

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: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559041 (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-927-U-TSB-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

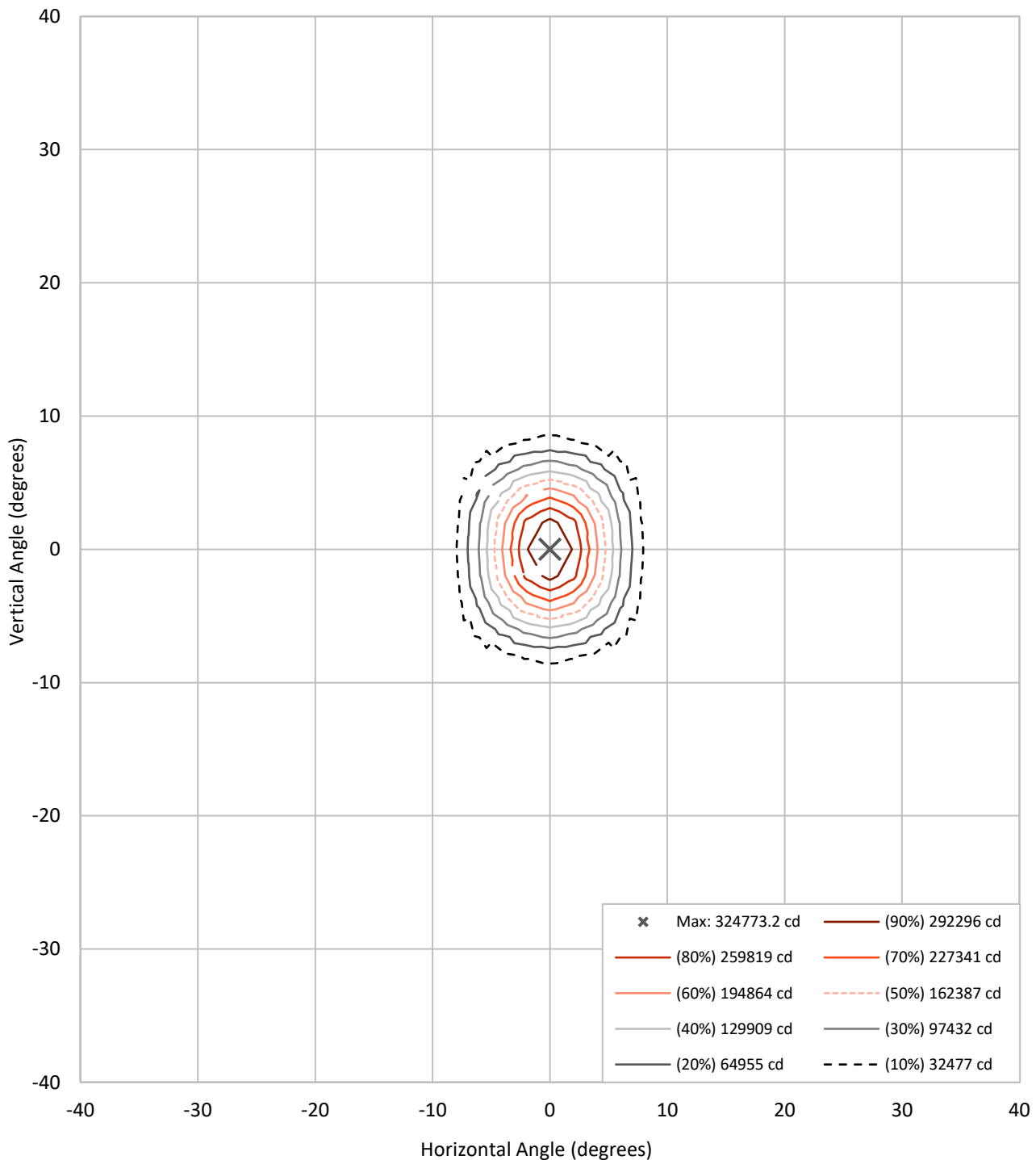
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12647.4 lumens	Max Intensity:	324773.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	62.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5420.9 lumens	Field Lumens:	9342.8 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





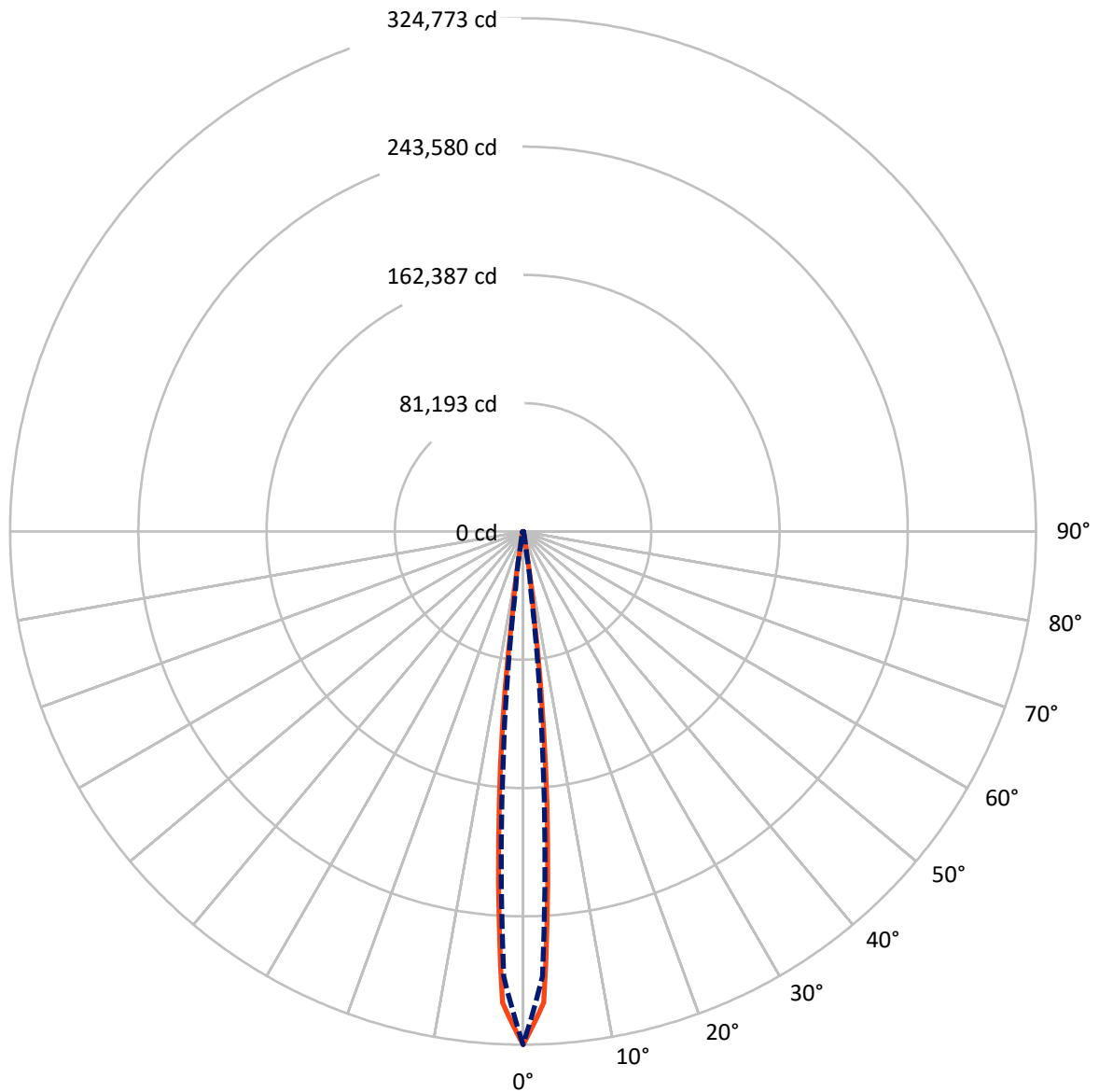
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### Lumen Table

90	0.1	0.4	1.3	3.1	5.2	3.1	1.3	0.4	0.1							
80	0.1	0.4	1.3	3.1	5.2	3.1	1.3	0.4	0.1							
70	0.2	0.2	0.7	1.4	2.2	2.8	4.4	7.9	7.9	4.4	2.8	2.2	1.4	0.7	0.2	0.2
60		0.5	1.3	2.6	4.1	5.6	7.5	10.2	10.2	7.5	5.6	4.1	2.6	1.3	0.5	
50	0.6	0.9	2.0	4.1	7.1	10.7	13.8	16.4	16.4	13.8	10.7	7.1	4.1	2.0	0.9	0.6
40		1.4	2.8	6.2	11.1	15.0	16.9	17.9	17.9	16.9	15.0	11.1	6.2	2.8	1.4	
30	1.3	2.0	3.9	8.7	13.6	16.3	22.2	29.2	29.2	22.2	16.3	13.6	8.7	3.9	2.0	1.3
20		2.8	5.4	11.0	15.1	21.4	43.5	86.9	86.9	43.5	21.4	15.1	11.0	5.4	2.8	
10	1.5	3.1	6.5	12.3	15.7	27.5	85.9	2541.0	2541.0	85.9	27.5	15.7	12.3	6.5	3.1	1.5
0		3.1	6.5	12.3	15.7	27.5	85.9	2541.0	2541.0	85.9	27.5	15.7	12.3	6.5	3.1	
-10	1.3	2.8	5.4	11.0	15.1	21.4	43.5	86.9	86.9	43.5	21.4	15.1	11.0	5.4	2.8	1.3
-20		2.0	3.9	8.7	13.6	16.3	22.2	29.2	29.2	22.2	16.3	13.6	8.7	3.9	2.0	
-30	0.6	1.4	2.8	6.2	11.1	15.0	16.9	17.9	17.9	16.9	15.0	11.1	6.2	2.8	1.4	0.6
-40		0.9	2.0	4.1	7.1	10.7	13.8	16.4	16.4	13.8	10.7	7.1	4.1	2.0	0.9	
-50	0.2	0.5	1.3	2.6	4.1	5.6	7.5	10.2	10.2	7.5	5.6	4.1	2.6	1.3	0.5	0.2
-60		0.2	0.7	1.4	2.2	2.8	4.4	7.9	7.9	4.4	2.8	2.2	1.4	0.7	0.2	
-70	0.1	0.4	1.3	3.1	5.2	3.1	1.3	0.4	0.1							
-80		0.1	0.4	1.3	3.1	5.2	3.1	1.3	0.4	0.1						
-90	0.1	0.4	1.3	3.1	5.2	3.1	1.3	0.4	0.1							

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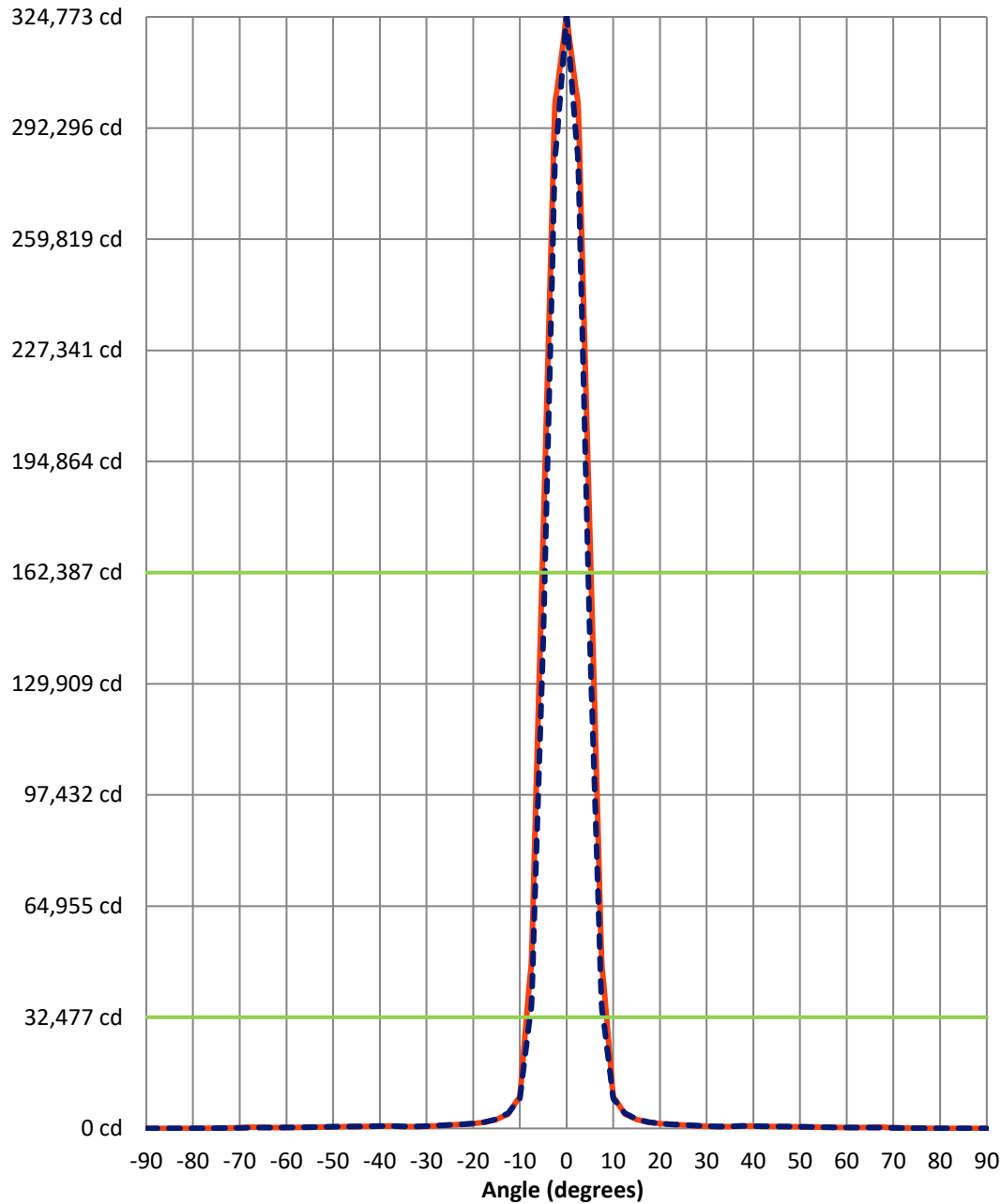
### Luminous Intensity Polar Plot



— 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: 5420.9  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 9342.8  
Efficiency: 73.9%

**Spill:**  
Lumens: 3304.5  
Efficiency: 26.1%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	1.6
85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.9	5.7
72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.5	7.3
70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	7.0	8.1	10.1
67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.3	7.1	8.6	11.1	13.3
65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.6	11.4	14.2	16.9
62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.9	14.2	17.5	21.8
60°	0.0	1.8	3.7	3.7	3.7	6.7	9.4	13.4	17.0	22.1	26.7
57.5°	0.0	2.0	3.7	3.7	4.7	8.0	11.8	16.0	21.0	26.8	32.2
55°	0.0	2.1	3.7	3.7	5.6	9.2	14.4	18.7	25.4	31.7	38.2
52.5°	0.0	2.3	3.8	3.7	6.6	10.5	17.0	22.9	29.7	37.4	44.3
50°	0.0	2.4	3.8	3.7	7.6	12.8	19.6	27.3	34.3	43.2	51.7
47.5°	0.0	2.5	3.9	3.9	8.5	15.2	22.6	31.9	39.6	49.0	59.6
45°	0.0	2.6	3.9	4.6	9.4	17.5	26.7	36.7	45.9	56.4	67.6
42.5°	0.0	2.7	4.0	5.2	10.4	19.9	30.9	42.1	52.5	63.9	77.2
40°	0.0	2.8	4.0	5.9	11.7	22.2	35.1	48.0	59.8	71.8	87.2
37.5°	0.0	2.9	4.1	6.5	13.5	24.6	39.4	54.1	68.0	81.7	97.7
35°	0.0	3.0	4.2	7.1	15.3	27.6	43.8	60.2	76.4	93.1	107.7
32.5°	0.0	3.1	4.3	7.6	17.0	31.0	48.3	66.5	84.9	105.0	120.4
30°	0.0	3.2	4.4	8.0	18.7	34.3	53.3	73.0	93.4	117.3	134.7
27.5°	0.0	3.3	4.4	8.4	19.8	37.6	58.3	80.0	102.6	129.9	150.5
