	3821.2	3961.6	4078.5
45°	2451.0	2762.8	3058.5	3336.5	3603.4	3862.0	4093.8	4298.2	4499.7	4666.2	4797.9
42.5°	2915.6	3245.8	3560.2	3878.4	4176.8	4466.9	4746.9	4995.6	5209.6	5391.5	5537.9
40°	3361.5	3717.5	4091.1	4444.3	4798.6	5129.6	5439.8	5723.7	5967.5	6182.9	6365.2
37.5°	3815.4	4231.0	4641.5	5044.0	5434.5	5794.5	6150.4	6478.0	6763.6	7015.7	7227.4
35°	4294.4	4752.5	5199.1	5652.7	6079.1	6495.6	6889.1	7249.7	7566.1	7863.0	8118.2
32.5°	4774.3	5270.6	5773.5	6264.3	6736.6	7203.2	7634.8	8041.3	8415.2	8743.8	9016.3
30°	5241.5	5787.9	6326.0	6860.7	7399.8	7908.1	8386.2	8832.7	9238.4	9596.4	9906.0
27.5°	5689.8	6277.2	6854.4	7466.0	8051.8	8604.7	9124.1	9604.1	10056.9	10464.1	10815.5
25°	6104.7	6728.7	7401.3	8042.8	8669.6	9282.8	9851.9	10373.3	10891.1	11339.0	11720.6
22.5°	6496.6	7192.9	7901.2	8573.9	9265.5	9939.8	10576.8	11181.1	11734.1	12203.5	12610.4
20°	6869.3	7618.7	8348.4	9093.3	9842.2	10569.6	11271.1	11916.9	12501.2	13012.7	13471.6
17.5°	7221.4	7996.8	8772.3	9567.6	10376.4	11141.2	11884.4	12586.9	13224.8	13792.3	14309.6
15°	7525.8	8327.1	9157.5	10002.8	10848.7	11661.9	12450.6	13216.0	13933.7	14551.4	15073.0
12.5°	7784.7	8619.3	9497.8	10384.6	11276.3	12128.8	12964.8	13783.7	14546.6	15210.7	15746.3
10°	7999.3	8873.8	9791.4	10715.1	11629.7	12515.5	13384.9	14232.3	15051.7	15740.0	16290.1
7.5°	8178.2	9086.3	10025.0	10976.7	11899.5	12819.3	13726.1	14582.1	15389.3	16115.2	16680.6
5°	8311.8	9235.1	10193.6	11169.0	12106.0	13058.7	13992.4	14868.3	15667.6	16325.3	16786.8
2.5°	8411.2	9327.7	10303.0	11285.0	12234.4	13221.4	14175.0	15051.9	15869.9	16492.5	16892.1
0°	8478.9	9378.7	10402.5	11365.4	12330.5	13343.1	14285.7	15171.9	15992.7	16601.6	17014.3
-2.5°	8411.2	9327.7	10303.0	11285.0	12234.4	13221.4	14175.0	15051.9	15869.9	16492.5	16892.1
-5°	8311.8	9235.1	10193.6	11169.0	12106.0	13058.7	13992.4	14868.3	15667.6	16325.3	16786.8
-7.5°	8178.2	9086.3	10025.0	10976.7	11899.5	12819.3	13726.1	14582.1	15389.3	16115.2	16680.6
-10°	7999.3	8873.8	9791.4	10715.1	11629.7	12515.5	13384.9	14232.3	15051.7	15740.0	16290.1
-12.5°	7784.7	8619.3	9497.8	10384.6	11276.3	12128.8	12964.8	13783.7	14546.6	15210.7	15746.3
-15°	7525.8	8327.1	9157.5	10002.8	10848.7	11661.9	12450.6	13216.0	13933.7	14551.4	15073.0
-17.5°	7221.4	7996.8	8772.3	9567.6	10376.4	11141.2	11884.4	12586.9	13224.8	13792.3	14309.6
-20°	6869.3	7618.7	8348.4	9093.3	9842.2	10569.6	11271.1	11916.9	12501.2	13012.7	13471.6



REPORT NUMBER: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6496.6	7192.9	7901.2	8573.9	9265.5	9939.8	10576.8	11181.1	11734.1	12203.5	12610.4
-25°	6104.7	6728.7	7401.3	8042.8	8669.6	9282.8	9851.9	10373.3	10891.1	11339.0	11720.6
-27.5°	5689.8	6277.2	6854.4	7466.0	8051.8	8604.7	9124.1	9604.1	10056.9	10464.1	10815.5
-30°	5241.5	5787.9	6326.0	6860.7	7399.8	7908.1	8386.2	8832.7	9238.4	9596.4	9906.0
-32.5°	4774.3	5270.6	5773.5	6264.3	6736.6	7203.2	7634.8	8041.3	8415.2	8743.8	9016.3
-35°	4294.4	4752.5	5199.1	5652.7	6079.1	6495.6	6889.1	7249.7	7566.1	7863.0	8118.2