25°	0.0	3.4	4.5	8.7	20.6	40.8	63.2	86.9	112.9	143.0	167.5
22.5°	0.0	3.4	4.6	9.0	21.3	43.3	68.0	93.7	123.3	156.9	181.9
20°	0.0	3.5	4.7	9.2	21.8	44.2	72.7	100.3	133.6	171.3	196.1
17.5°	0.0	3.5	4.8	9.3	22.1	44.7	75.2	106.7	143.7	186.1	210.0
15°	0.0	3.6	4.9	9.4	22.2	45.0	76.1	111.3	153.6	201.1	223.7
12.5°	0.0	3.6	5.0	9.5	22.2	44.9	76.6	113.7	160.0	216.1	237.0
10°	0.0	3.6	5.1	9.5	22.1	44.6	76.8	115.8	163.2	221.8	246.5
7.5°	0.0	3.7	5.2	9.5	21.8	43.9	76.6	117.6	165.6	225.3	248.2
5°	0.0	3.7	5.3	9.4	21.4	43.1	76.1	118.9	167.2	227.6	249.6
2.5°	0.0	3.7	5.4	9.3	20.9	41.9	75.2	119.8	168.1	228.9	250.6
0°	0.0	3.7	5.5	9.2	20.3	40.6	73.9	120.1	168.1	229.1	251.3
-2.5°	0.0	3.7	5.4	9.3	20.9	41.9	75.2	119.8	168.1	228.9	250.6
-5°	0.0	3.7	5.3	9.4	21.4	43.1	76.1	118.9	167.2	227.6	249.6
-7.5°	0.0	3.7	5.2	9.5	21.8	43.9	76.6	117.6	165.6	225.3	248.2
-10°	0.0	3.6	5.1	9.5	22.1	44.6	76.8	115.8	163.2	221.8	246.5
-12.5°	0.0	3.6	5.0	9.5	22.2	44.9	76.6	113.7	160.0	216.1	237.0
-15°	0.0	3.6	4.9	9.4	22.2	45.0	76.1	111.3	153.6	201.1	223.7
-17.5°	0.0	3.5	4.8	9.3	22.1	44.7	75.2	106.7	143.7	186.1	210.0
-20°	0.0	3.5	4.7	9.2	21.8	44.2	72.7	100.3	133.6	171.3	196.1



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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	3.4	4.6	9.0	21.3	43.3	68.0	93.7	123.3	156.9	181.9
-25°	0.0	3.4	4.5	8.7	20.6	40.8	63.2	86.9	112.9	143.0	167.5
-27.5°	0.0	3.3	4.4	8.4	19.8	37.6	58.3	80.0	102.6	129.9	150.5
-30°	0.0	3.2	4.4	8.0	18.7	34.3	53.3	73.0	93.4	117.3	134.7
-32.5°	0.0	3.1	4.3	7.6	17.0	31.0	48.3	66.5	84.9	105.0	120.4
-35°	0.0	3.0	4.2	7.1	15.3	27.6	43.8	60.2	76.4	93.1	107.7
-37.5°	0.0	2.9	4.1	6.5	13.5	24.6	39.4	54.1	68.0	81.7	97.7
-40°	0.0	2.8	4.0	5.9	11.7	22.2	35.1	48.0	59.8	71.8	87.2
-42.5°	0.0	2.7	4.0	5.2	10.4	19.9	30.9	42.1	52.5	63.9	77.2
-45°	0.0	2.6	3.9	4.6	9.4	17.5	26.7	36.7	45.9	56.4	67.6
-47.5°	0.0	2.5	3.9	3.9	8.5	15.2	22.6	31.9	39.6	49.0	59.6
-50°	0.0	2.4	3.8	3.7	7.6	12.8	19.6	27.3	34.3	43.2	51.7
-52.5°	0.0	2.3	3.8	3.7	6.6	10.5	17.0	22.9	29.7	37.4	44.3
-55°	0.0	2.1	3.7	3.7	5.6	9.2	14.4	18.7	25.4	31.7	38.2
-57.5°	0.0	2.0	3.7	3.7	4.7	8.0	11.8	16.0	21.0	26.8	32.2
-60°	0.0	1.8	3.7	3.7	3.7	6.7	9.4	13.4	17.0	22.1	26.7
-62.5°	0.0	1.7	3.4	3.7	3.7	5.5	8.0	10.9	14.2	17.5	21.8
-65°	0.0	1.6	3.1	3.7	3.7	4.3	6.6	8.6	11.4	14.2	16.9
-67.5°	0.0	1.4	2.8	3.7	3.7	3.7	5.3	7.1	8.6	11.1	13.3
-70°	0.0	1.3	2.5	3.7	3.7	3.7	3.9	5.6	7.0	8.1	10.1
-72.5°	0.0	1.1	2.2	3.3	3.7	3.7	3.7	4.1	5.4	6.5	7.3
-75°	0.0	1.0	1.9	2.9	3.7	3.7	3.7	3.7	3.8	4.9	5.7
-77.5°	0.0	0.8	1.6	2.4	3.2	3.7	3.7	3.7	3.7	3.7	4.1
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.7	3.7	3.7	3.7	3.7
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.7	3.7	3.7
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.1	1.3	1.4	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





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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°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
80°	3.6	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.9	8.9
77.5°	4.8	5.5	6.2	6.9	7.7	9.1	10.3	11.3	12.6	14.1	15.6
75°	6.5	7.3	9.1	11.1	13.0	14.4	15.8	17.8	20.2	23.0	25.6
72.5°	8.9	11.1	13.5	16.1	19.2	21.9	24.4	26.8	30.8	35.1	38.4
70°	12.2	14.9	18.7	23.0	26.9	30.4	35.4	41.4	47.5	50.6	52.4
67.5°	15.7	20.2	24.8	29.9	35.4	41.1	48.1	54.6	60.8	63.3	65.7
65°	20.4	25.5	31.2	37.3	43.7	50.6	57.8	65.1	71.6	74.8	78.6
62.5°	25.2	31.2	37.8	44.7	51.7	59.2	67.9	75.2	80.8	87.4	95.2
60°	31.0	36.9	44.4	52.1	60.2	70.6	79.3	87.5	94.9	102.5	114.2
57.5°	37.0	42.8	51.1	60.2	71.3	83.3	93.1	101.9	112.2	123.1	134.9