-37.5°	3815.4	4231.0	4641.5	5044.0	5434.5	5794.5	6150.4	6478.0	6763.6	7015.7	7227.4
-40°	3361.5	3717.5	4091.1	4444.3	4798.6	5129.6	5439.8	5723.7	5967.5	6182.9	6365.2
-42.5°	2915.6	3245.8	3560.2	3878.4	4176.8	4466.9	4746.9	4995.6	5209.6	5391.5	5537.9
-45°	2451.0	2762.8	3058.5	3336.5	3603.4	3862.0	4093.8	4298.2	4499.7	4666.2	4797.9
-47.5°	1901.5	2250.2	2538.5	2797.7	3043.0	3273.6	3489.1	3668.9	3821.2	3961.6	4078.5
-50°	1349.3	1647.2	1952.3	2233.4	2461.0	2668.8	2865.8	3013.5	3137.2	3243.6	3337.8
-52.5°	842.8	1090.0	1340.5	1576.1	1807.8	2018.7	2207.9	2356.9	2473.1	2560.3	2643.0
-55°	627.5	717.4	798.3	979.8	1173.7	1341.5	1498.6	1666.6	1803.4	1910.3	2009.2
-57.5°	501.2	532.1	574.7	651.6	722.0	785.5	894.2	1026.9	1145.1	1248.6	1339.5
-60°	422.0	440.7	468.6	497.0	522.2	545.2	600.8	650.1	692.5	728.8	763.9
-62.5°	358.2	380.2	391.7	406.8	427.6	450.2	458.8	471.3	486.5	503.6	519.1
-65°	277.9	294.9	312.1	320.6	321.3	332.0	348.8	358.2	361.0	363.1	368.4
-67.5°	230.0	234.7	243.6	252.0	262.2	269.5	277.8	285.5	292.7	298.7	303.8
-70°	191.3	199.3	206.7	213.5	220.0	226.0	231.3	236.3	240.9	241.7	242.8
-72.5°	157.0	165.0	171.5	178.1	183.8	188.2	191.6	194.4	196.6	181.8	160.8
-75°	127.7	136.0	142.8	148.8	154.1	156.8	158.5	160.2	161.7	143.4	119.4
-77.5°	102.9	109.1	112.4	116.3	120.6	121.5	121.6	122.0	122.5	108.7	91.2
-80°	66.3	72.5	76.6	80.0	82.6	80.0	76.2	71.7	66.7	59.3	51.1
-82.5°	35.4	38.0	40.4	43.1	45.8	45.4	44.1	42.3	40.0	35.6	30.8
-85°	13.7	13.5	13.0	12.3	11.4	11.8	12.1	12.5	12.7	11.9	11.0
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-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: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-WR-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.7	12.5
82.5°	25.7	20.3	21.4	22.6	21.4	20.3	25.7	30.8	35.6	40.0	42.3
80°	42.6	33.9	34.9	36.1	34.9	33.9	42.6	51.1	59.3	66.7	71.7
77.5°	72.3	52.5	50.7	49.6	50.7	52.5	72.3	91.2	108.7	122.5	122.0
75°	94.6	69.1	67.6	67.7	67.6	69.1	94.6	119.4	143.4	161.7	160.2
72.5°	139.6	118.1	103.1	87.9	103.1	118.1	139.6	160.8	181.8	196.6	194.4
70°	245.4	248.5	247.2	243.5	247.2	248.5	245.4	242.8	241.7	240.9	236.3
67.5°	308.0	311.2	311.9	311.2	311.9	311.2	308.0	303.8	298.7	292.7	285.5
65°	372.1	374.3	375.9	376.6	375.9	374.3	372.1	368.4	363.1	361.0	358.2
62.5°	530.7	538.5	546.7	552.5	546.7	538.5	530.7	519.1	503.6	486.5	471.3
60°	794.5	819.8	831.1	832.1	831.1	819.8	794.5	763.9	728.8	692.5	650.1
57.5°	1412.3	1466.7	1515.2	1551.5	1515.2	1466.7	1412.3	1339.5	1248.6	1145.1	1026.9
55°	2088.0	2145.9	2178.6	2187.4	2178.6	2145.9	2088.0	2009.2	1910.3	1803.4	1666.6
52.5°	2705.6	2744.1	2780.6	2812.0	2780.6	2744.1	2705.6	2643.0	2560.3	2473.1	2356.9
50°	3408.9	3451.8	3487.9	3515.6	3487.9	3451.8	3408.9	3337.8	3243.6	3137.2	3013.5
47.5°	4160.6	4213.1	4251.8	4277.8	4251.8	4213.1	4160.6	4078.5	3961.6	3821.2	3668.9
45°	4910.6	5000.6	5055.2	5064.8	5055.2	5000.6	4910.6	4797.9	4666.2	4499.7	4298.2
42.5°	5664.5	5750.7	5808.9	5851.8	5808.9	5750.7	5664.5	5537.9	5391.5	5209.6	4995.6
40°	6517.2	6625.4	6675.0	6643.3	6675.0	6625.4	6517.2	6365.2	6182.9	5967.5	5723.7