55°	43.6	48.8	58.3	69.4	82.2	96.4	108.0	120.0	131.9	141.6	152.1
52.5°	51.2	56.0	65.8	78.7	93.6	109.4	124.8	137.4	148.5	159.1	171.0
50°	59.2	65.1	73.2	88.7	105.2	123.1	140.6	153.3	165.8	178.3	191.7
47.5°	68.4	75.0	81.8	98.5	117.2	135.7	153.8	169.9	183.8	200.4	215.8
45°	78.4	86.3	93.5	109.0	128.3	147.0	167.1	186.5	206.1	225.7	250.3
42.5°	89.0	97.6	106.8	118.8	138.1	158.9	180.4	206.2	231.1	258.4	290.3
40°	99.4	108.9	119.9	130.8	147.9	170.9	197.2	226.2	261.2	296.6	335.2
37.5°	109.5	120.5	132.3	143.6	158.6	184.6	213.6	250.5	292.7	337.5	386.7
35°	119.4	131.5	143.6	156.9	173.8	199.1	234.8	276.7	327.3	383.8	428.8
32.5°	129.1	142.1	154.4	170.4	191.2	217.2	255.2	307.9	366.4	423.6	453.7
30°	141.2	151.7	165.1	183.1	208.3	241.3	282.6	339.5	405.8	445.0	472.9
27.5°	157.4	161.2	176.3	197.4	225.8	265.0	316.4	375.5	430.4	464.7	489.8
25°	173.3	177.2	186.8	211.8	246.9	293.1	350.7	418.1	450.7	479.7	508.7
22.5°	188.6	192.7	204.7	225.4	267.2	321.6	388.7	447.6	478.7	497.2	528.6
20°	202.9	209.2	224.0	248.0	288.1	348.7	425.5	475.0	504.6	526.8	555.8
17.5°	216.7	225.4	243.6	272.7	317.4	379.1	458.9	502.3	531.1	552.6	588.5
15°	230.0	241.3	262.4	295.9	344.8	411.6	481.3	524.6	555.7	576.9	618.8
12.5°	243.0	256.6	280.4	317.4	369.5	440.0	500.2	539.1	570.1	602.4	645.7
10°	255.5	271.6	297.5	337.3	391.5	464.5	516.0	550.7	581.7	622.7	668.0
7.5°	257.4	279.1	311.6	355.7	411.1	485.2	529.0	559.8	593.4	641.4	688.1
5°	257.4	278.5	312.6	360.5	420.4	497.4	538.2	566.7	604.7	658.0	706.1
2.5°	257.2	277.2	312.9	362.0	422.8	498.7	539.5	568.5	611.2	674.3	722.6
0°	256.8	275.3	312.2	362.1	423.1	497.0	539.5	569.1	615.2	689.1	737.2
-2.5°	257.2	277.2	312.9	362.0	422.8	498.7	539.5	568.5	611.2	674.3	722.6
-5°	257.4	278.5	312.6	360.5	420.4	497.4	538.2	566.7	604.7	658.0	706.1
-7.5°	257.4	279.1	311.6	355.7	411.1	485.2	529.0	559.8	593.4	641.4	688.1
-10°	255.5	271.6	297.5	337.3	391.5	464.5	516.0	550.7	581.7	622.7	668.0
-12.5°	243.0	256.6	280.4	317.4	369.5	440.0	500.2	539.1	570.1	602.4	645.7
-15°	230.0	241.3	262.4	295.9	344.8	411.6	481.3	524.6	555.7	576.9	618.8
-17.5°	216.7	225.4	243.6	272.7	317.4	379.1	458.9	502.3	531.1	552.6	588.5
-20°	202.9	209.2	224.0	248.0	288.1	348.7	425.5	475.0	504.6	526.8	555.8



REPORT NUMBER: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	188.6	192.7	204.7	225.4	267.2	321.6	388.7	447.6	478.7	497.2	528.6
-25°	173.3	177.2	186.8	211.8	246.9	293.1	350.7	418.1	450.7	479.7	508.7
-27.5°	157.4	161.2	176.3	197.4	225.8	265.0	316.4	375.5	430.4	464.7	489.8
-30°	141.2	151.7	165.1	183.1	208.3	241.3	282.6	339.5	405.8	445.0	472.9
-32.5°	129.1	142.1	154.4	170.4	191.2	217.2	255.2	307.9	366.4	423.6	453.7
-35°	119.4	131.5	143.6	156.9	173.8	199.1	234.8	276.7	327.3	383.8	428.8
-37.5°	109.5	120.5	132.3	143.6	158.6	184.6	213.6	250.5	292.7	337.5	386.7
-40°	99.4	108.9	119.9	130.8	147.9	170.9	197.2	226.2	261.2	296.6	335.2
-42.5°	89.0	97.6	106.8	118.8	138.1	158.9	180.4	206.2	231.1	258.4	290.3
-45°	78.4	86.3	93.5	109.0	128.3	147.0	167.1	186.5	206.1	225.7	250.3
-47.5°	68.4	75.0	81.8	98.5	117.2	135.7	153.8	169.9	183.8	200.4	215.8
-50°	59.2	65.1	73.2	88.7	105.2	123.1	140.6	153.3	165.8	178.3	191.7
-52.5°	51.2	56.0	65.8	78.7	93.6	109.4	124.8	137.4	148.5	159.1	171.0
-55°	43.6	48.8	58.3	69.4	82.2	96.4	108.0	120.0	131.9	141.6	152.1
-57.5°	37.0	42.8	51.1	60.2	71.3	83.3	93.1	101.9	112.2	123.1	134.9
-60°	31.0	36.9	44.4	52.1	60.2	70.6	79.3	87.5	94.9	102.5	114.2
-62.5°	25.2	31.2	37.8	44.7	51.7	59.2	67.9	75.2	80.8	87.4	95.2
-65°	20.4	25.5	31.2	37.3	43.7	50.6	57.8	65.1	71.6	74.8	78.6
-67.5°	15.7	20.2	24.8	29.9	35.4	41.1	48.1	54.6	60.8	63.3	65.7