37.5°	7390.6	7501.9	7559.3	7556.6	7559.3	7501.9	7390.6	7227.4	7015.7	6763.6	6478.0
35°	8316.6	8454.6	8529.3	8510.5	8529.3	8454.6	8316.6	8118.2	7863.0	7566.1	7249.7
32.5°	9234.0	9400.8	9508.5	9525.3	9508.5	9400.8	9234.0	9016.3	8743.8	8415.2	8041.3
30°	10154.2	10334.5	10441.6	10452.1	10441.6	10334.5	10154.2	9906.0	9596.4	9238.4	8832.7
27.5°	11110.5	11312.1	11424.2	11451.1	11424.2	11312.1	11110.5	10815.5	10464.1	10056.9	9604.1
25°	12046.0	12269.8	12398.5	12447.8	12398.5	12269.8	12046.0	11720.6	11339.0	10891.1	10373.3
22.5°	12948.1	13193.6	13361.2	13403.9	13361.2	13193.6	12948.1	12610.4	12203.5	11734.1	11181.1
20°	13852.9	14142.5	14357.0	14378.1	14357.0	14142.5	13852.9	13471.6	13012.7	12501.2	11916.9
17.5°	14724.0	15037.5	15266.9	15323.0	15266.9	15037.5	14724.0	14309.6	13792.3	13224.8	12586.9
15°	15503.9	15832.9	16054.5	16103.2	16054.5	15832.9	15503.9	15073.0	14551.4	13933.7	13216.0
12.5°	16176.9	16480.2	16687.0	16766.2	16687.0	16480.2	16176.9	15746.3	15210.7	14546.6	13783.7
10°	16719.1	16953.3	17138.3	17221.7	17138.3	16953.3	16719.1	16290.1	15740.0	15051.7	14232.3
7.5°	17021.8	17214.5	17342.6	17388.6	17342.6	17214.5	17021.8	16680.6	16115.2	15389.3	14582.1
5°	17141.4	17326.1	17395.5	17436.0	17395.5	17326.1	17141.4	16786.8	16325.3	15667.6	14868.3
2.5°	17157.7	17305.6	17448.2	17541.9	17448.2	17305.6	17157.7	16892.1	16492.5	15869.9	15051.9
0°	17253.3	17397.6	17476.5	17521.6	17476.5	17397.6	17253.3	17014.3	16601.6	15992.7	15171.9
-2.5°	17157.7	17305.6	17448.2	17541.9	17448.2	17305.6	17157.7	16892.1	16492.5	15869.9	15051.9
-5°	17141.4	17326.1	17395.5	17436.0	17395.5	17326.1	17141.4	16786.8	16325.3	15667.6	14868.3
-7.5°	17021.8	17214.5	17342.6	17388.6	17342.6	17214.5	17021.8	16680.6	16115.2	15389.3	14582.1
-10°	16719.1	16953.3	17138.3	17221.7	17138.3	16953.3	16719.1	16290.1	15740.0	15051.7	14232.3
-12.5°	16176.9	16480.2	16687.0	16766.2	16687.0	16480.2	16176.9	15746.3	15210.7	14546.6	13783.7
-15°	15503.9	15832.9	16054.5	16103.2	16054.5	15832.9	15503.9	15073.0	14551.4	13933.7	13216.0
-17.5°	14724.0	15037.5	15266.9	15323.0	15266.9	15037.5	14724.0	14309.6	13792.3	13224.8	12586.9
-20°	13852.9	14142.5	14357.0	14378.1	14357.0	14142.5	13852.9	13471.6	13012.7	12501.2	11916.9



REPORT NUMBER: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12948.1	13193.6	13361.2	13403.9	13361.2	13193.6	12948.1	12610.4	12203.5	11734.1	11181.1
-25°	12046.0	12269.8	12398.5	12447.8	12398.5	12269.8	12046.0	11720.6	11339.0	10891.1	10373.3
-27.5°	11110.5	11312.1	11424.2	11451.1	11424.2	11312.1	11110.5	10815.5	10464.1	10056.9	9604.1
-30°	10154.2	10334.5	10441.6	10452.1	10441.6	10334.5	10154.2	9906.0	9596.4	9238.4	8832.7
-32.5°	9234.0	9400.8	9508.5	9525.3	9508.5	9400.8	9234.0	9016.3	8743.8	8415.2	8041.3
-35°	8316.6	8454.6	8529.3	8510.5	8529.3	8454.6	8316.6	8118.2	7863.0	7566.1	7249.7
-37.5°	7390.6	7501.9	7559.3	7556.6	7559.3	7501.9	7390.6	7227.4	7015.7	6763.6	6478.0
-40°	6517.2	6625.4	6675.0	6643.3	6675.0	6625.4	6517.2	6365.2	6182.9	5967.5	5723.7
-42.5°	5664.5	5750.7	5808.9	5851.8	5808.9	5750.7	5664.5	5537.9	5391.5	5209.6	4995.6
-45°	4910.6	5000.6	5055.2	5064.8	5055.2	5000.6	4910.6	4797.9	4666.2	4499.7	4298.2
-47.5°	4160.6	4213.1	4251.8	4277.8	4251.8	4213.1	4160.6	4078.5	3961.6	3821.2	3668.9
-50°	3408.9	3451.8	3487.9	3515.6	3487.9	3451.8	3408.9	3337.8	3243.6	3137.2	3013.5
-52.5°	2705.6	2744.1	2780.6	2812.0	2780.6	2744.1	2705.6	2643.0	2560.3	2473.1	2356.9
-55°	2088.0	2145.9	2178.6	2187.4	2178.6	2145.9	2088.0	2009.2	1910.3	1803.4	1666.6
-57.5°	1412.3	1466.7	1515.2	1551.5	1515.2	1466.7	1412.3	1339.5	1248.6	1145.1	1026.9
-60°	794.5	819.8	831.1	832.1	831.1	819.8	794.5	763.9	728.8	692.5	650.1
-62.5°	530.7	538.5	546.7	552.5	546.7	538.5	530.7	519.1	503.6	486.5	471.3
-65°	372.1	374.3	375.9	376.6	375.9	374.3	372.1	368.4	363.1	361.0	358.2
-67.5°	308.0	311.2	311.9	311.2	311.9	311.2	308.0	303.8	298.7	292.7	285.5
-70°	245.4	248.5	247.2	243.5	247.2	248.5	245.4	242.8	241.7	240.9	236.3
-72.5°	139.6	118.1	103.1	87.9	103.1	118.1	139.6	160.8	181.8	196.6	194.4
-75°	94.6	69.1	67.6	67.7	67.6	69.1	94.6	119.4	143.4	161.7	160.2
-77.5°	72.3	52.5	50.7	49.6	50.7	52.5	72.3	91.2	108.7	122.5	122.0
-80°	42.6	33.9	34.9	36.1	34.9	33.9	42.6	51.1	59.3	66.7	71.7
-82.5°	25.7	20.3	21.4	22.6	21.4	20.3	25.7	30.8	35.6	40.0	42.3
-85°	10.0	9.0	9.0	9.0	9.0	9.0	10.0	11.0	11.9	12.7	12.5
-87.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-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: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	2.3	2.6	2.9	3.2
85°	12.1	11.8	11.4	12.3	13.0	13.5	13.7	12.0	10.5	9.3	8.3
82.5°	44.1	45.4	45.8	43.1	40.4	38.0	35.4	29.6	24.3	19.6	15.9
80°	76.2	80.0	82.6	80.0	76.6	72.5	66.3	54.3	43.7	35.0	29.6
77.5°	121.6	121.5	120.6	116.3	112.4	109.1	102.9	84.8	67.2	51.7	43.9
75°	158.5	156.8	154.1	148.8	142.8	136.0	127.7	115.3	99.8	81.0	67.9
72.5°	191.6	188.2	183.8	178.1	171.5	165.0	157.0	146.8	134.8	121.1	110.3
70°	231.3	226.0	220.0	213.5	206.7	199.3	191.3	181.3	168.7	155.2	147.5
67.5°	277.8	269.5	262.2	252.0	243.6	234.7	230.0	221.4	210.0	196.1	186.7
65°	348.8	332.0	321.3	320.6	312.1	294.9	277.9	269.6	260.2	244.7	228.2
62.5°	458.8	450.2	427.6	406.8	391.7	380.2	358.2	334.8	316.6	300.7	279.3
60°	600.8	545.2	522.2	497.0	468.6	440.7	422.0	399.3	372.4	351.1	329.2
57.5°	894.2	785.5	722.0	651.6	574.7	532.1	501.2	465.6	435.3	405.6	378.0
55°	1498.6	1341.5	1173.7	979.8	798.3	717.4	627.5	556.8	513.1	463.0	430.0
52.5°	2207.9	2018.7	1807.8	1576.1	1340.5	1090.0	842.8	738.0	617.5	543.1	487.9
50°	2865.8	2668.8	2461.0	2233.4	1952.3	1647.2	1349.3	1052.2	809.6	671.1	560.5
47.5°	3489.1	3273.6	3043.0	2797.7	2538.5	2250.2	1901.5	1535.8	1191.8	846.7	696.0
45°	4093.8	3862.0	3603.4	3336.5	3058.5	2762.8	2451.0	2075.7	1662.1	1265.1	855.1
42.5°	4746.9	4466.9	4176.8	3878.4	3560.2	3245.8	2915.6	2563.6	2166.6	1710.6	1266.8
40°	5439.8	5129.6	4798.6	4444.3	4091.1	3717.5	3361.5	2991.4	2605.1	2174.3	1674.0
37.5°	6150.4	5794.5	5434.5	5044.0	4641.5	4231.0	3815.4	3407.7	2995.1	2574.2	2089.7
35°	6889.1	6495.6	6079.1	5652.7	5199.1	4752.5	4294.4	3831.1	3379.8	2930.4	2467.3