-70°	12.2	14.9	18.7	23.0	26.9	30.4	35.4	41.4	47.5	50.6	52.4
-72.5°	8.9	11.1	13.5	16.1	19.2	21.9	24.4	26.8	30.8	35.1	38.4
-75°	6.5	7.3	9.1	11.1	13.0	14.4	15.8	17.8	20.2	23.0	25.6
-77.5°	4.8	5.5	6.2	6.9	7.7	9.1	10.3	11.3	12.6	14.1	15.6
-80°	3.6	3.7	4.2	4.8	5.3	5.8	6.3	6.7	7.2	7.9	8.9
-82.5°	3.4	3.2	3.2	3.2	3.4	3.6	3.8	4.1	4.5	4.8	5.1
-85°	3.0	2.8	2.4	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
-87.5°	1.5	1.4	1.2	1.0	1.1	1.2	1.2	1.3	1.3	1.4	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: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
82.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.0	7.1	7.2
80°	9.9	10.7	11.2	11.7	12.0	13.4	15.0	16.7	18.4	19.1	19.5
77.5°	17.6	18.9	19.7	20.3	20.8	23.6	27.3	31.2	35.2	37.3	39.0
75°	28.1	29.6	30.6	31.3	31.7	36.2	42.7	49.6	56.7	60.4	63.1
72.5°	40.5	41.8	42.8	43.7	44.3	50.8	62.6	75.5	89.1	97.5	103.6
70°	54.0	55.5	56.7	57.7	58.4	66.3	83.4	101.4	120.0	138.6	158.3
67.5°	68.3	71.4	73.0	73.9	74.9	81.6	99.9	116.7	132.4	165.9	218.8
65°	83.9	91.0	94.0	95.7	96.3	99.4	115.0	129.1	141.8	168.0	208.3
62.5°	103.8	113.2	117.5	119.4	120.5	120.7	133.5	145.3	156.2	172.5	198.1
60°	125.2	135.3	140.6	142.1	143.0	143.5	153.6	165.3	176.1	189.4	213.4
57.5°	144.8	154.2	162.1	165.3	167.8	169.5	178.5	192.2	205.0	218.3	244.1
55°	163.5	175.0	186.0	192.0	197.7	202.6	211.4	228.8	245.3	260.9	287.6
52.5°	183.9	198.7	213.3	224.2	234.9	244.3	253.9	276.3	298.3	319.1	345.1
50°	208.3	226.5	247.8	265.7	281.1	296.2	309.8	336.4	366.3	394.6	421.9
47.5°	239.2	263.2	290.4	315.9	336.8	360.3	381.6	408.9	435.3	461.6	484.2
45°	277.0	310.3	341.7	375.6	405.3	420.9	433.2	450.3	477.4	503.3	524.4
42.5°	325.5	364.3	402.9	428.0	447.2	459.8	468.8	477.7	506.2	531.2	551.6
40°	379.5	418.4	442.1	462.8	476.1	487.3	501.4	515.3	537.6	563.2	585.9
37.5°	426.2	451.1	472.0	488.3	504.3	519.3	539.5	559.5	580.8	609.5	630.6
35°	455.0	476.9	498.1	518.5	539.0	562.0	587.4	616.7	642.8	619.1	584.9
32.5°	476.9	499.4	525.1	556.5	584.8	616.2	647.9	596.9	544.5	524.1	528.3
30°	496.0	522.2	557.6	598.5	637.8	623.8	554.1	529.6	536.8	551.2	578.8
27.5°	516.5	549.1	592.1	642.6	611.6	534.4	538.4	552.6	600.4	641.0	702.7
25°	540.8	580.1	633.5	610.2	539.3	546.7	582.5	636.5	727.7	812.7	887.0
22.5°	569.9	620.1	627.1	539.4	549.1	595.9	668.5	785.5	896.3	999.0	1075.6
20°	599.6	657.4	568.6	550.0	591.1	674.7	809.6	944.0	1067.6	1159.4	1236.2
17.5°	635.1	614.7	551.9	571.6	654.8	799.1	951.0	1093.4	1209.9	1368.8	1504.0
15°	666.3	573.6	562.0	627.1	752.2	914.6	1079.6	1207.5	1418.1	1645.7	1875.9
12.5°	648.4	559.1	580.0	676.4	840.9	1016.5	1162.4	1364.8	1643.4	1975.9	2475.5
10°	622.0	567.2	618.6	744.7	916.9	1087.9	1239.4	1504.8	1872.5	2483.2	3270.0
7.5°	601.6	570.8	644.0	797.1	973.3	1131.0	1333.0	1654.9	2167.4	3005.2	4680.3
5°	586.1	570.7	655.7	827.4	1006.8	1160.8	1390.8	1763.9	2456.3	3650.0	6512.4
2.5°	579.2	567.7	659.0	843.7	1023.1	1177.4	1426.7	1842.3	2638.7	4249.0	8563.5
0°	583.8	561.7	657.7	849.9	1032.8	1175.1	1431.9	1866.0	2693.8	4470.2	8838.8
-2.5°	579.2	567.7	659.0	843.7	1023.1	1177.4	1426.7	1842.3	2638.7	4249.0	8563.5
-5°	586.1	570.7	655.7	827.4	1006.8	1160.8	1390.8	1763.9	2456.3	3650.0	6512.4
-7.5°	601.6	570.8	644.0	797.1	973.3	1131.0	1333.0	1654.9	2167.4	3005.2	4680.3
-10°	622.0	567.2	618.6	744.7	916.9	1087.9	1239.4	1504.8	1872.5	2483.2	3270.0
-12.5°	648.4	559.1	580.0	676.4	840.9	1016.5	1162.4	1364.8	1643.4	1975.9	2475.5
-15°	666.3	573.6	562.0	627.1	752.2	914.6	1079.6	1207.5	1418.1	1645.7	1875.9
-17.5°	635.1	614.7	551.9	571.6	654.8	799.1	951.0	1093.4	1209.9	1368.8	1504.0