32.5°	7634.8	7203.2	6736.6	6264.3	5773.5	5270.6	4774.3	4271.4	3755.9	3276.6	2791.7
30°	8386.2	7908.1	7399.8	6860.7	6326.0	5787.9	5241.5	4690.1	4138.0	3605.7	3102.9
27.5°	9124.1	8604.7	8051.8	7466.0	6854.4	6277.2	5689.8	5092.2	4497.8	3931.0	3391.3
25°	9851.9	9282.8	8669.6	8042.8	7401.3	6728.7	6104.7	5476.3	4850.8	4234.9	3652.1
22.5°	10576.8	9939.8	9265.5	8573.9	7901.2	7192.9	6496.6	5829.3	5176.8	4524.0	3907.2
20°	11271.1	10569.6	9842.2	9093.3	8348.4	7618.7	6869.3	6159.9	5470.7	4794.6	4144.2
17.5°	11884.4	11141.2	10376.4	9567.6	8772.3	7996.8	7221.4	6462.6	5736.7	5029.9	4358.9
15°	12450.6	11661.9	10848.7	10002.8	9157.5	8327.1	7525.8	6729.1	5975.2	5239.0	4549.5
12.5°	12964.8	12128.8	11276.3	10384.6	9497.8	8619.3	7784.7	6969.3	6183.7	5425.3	4710.1
10°	13384.9	12515.5	11629.7	10715.1	9791.4	8873.8	7999.3	7163.0	6351.6	5573.7	4843.9
7.5°	13726.1	12819.3	11899.5	10976.7	10025.0	9086.3	8178.2	7309.6	6482.6	5682.2	4949.2
5°	13992.4	13058.7	12106.0	11169.0	10193.6	9235.1	8311.8	7408.1	6574.6	5751.8	5025.0
2.5°	14175.0	13221.4	12234.4	11285.0	10303.0	9327.7	8411.2	7484.4	6640.1	5825.1	5091.3
0°	14285.7	13343.1	12330.5	11365.4	10402.5	9378.7	8478.9	7536.3	6668.1	5872.1	5125.7
-2.5°	14175.0	13221.4	12234.4	11285.0	10303.0	9327.7	8411.2	7484.4	6640.1	5825.1	5091.3
-5°	13992.4	13058.7	12106.0	11169.0	10193.6	9235.1	8311.8	7408.1	6574.6	5751.8	5025.0
-7.5°	13726.1	12819.3	11899.5	10976.7	10025.0	9086.3	8178.2	7309.6	6482.6	5682.2	4949.2
-10°	13384.9	12515.5	11629.7	10715.1	9791.4	8873.8	7999.3	7163.0	6351.6	5573.7	4843.9
-12.5°	12964.8	12128.8	11276.3	10384.6	9497.8	8619.3	7784.7	6969.3	6183.7	5425.3	4710.1
-15°	12450.6	11661.9	10848.7	10002.8	9157.5	8327.1	7525.8	6729.1	5975.2	5239.0	4549.5
-17.5°	11884.4	11141.2	10376.4	9567.6	8772.3	7996.8	7221.4	6462.6	5736.7	5029.9	4358.9
-20°	11271.1	10569.6	9842.2	9093.3	8348.4	7618.7	6869.3	6159.9	5470.7	4794.6	4144.2



REPORT NUMBER: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10576.8	9939.8	9265.5	8573.9	7901.2	7192.9	6496.6	5829.3	5176.8	4524.0	3907.2
-25°	9851.9	9282.8	8669.6	8042.8	7401.3	6728.7	6104.7	5476.3	4850.8	4234.9	3652.1
-27.5°	9124.1	8604.7	8051.8	7466.0	6854.4	6277.2	5689.8	5092.2	4497.8	3931.0	3391.3
-30°	8386.2	7908.1	7399.8	6860.7	6326.0	5787.9	5241.5	4690.1	4138.0	3605.7	3102.9
-32.5°	7634.8	7203.2	6736.6	6264.3	5773.5	5270.6	4774.3	4271.4	3755.9	3276.6	2791.7
-35°	6889.1	6495.6	6079.1	5652.7	5199.1	4752.5	4294.4	3831.1	3379.8	2930.4	2467.3
-37.5°	6150.4	5794.5	5434.5	5044.0	4641.5	4231.0	3815.4	3407.7	2995.1	2574.2	2089.7
-40°	5439.8	5129.6	4798.6	4444.3	4091.1	3717.5	3361.5	2991.4	2605.1	2174.3	1674.0
-42.5°	4746.9	4466.9	4176.8	3878.4	3560.2	3245.8	2915.6	2563.6	2166.6	1710.6	1266.8
-45°	4093.8	3862.0	3603.4	3336.5	3058.5	2762.8	2451.0	2075.7	1662.1	1265.1	855.1
-47.5°	3489.1	3273.6	3043.0	2797.7	2538.5	2250.2	1901.5	1535.8	1191.8	846.7	696.0
-50°	2865.8	2668.8	2461.0	2233.4	1952.3	1647.2	1349.3	1052.2	809.6	671.1	560.5