-20°	599.6	657.4	568.6	550.0	591.1	674.7	809.6	944.0	1067.6	1159.4	1236.2



REPORT NUMBER: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	569.9	620.1	627.1	539.4	549.1	595.9	668.5	785.5	896.3	999.0	1075.6
-25°	540.8	580.1	633.5	610.2	539.3	546.7	582.5	636.5	727.7	812.7	887.0
-27.5°	516.5	549.1	592.1	642.6	611.6	534.4	538.4	552.6	600.4	641.0	702.7
-30°	496.0	522.2	557.6	598.5	637.8	623.8	554.1	529.6	536.8	551.2	578.8
-32.5°	476.9	499.4	525.1	556.5	584.8	616.2	647.9	596.9	544.5	524.1	528.3
-35°	455.0	476.9	498.1	518.5	539.0	562.0	587.4	616.7	642.8	619.1	584.9
-37.5°	426.2	451.1	472.0	488.3	504.3	519.3	539.5	559.5	580.8	609.5	630.6
-40°	379.5	418.4	442.1	462.8	476.1	487.3	501.4	515.3	537.6	563.2	585.9
-42.5°	325.5	364.3	402.9	428.0	447.2	459.8	468.8	477.7	506.2	531.2	551.6
-45°	277.0	310.3	341.7	375.6	405.3	420.9	433.2	450.3	477.4	503.3	524.4
-47.5°	239.2	263.2	290.4	315.9	336.8	360.3	381.6	408.9	435.3	461.6	484.2
-50°	208.3	226.5	247.8	265.7	281.1	296.2	309.8	336.4	366.3	394.6	421.9
-52.5°	183.9	198.7	213.3	224.2	234.9	244.3	253.9	276.3	298.3	319.1	345.1
-55°	163.5	175.0	186.0	192.0	197.7	202.6	211.4	228.8	245.3	260.9	287.6
-57.5°	144.8	154.2	162.1	165.3	167.8	169.5	178.5	192.2	205.0	218.3	244.1
-60°	125.2	135.3	140.6	142.1	143.0	143.5	153.6	165.3	176.1	189.4	213.4
-62.5°	103.8	113.2	117.5	119.4	120.5	120.7	133.5	145.3	156.2	172.5	198.1
-65°	83.9	91.0	94.0	95.7	96.3	99.4	115.0	129.1	141.8	168.0	208.3
-67.5°	68.3	71.4	73.0	73.9	74.9	81.6	99.9	116.7	132.4	165.9	218.8
-70°	54.0	55.5	56.7	57.7	58.4	66.3	83.4	101.4	120.0	138.6	158.3
-72.5°	40.5	41.8	42.8	43.7	44.3	50.8	62.6	75.5	89.1	97.5	103.6
-75°	28.1	29.6	30.6	31.3	31.7	36.2	42.7	49.6	56.7	60.4	63.1
-77.5°	17.6	18.9	19.7	20.3	20.8	23.6	27.3	31.2	35.2	37.3	39.0
-80°	9.9	10.7	11.2	11.7	12.0	13.4	15.0	16.7	18.4	19.1	19.5
-82.5°	5.4	5.7	5.9	6.1	6.4	6.6	6.7	6.9	7.0	7.1	7.2
-85°	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.6	3.6
-87.5°	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
-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: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
82.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.1	7.0	6.9
80°	19.9	20.1	19.4	18.5	19.4	20.1	19.9	19.5	19.1	18.4	16.7
77.5°	40.6	42.0	40.6	38.8	40.6	42.0	40.6	39.0	37.3	35.2	31.2
75°	65.5	67.7	66.5	64.7	66.5	67.7	65.5	63.1	60.4	56.7	49.6
72.5°	109.4	114.7	113.5	110.9	113.5	114.7	109.4	103.6	97.5	89.1	75.5
70°	179.1	200.1	199.2	194.0	199.2	200.1	179.1	158.3	138.6	120.0	101.4
67.5°	276.1	335.6	354.6	364.0	354.6	335.6	276.1	218.8	165.9	132.4	116.7
65°	245.9	281.9	296.1	306.7	296.1	281.9	245.9	208.3	168.0	141.8	129.1
62.5°	221.1	242.5	247.1	247.6	247.1	242.5	221.1	198.1	172.5	156.2	145.3
60°	236.7	259.4	262.8	258.7	262.8	259.4	236.7	213.4	189.4	176.1	165.3
57.5°	268.8	292.6	296.9	291.9	296.9	292.6	268.8	244.1	218.3	205.0	192.2
55°	313.2	337.2	345.1	343.6	345.1	337.2	313.2	287.6	260.9	245.3	228.8
52.5°	369.9	392.0	401.2	400.9	401.2	392.0	369.9	345.1	319.1	298.3	276.3
50°	445.7	465.5	475.3	476.7	475.3	465.5	445.7	421.9	394.6	366.3	336.4
47.5°	500.3	513.3	520.1	521.0	520.1	513.3	500.3	484.2	461.6	435.3	408.9
45°	533.8	540.8	546.1	550.6	546.1	540.8	533.8	524.4	503.3	477.4	450.3
42.5°	565.3	579.8	590.6	593.1	590.6	579.8	565.3	551.6	531.2	506.2	477.7
40°	607.5	627.6	646.9	667.0	646.9	627.6	607.5	585.9	563.2	537.6	515.3
37.5°	652.5	674.9	693.4	703.9	693.4	674.9	652.5	630.6	609.5	580.8	559.5
35°	560.8	546.1	537.4	533.9	537.4	546.1	560.8	584.9	619.1	642.8	616.7
32.5°	530.8	531.8	530.1	526.6	530.1	531.8	530.8	528.3	524.1	544.5	596.9