-52.5°	2207.9	2018.7	1807.8	1576.1	1340.5	1090.0	842.8	738.0	617.5	543.1	487.9
-55°	1498.6	1341.5	1173.7	979.8	798.3	717.4	627.5	556.8	513.1	463.0	430.0
-57.5°	894.2	785.5	722.0	651.6	574.7	532.1	501.2	465.6	435.3	405.6	378.0
-60°	600.8	545.2	522.2	497.0	468.6	440.7	422.0	399.3	372.4	351.1	329.2
-62.5°	458.8	450.2	427.6	406.8	391.7	380.2	358.2	334.8	316.6	300.7	279.3
-65°	348.8	332.0	321.3	320.6	312.1	294.9	277.9	269.6	260.2	244.7	228.2
-67.5°	277.8	269.5	262.2	252.0	243.6	234.7	230.0	221.4	210.0	196.1	186.7
-70°	231.3	226.0	220.0	213.5	206.7	199.3	191.3	181.3	168.7	155.2	147.5
-72.5°	191.6	188.2	183.8	178.1	171.5	165.0	157.0	146.8	134.8	121.1	110.3
-75°	158.5	156.8	154.1	148.8	142.8	136.0	127.7	115.3	99.8	81.0	67.9
-77.5°	121.6	121.5	120.6	116.3	112.4	109.1	102.9	84.8	67.2	51.7	43.9
-80°	76.2	80.0	82.6	80.0	76.6	72.5	66.3	54.3	43.7	35.0	29.6
-82.5°	44.1	45.4	45.8	43.1	40.4	38.0	35.4	29.6	24.3	19.6	15.9
-85°	12.1	11.8	11.4	12.3	13.0	13.5	13.7	12.0	10.5	9.3	8.3
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	2.3	2.6	2.9	3.2
-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: P559179 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-WR-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°	3.0	2.9	2.7	2.6	2.7	2.8	2.9	2.9	2.6	2.3	2.0
85°	8.3	8.1	7.6	6.8	6.4	5.7	5.8	5.7	5.2	4.6	4.1
82.5°	16.0	16.1	16.2	16.0	15.9	15.3	14.3	12.7	10.0	7.3	6.1
80°	33.1	35.0	35.0	32.9	28.8	25.0	24.0	22.1	18.3	14.5	10.9
77.5°	50.5	55.4	58.3	57.1	50.9	44.9	39.1	33.0	26.5	21.7	17.0
75°	69.2	75.5	80.3	80.2	73.6	64.8	57.0	48.8	39.1	29.3	23.1
72.5°	104.7	102.2	103.0	103.5	97.8	89.3	77.8	64.4	53.2	41.9	30.4
70°	140.5	131.1	124.8	123.7	120.8	114.5	103.0	85.7	67.3	54.3	41.3
67.5°	178.1	168.7	156.7	146.2	142.3	136.8	128.0	107.7	86.0	66.6	52.0
65°	216.7	205.6	194.2	178.8	167.1	159.3	150.3	128.6	104.0	81.7	62.6
62.5°	258.8	240.6	226.2	209.5	193.6	181.6	172.1	148.6	121.6	96.1	74.0
60°	305.2	281.9	258.3	238.5	219.5	202.6	189.0	168.7	140.7	109.8	85.3
57.5°	352.2	323.8	294.3	268.0	245.8	224.6	205.1	185.5	159.7	126.6	95.5
55°	399.3	367.8	330.4	298.3	271.8	248.3	222.6	200.7	177.6	144.1	103.5
52.5°	445.0	409.1	369.1	329.3	296.9	270.3	241.9	215.8	191.6	161.6	115.2
50°	500.7	448.7	406.6	363.6	321.7	290.6	260.1	231.8	205.5	177.5	126.2
47.5°	565.2	499.4	443.8	396.9	351.7	310.5	278.2	247.0	219.3	189.9	135.7
45°	693.8	557.0	487.3	431.3	380.0	334.5	296.2	261.1	231.9	195.3	143.8
42.5°	840.8	664.5	538.4	465.3	410.6	358.6	313.7	276.6	243.5	198.8	148.3
40°	1194.4	798.8	607.3	510.7	441.3	381.1	333.6	292.0	253.3	200.9	150.0
37.5°	1557.7	1048.0	728.3	554.7	473.9	408.5	352.4	306.9	257.5	203.1	150.5
35°	1926.3	1373.7	847.0	634.2	513.1	435.1	369.5	321.7	267.0	205.2	149.8
32.5°	2276.2	1688.2	1119.0	739.5	550.7	460.8	389.7	336.4	279.0	207.3	147.8
30°	2576.3	1993.8	1388.5	839.9	603.0	492.7	412.0	350.4	293.3	209.2	145.6
27.5°	2849.4	2279.1	1642.0	1034.7	689.7	523.4	433.0	363.5	309.7	214.4	146.0
25°	3100.5	2522.5	1886.6	1248.2	771.1	552.6	452.1	375.9	322.7	225.5	146.1
22.5°	3322.5	2739.2	2110.3	1442.7	844.4	581.0	472.7	391.8	332.6	237.2	145.8