30°	599.3	609.1	610.3	609.7	610.3	609.1	599.3	578.8	551.2	536.8	529.6
27.5°	748.2	773.2	780.9	796.3	780.9	773.2	748.2	702.7	641.0	600.4	552.6
25°	944.5	982.2	1000.3	1006.9	1000.3	982.2	944.5	887.0	812.7	727.7	636.5
22.5°	1119.0	1147.7	1164.6	1178.7	1164.6	1147.7	1119.0	1075.6	999.0	896.3	785.5
20°	1325.8	1378.2	1402.3	1404.2	1402.3	1378.2	1325.8	1236.2	1159.4	1067.6	944.0
17.5°	1648.6	1750.8	1801.8	1816.2	1801.8	1750.8	1648.6	1504.0	1368.8	1209.9	1093.4
15°	2157.8	2418.6	2552.8	2616.2	2552.8	2418.6	2157.8	1875.9	1645.7	1418.1	1207.5
12.5°	2988.6	3576.5	4052.0	4231.0	4052.0	3576.5	2988.6	2475.5	1975.9	1643.4	1364.8
10°	4634.6	6390.4	8441.6	9398.6	8441.6	6390.4	4634.6	3270.0	2483.2	1872.5	1504.8
7.5°	8966.1	20817.6	40348.1	49664.6	40348.1	20817.6	8966.1	4680.3	3005.2	2167.4	1654.9
5°	19111.5	82479.2	147709.9	173497.9	147709.9	82479.2	19111.5	6512.4	3650.0	2456.3	1763.9
2.5°	30440.5	135276.6	255245.2	298456.5	255245.2	135276.6	30440.5	8563.5	4249.0	2638.7	1842.3
0°	36370.3	142556.6	281657.5	324773.2	281657.5	142556.6	36370.3	8838.8	4470.2	2693.8	1866.0
-2.5°	30440.5	135276.6	255245.2	298456.4	255245.2	135276.6	30440.5	8563.5	4249.0	2638.7	1842.3
-5°	19111.5	82479.2	147709.9	173497.9	147709.9	82479.2	19111.5	6512.4	3650.0	2456.3	1763.9
-7.5°	8966.1	20817.6	40348.1	49664.6	40348.1	20817.6	8966.1	4680.3	3005.2	2167.4	1654.9
-10°	4634.6	6390.4	8441.6	9398.6	8441.6	6390.4	4634.6	3270.0	2483.2	1872.5	1504.8
-12.5°	2988.6	3576.5	4052.0	4231.0	4052.0	3576.5	2988.6	2475.5	1975.9	1643.4	1364.8
-15°	2157.8	2418.6	2552.8	2616.2	2552.8	2418.6	2157.8	1875.9	1645.7	1418.1	1207.5
-17.5°	1648.6	1750.8	1801.8	1816.2	1801.8	1750.8	1648.6	1504.0	1368.8	1209.9	1093.4
-20°	1325.8	1378.2	1402.3	1404.2	1402.3	1378.2	1325.8	1236.2	1159.4	1067.6	944.0



REPORT NUMBER: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1119.0	1147.7	1164.6	1178.7	1164.6	1147.7	1119.0	1075.6	999.0	896.3	785.5
-25°	944.5	982.2	1000.3	1006.9	1000.3	982.2	944.5	887.0	812.7	727.7	636.5
-27.5°	748.2	773.2	780.9	796.3	780.9	773.2	748.2	702.7	641.0	600.4	552.6
-30°	599.3	609.1	610.3	609.7	610.3	609.1	599.3	578.8	551.2	536.8	529.6
-32.5°	530.8	531.8	530.1	526.6	530.1	531.8	530.8	528.3	524.1	544.5	596.9
-35°	560.8	546.1	537.4	533.9	537.4	546.1	560.8	584.9	619.1	642.8	616.7
-37.5°	652.5	674.9	693.4	703.9	693.4	674.9	652.5	630.6	609.5	580.8	559.5
-40°	607.5	627.6	646.9	667.0	646.9	627.6	607.5	585.9	563.2	537.6	515.3
-42.5°	565.3	579.8	590.6	593.1	590.6	579.8	565.3	551.6	531.2	506.2	477.7
-45°	533.8	540.8	546.1	550.6	546.1	540.8	533.8	524.4	503.3	477.4	450.3
-47.5°	500.3	513.3	520.1	521.0	520.1	513.3	500.3	484.2	461.6	435.3	408.9
-50°	445.7	465.5	475.3	476.7	475.3	465.5	445.7	421.9	394.6	366.3	336.4
-52.5°	369.9	392.0	401.2	400.9	401.2	392.0	369.9	345.1	319.1	298.3	276.3
-55°	313.2	337.2	345.1	343.6	345.1	337.2	313.2	287.6	260.9	245.3	228.8
-57.5°	268.8	292.6	296.9	291.9	296.9	292.6	268.8	244.1	218.3	205.0	192.2
-60°	236.7	259.4	262.8	258.7	262.8	259.4	236.7	213.4	189.4	176.1	165.3
-62.5°	221.1	242.5	247.1	247.6	247.1	242.5	221.1	198.1	172.5	156.2	145.3
-65°	245.9	281.9	296.1	306.7	296.1	281.9	245.9	208.3	168.0	141.8	129.1
-67.5°	276.1	335.6	354.6	364.0	354.6	335.6	276.1	218.8	165.9	132.4	116.7
-70°	179.1	200.1	199.2	194.0	199.2	200.1	179.1	158.3	138.6	120.0	101.4
-72.5°	109.4	114.7	113.5	110.9	113.5	114.7	109.4	103.6	97.5	89.1	75.5
-75°	65.5	67.7	66.5	64.7	66.5	67.7	65.5	63.1	60.4	56.7	49.6
-77.5°	40.6	42.0	40.6	38.8	40.6	42.0	40.6	39.0	37.3	35.2	31.2