20°	3521.6	2936.1	2313.6	1622.3	965.1	641.8	494.9	405.9	341.6	249.3	145.0
17.5°	3700.8	3107.3	2484.6	1792.7	1109.3	695.5	515.2	418.2	349.7	261.5	143.6
15°	3875.6	3252.7	2629.8	1943.4	1236.4	742.1	533.4	428.7	356.8	273.3	142.9
12.5°	4022.5	3377.1	2752.2	2073.6	1345.6	781.4	549.3	437.5	362.9	283.8	141.9
10°	4140.4	3479.7	2851.8	2182.6	1436.4	813.4	562.9	444.1	367.6	292.5	139.1
7.5°	4229.4	3560.0	2928.6	2269.6	1508.3	839.8	571.6	447.9	371.4	299.4	134.6
5°	4293.4	3620.6	2984.6	2333.9	1560.2	861.4	577.2	449.9	374.2	304.3	128.9
2.5°	4346.4	3663.1	3019.7	2375.1	1591.8	876.3	579.8	450.1	376.0	306.9	122.3
0°	4372.5	3682.5	3033.0	2392.6	1603.3	884.0	579.5	448.8	376.6	306.7	115.0
-2.5°	4346.4	3663.1	3019.7	2375.1	1591.8	876.3	579.8	450.1	376.0	306.9	122.3
-5°	4293.4	3620.6	2984.6	2333.9	1560.2	861.4	577.2	449.9	374.2	304.3	128.9
-7.5°	4229.4	3560.0	2928.6	2269.6	1508.3	839.8	571.6	447.9	371.4	299.4	134.6
-10°	4140.4	3479.7	2851.8	2182.6	1436.4	813.4	562.9	444.1	367.6	292.5	139.1
-12.5°	4022.5	3377.1	2752.2	2073.6	1345.6	781.4	549.3	437.5	362.9	283.8	141.9
-15°	3875.6	3252.7	2629.8	1943.4	1236.4	742.1	533.4	428.7	356.8	273.3	142.9
-17.5°	3700.8	3107.3	2484.6	1792.7	1109.3	695.5	515.2	418.2	349.7	261.5	143.6
-20°	3521.6	2936.1	2313.6	1622.3	965.1	641.8	494.9	405.9	341.6	249.3	145.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3322.5	2739.2	2110.3	1442.7	844.4	581.0	472.7	391.8	332.6	237.2	145.8
-25°	3100.5	2522.5	1886.6	1248.2	771.1	552.6	452.1	375.9	322.7	225.5	146.1
-27.5°	2849.4	2279.1	1642.0	1034.7	689.7	523.4	433.0	363.5	309.7	214.4	146.0
-30°	2576.3	1993.8	1388.5	839.9	603.0	492.7	412.0	350.4	293.3	209.2	145.6
-32.5°	2276.2	1688.2	1119.0	739.5	550.7	460.8	389.7	336.4	279.0	207.3	147.8
-35°	1926.3	1373.7	847.0	634.2	513.1	435.1	369.5	321.7	267.0	205.2	149.8
-37.5°	1557.7	1048.0	728.3	554.7	473.9	408.5	352.4	306.9	257.5	203.1	150.5
-40°	1194.4	798.8	607.3	510.7	441.3	381.1	333.6	292.0	253.3	200.9	150.0
-42.5°	840.8	664.5	538.4	465.3	410.6	358.6	313.7	276.6	243.5	198.8	148.3
-45°	693.8	557.0	487.3	431.3	380.0	334.5	296.2	261.1	231.9	195.3	143.8
-47.5°	565.2	499.4	443.8	396.9	351.7	310.5	278.2	247.0	219.3	189.9	135.7
-50°	500.7	448.7	406.6	363.6	321.7	290.6	260.1	231.8	205.5	177.5	126.2
-52.5°	445.0	409.1	369.1	329.3	296.9	270.3	241.9	215.8	191.6	161.6	115.2
-55°	399.3	367.8	330.4	298.3	271.8	248.3	222.6	200.7	177.6	144.1	103.5
-57.5°	352.2	323.8	294.3	268.0	245.8	224.6	205.1	185.5	159.7	126.6	95.5
-60°	305.2	281.9	258.3	238.5	219.5	202.6	189.0	168.7	140.7	109.8	85.3
-62.5°	258.8	240.6	226.2	209.5	193.6	181.6	172.1	148.6	121.6	96.1	74.0
-65°	216.7	205.6	194.2	178.8	167.1	159.3	150.3	128.6	104.0	81.7	62.6
-67.5°	178.1	168.7	156.7	146.2	142.3	136.8	128.0	107.7	86.0	66.6	52.0
-70°	140.5	131.1	124.8	123.7	120.8	114.5	103.0	85.7	67.3	54.3	41.3
-72.5°	104.7	102.2	103.0	103.5	97.8	89.3	77.8	64.4	53.2	41.9	30.4
-75°	69.2	75.5	80.3	80.2	73.6	64.8	57.0	48.8	39.1	29.3	23.1
-77.5°	50.5	55.4	58.3	57.1	50.9	44.9	39.1	33.0	26.5	21.7	17.0