-80°	19.9	20.1	19.4	18.5	19.4	20.1	19.9	19.5	19.1	18.4	16.7
-82.5°	7.3	7.4	7.4	7.4	7.4	7.4	7.3	7.2	7.1	7.0	6.9
-85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5
-87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	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



REPORT NUMBER: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
82.5°	6.7	6.6	6.4	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.1
80°	15.0	13.4	12.0	11.7	11.2	10.7	9.9	8.9	7.9	7.2	6.7
77.5°	27.3	23.6	20.8	20.3	19.7	18.9	17.6	15.6	14.1	12.6	11.3
75°	42.7	36.2	31.7	31.3	30.6	29.6	28.1	25.6	23.0	20.2	17.8
72.5°	62.6	50.8	44.3	43.7	42.8	41.8	40.5	38.4	35.1	30.8	26.8
70°	83.4	66.3	58.4	57.7	56.7	55.5	54.0	52.4	50.6	47.5	41.4
67.5°	99.9	81.6	74.9	73.9	73.0	71.4	68.3	65.7	63.3	60.8	54.6
65°	115.0	99.4	96.3	95.7	94.0	91.0	83.9	78.6	74.8	71.6	65.1
62.5°	133.5	120.7	120.5	119.4	117.5	113.2	103.8	95.2	87.4	80.8	75.2
60°	153.6	143.5	143.0	142.1	140.6	135.3	125.2	114.2	102.5	94.9	87.5
57.5°	178.5	169.5	167.8	165.3	162.1	154.2	144.8	134.9	123.1	112.2	101.9
55°	211.4	202.6	197.7	192.0	186.0	175.0	163.5	152.1	141.6	131.9	120.0
52.5°	253.9	244.3	234.9	224.2	213.3	198.7	183.9	171.0	159.1	148.5	137.4
50°	309.8	296.2	281.1	265.7	247.8	226.5	208.3	191.7	178.3	165.8	153.3
47.5°	381.6	360.3	336.8	315.9	290.4	263.2	239.2	215.8	200.4	183.8	169.9
45°	433.2	420.9	405.3	375.6	341.7	310.3	277.0	250.3	225.7	206.1	186.5
42.5°	468.8	459.8	447.2	428.0	402.9	364.3	325.5	290.3	258.4	231.1	206.2
40°	501.4	487.3	476.1	462.8	442.1	418.4	379.5	335.2	296.6	261.2	226.2
37.5°	539.5	519.3	504.3	488.3	472.0	451.1	426.2	386.7	337.5	292.7	250.5
35°	587.4	562.0	539.0	518.5	498.1	476.9	455.0	428.8	383.8	327.3	276.7
32.5°	647.9	616.2	584.8	556.5	525.1	499.4	476.9	453.7	423.6	366.4	307.9
30°	554.1	623.8	637.8	598.5	557.6	522.2	496.0	472.9	445.0	405.8	339.5
27.5°	538.4	534.4	611.6	642.6	592.1	549.1	516.5	489.8	464.7	430.4	375.5
25°	582.5	546.7	539.3	610.2	633.5	580.1	540.8	508.7	479.7	450.7	418.1
22.5°	668.5	595.9	549.1	539.4	627.1	620.1	569.9	528.6	497.2	478.7	447.6
20°	809.6	674.7	591.1	550.0	568.6	657.4	599.6	555.8	526.8	504.6	475.0
17.5°	951.0	799.1	654.8	571.6	551.9	614.7	635.1	588.5	552.6	531.1	502.3
15°	1079.6	914.6	752.2	627.1	562.0	573.6	666.3	618.8	576.9	555.7	524.6
12.5°	1162.4	1016.5	840.9	676.4	580.0	559.1	648.4	645.7	602.4	570.1	539.1
10°	1239.4	1087.9	916.9	744.7	618.6	567.2	622.0	668.0	622.7	581.7	550.7
7.5°	1333.0	1131.0	973.3	797.1	644.0	570.8	601.6	688.1	641.4	593.4	559.8
5°	1390.8	1160.8	1006.8	827.4	655.7	570.7	586.1	706.1	658.0	604.7	566.7
2.5°	1426.7	1177.4	1023.1	843.7	659.0	567.7	579.2	722.6	674.3	611.2	568.5
0°	1431.9	1175.1	1032.8	849.9	657.7	561.7	583.8	737.2	689.1	615.2	569.1
-2.5°	1426.7	1177.4	1023.1	843.7	659.0	567.7	579.2	722.6	674.3	611.2	568.5
-5°	1390.8	1160.8	1006.8	827.4	655.7	570.7	586.1	706.1	658.0	604.7	566.7
-7.5°	1333.0	1131.0	973.3	797.1	644.0	570.8	601.6	688.1	641.4	593.4	559.8
-10°	1239.4	1087.9	916.9	744.7	618.6	567.2	622.0	668.0	622.7	581.7	550.7
-12.5°	1162.4	1016.5	840.9	676.4	580.0	559.1	648.4	645.7	602.4	570.1	539.1
-15°	1079.6	914.6	752.2	627.1	562.0	573.6	666.3	618.8	576.9	555.7	524.6
-17.5°	951.0	799.1	654.8	571.6	551.9	614.7	635.1	588.5	552.6	531.1	502.3
-20°	809.6	674.7	591.1	550.0	568.6	657.4	599.6	555.8	526.8	504.6	475.0





REPORT NUMBER: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	668.5	595.9	549.1	539.4	627.1	620.1	569.9	528.6	497.2	478.7	447.6
-25°	582.5	546.7	539.3	610.2	633.5	580.1	540.8	508.7	479.7	450.7	418.1
-27.5°	538.4	534.4	611.6	642.6	592.1	549.1	516.5	489.8	464.7	430.4	375.5