-80°	33.1	35.0	35.0	32.9	28.8	25.0	24.0	22.1	18.3	14.5	10.9
-82.5°	16.0	16.1	16.2	16.0	15.9	15.3	14.3	12.7	10.0	7.3	6.1
-85°	8.3	8.1	7.6	6.8	6.4	5.7	5.8	5.7	5.2	4.6	4.1
-87.5°	3.0	2.9	2.7	2.6	2.7	2.8	2.9	2.9	2.6	2.3	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



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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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.4	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	12.5	8.1	5.9	4.4	2.9	1.5	0.0
75°	17.4	11.6	7.2	5.3	3.5	1.8	0.0
72.5°	22.2	15.1	9.6	6.1	4.1	2.0	0.0
70°	27.2	18.4	11.9	7.1	4.6	2.3	0.0
67.5°	35.5	21.6	14.0	8.4	5.2	2.6	0.0
65°	43.3	25.8	16.1	9.7	5.7	2.9	0.0
62.5°	50.5	30.9	18.0	11.0	6.3	3.1	0.0
60°	57.1	35.6	19.9	12.1	6.8	3.4	0.0
57.5°	63.8	39.8	22.6	13.2	7.5	3.7	0.0
55°	69.7	43.6	25.2	14.2	8.1	3.9	0.0
52.5°	74.8	46.9	27.4	15.1	8.7	4.1	0.0
50°	79.0	50.0	29.3	15.9	9.4	4.4	0.0
47.5°	83.0	52.5	30.9	16.7	10.0	4.6	0.0
45°	89.7	54.4	32.1	17.6	10.5	4.8	0.0
42.5°	95.3	55.6	33.0	18.3	11.1	5.0	0.0
40°	99.8	56.2	33.6	19.1	11.6	5.2	0.0
37.5°	103.1	56.2	33.9	20.1	12.1	5.4	0.0
35°	105.4	57.5	33.8	20.9	12.5	5.6	0.0
32.5°	105.8	59.0	33.3	21.8	13.0	5.7	0.0
30°	103.8	59.8	32.5	22.5	13.4	5.9	0.0
27.5°	101.0	59.8	33.3	23.3	13.8	6.0	0.0
25°	97.4	59.1	34.3	23.9	14.1	6.2	0.0
22.5°	92.9	59.1	35.2	24.5	14.4	6.3	0.0
20°	87.8	61.9	36.1	25.0	14.7	6.4	0.0
17.5°	86.9	64.4	36.9	25.5	15.0	6.5	0.0
15°	88.6	66.5	37.7	25.9	15.2	6.6	0.0
12.5°	90.2	68.2	38.4	26.3	15.4	6.6	0.0
10°	91.5	69.7	39.0	26.6	15.5	6.7	0.0
7.5°	92.7	70.8	39.5	26.8	15.6	6.7	0.0
5°	93.6	71.6	40.0	27.0	15.7	6.8	0.0
2.5°	94.3	72.0	40.3	27.1	15.8	6.8	0.0
0°	94.7	72.2	40.6	27.1	15.8	6.8	0.0
-2.5°	94.3	72.0	40.3	27.1	15.8	6.8	0.0
-5°	93.6	71.6	40.0	27.0	15.7	6.8	0.0
-7.5°	92.7	70.8	39.5	26.8	15.6	6.7	0.0
-10°	91.5	69.7	39.0	26.6	15.5	6.7	0.0
-12.5°	90.2	68.2	38.4	26.3	15.4	6.6	0.0
-15°	88.6	66.5	37.7	25.9	15.2	6.6	0.0
-17.5°	86.9	64.4	36.9	25.5	15.0	6.5	0.0
-20°	87.8	61.9	36.1	25.0	14.7	6.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	92.9	59.1	35.2	24.5	14.4	6.3	0.0
-25°	97.4	59.1	34.3	23.9	14.1	6.2	0.0
-27.5°	101.0	59.8	33.3	23.3	13.8	6.0	0.0
-30°	103.8	59.8	32.5	22.5	13.4	5.9	0.0
-32.5°	105.8	59.0	33.3	21.8	13.0	5.7	0.0
-35°	105.4	57.5	33.8	20.9	12.5	5.6	0.0
-37.5°	103.1	56.2	33.9	20.1	12.1	5.4	0.0
-40°	99.8	56.2	33.6	19.1	11.6	5.2	0.0
-42.5°	95.3	55.6	33.0	18.3	11.1	5.0	0.0
-45°	89.7	54.4	32.1	17.6	10.5	4.8	0.0
-47.5°	83.0	52.5	30.9	16.7	10.0	4.6	0.0
-50°	79.0	50.0	29.3	15.9	9.4	4.4	0.0
-52.5°	74.8	46.9	27.4	15.1	8.7	4.1	0.0
-55°	69.7	43.6	25.2	14.2	8.1	3.9	0.0
-57.5°	63.8	39.8	22.6	13.2	7.5	3.7	0.0
-60°	57.1	35.6	19.9	12.1	6.8	3.4	0.0
-62.5°	50.5	30.9	18.0	11.0	6.3	3.1	0.0
-65°	43.3	25.8	16.1	9.7	5.7	2.9	0.0
-67.5°	35.5	21.6	14.0	8.4	5.2	2.6	0.0
-70°	27.2	18.4	11.9	7.1	4.6	2.3	0.0
-72.5°	22.2	15.1	9.6	6.1	4.1	2.0	0.0
-75°	17.4	11.6	7.2	5.3	3.5	1.8	0.0
-77.5°	12.5	8.1	5.9	4.4	2.9	1.5	0.0
-80°	7.4	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)