-30°	554.1	623.8	637.8	598.5	557.6	522.2	496.0	472.9	445.0	405.8	339.5
-32.5°	647.9	616.2	584.8	556.5	525.1	499.4	476.9	453.7	423.6	366.4	307.9
-35°	587.4	562.0	539.0	518.5	498.1	476.9	455.0	428.8	383.8	327.3	276.7
-37.5°	539.5	519.3	504.3	488.3	472.0	451.1	426.2	386.7	337.5	292.7	250.5
-40°	501.4	487.3	476.1	462.8	442.1	418.4	379.5	335.2	296.6	261.2	226.2
-42.5°	468.8	459.8	447.2	428.0	402.9	364.3	325.5	290.3	258.4	231.1	206.2
-45°	433.2	420.9	405.3	375.6	341.7	310.3	277.0	250.3	225.7	206.1	186.5
-47.5°	381.6	360.3	336.8	315.9	290.4	263.2	239.2	215.8	200.4	183.8	169.9
-50°	309.8	296.2	281.1	265.7	247.8	226.5	208.3	191.7	178.3	165.8	153.3
-52.5°	253.9	244.3	234.9	224.2	213.3	198.7	183.9	171.0	159.1	148.5	137.4
-55°	211.4	202.6	197.7	192.0	186.0	175.0	163.5	152.1	141.6	131.9	120.0
-57.5°	178.5	169.5	167.8	165.3	162.1	154.2	144.8	134.9	123.1	112.2	101.9
-60°	153.6	143.5	143.0	142.1	140.6	135.3	125.2	114.2	102.5	94.9	87.5
-62.5°	133.5	120.7	120.5	119.4	117.5	113.2	103.8	95.2	87.4	80.8	75.2
-65°	115.0	99.4	96.3	95.7	94.0	91.0	83.9	78.6	74.8	71.6	65.1
-67.5°	99.9	81.6	74.9	73.9	73.0	71.4	68.3	65.7	63.3	60.8	54.6
-70°	83.4	66.3	58.4	57.7	56.7	55.5	54.0	52.4	50.6	47.5	41.4
-72.5°	62.6	50.8	44.3	43.7	42.8	41.8	40.5	38.4	35.1	30.8	26.8
-75°	42.7	36.2	31.7	31.3	30.6	29.6	28.1	25.6	23.0	20.2	17.8
-77.5°	27.3	23.6	20.8	20.3	19.7	18.9	17.6	15.6	14.1	12.6	11.3
-80°	15.0	13.4	12.0	11.7	11.2	10.7	9.9	8.9	7.9	7.2	6.7
-82.5°	6.7	6.6	6.4	6.1	5.9	5.7	5.4	5.1	4.8	4.5	4.1
-85°	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
-87.5°	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.3
-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: P559041 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	1.1
85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
80°	6.3	5.8	5.3	4.8	4.2	3.7	3.6	3.7	3.7	3.7	3.7
77.5°	10.3	9.1	7.7	6.9	6.2	5.5	4.8	4.1	3.7	3.7	3.7
75°	15.8	14.4	13.0	11.1	9.1	7.3	6.5	5.7	4.9	3.8	3.7
72.5°	24.4	21.9	19.2	16.1	13.5	11.1	8.9	7.3	6.5	5.4	4.1
70°	35.4	30.4	26.9	23.0	18.7	14.9	12.2	10.1	8.1	7.0	5.6
67.5°	48.1	41.1	35.4	29.9	24.8	20.2	15.7	13.3	11.1	8.6	7.1
65°	57.8	50.6	43.7	37.3	31.2	25.5	20.4	16.9	14.2	11.4	8.6
62.5°	67.9	59.2	51.7	44.7	37.8	31.2	25.2	21.8	17.5	14.2	10.9
60°	79.3	70.6	60.2	52.1	44.4	36.9	31.0	26.7	22.1	17.0	13.4
57.5°	93.1	83.3	71.3	60.2	51.1	42.8	37.0	32.2	26.8	21.0	16.0
55°	108.0	96.4	82.2	69.4	58.3	48.8	43.6	38.2	31.7	25.4	18.7
52.5°	124.8	109.4	93.6	78.7	65.8	56.0	51.2	44.3	37.4	29.7	22.9
50°	140.6	123.1	105.2	88.7	73.2	65.1	59.2	51.7	43.2	34.3	27.3
47.5°	153.8	135.7	117.2	98.5	81.8	75.0	68.4	59.6	49.0	39.6	31.9
45°	167.1	147.0	128.3	109.0	93.5	86.3	78.4	67.6	56.4	45.9	36.7
42.5°	180.4	158.9	138.1	118.8	106.8	97.6	89.0	77.2	63.9	52.5	42.1
40°	197.2	170.9	147.9	130.8	119.9	108.9	99.4	87.2	71.8	59.8	48.0
37.5°	213.6	184.6	158.6	143.6	132.3	120.5	109.5	97.7	81.7	68.0	54.1
35°	234.8	199.1	173.8	156.9	143.6	131.5	119.4	107.7	93.1	76.4	60.2
32.5°	255.2	217.2	191.2	170.4	154.4	142.1	129.1	120.4	105.0	84.9	66.5
30°	282.6	241.3	208.3	183.1	165.1	151.7	141.2	134.7	117.3	93.4	73.0
27.5°	316.4	265.0	225.8	197.4	176.3	161.2	157.4	150.5	129.9	102.6	80.0
25°	350.7	293.1	246.9	211.8	186.8	177.2	173.3	167.5	143.0	112.9	86.9
22.5°	388.7	321.6	267.2	225.4	204.7	192.7	188.6	181.9	156.9	123.3	93.7
20°	425.5	348.7	288.1	248.0	224.0	209.2	202.9	196.1	171.3	133.6	100.3
17.5°	458.9	379.1	317.4	272.7	243.6	225.4	216.7	210.0	186.1	143.7	106.7
15°	481.3	411.6	344.8	295.9	262.4	241.3	230.0	223.7	201.1	153.6	111.3
12.5°	500.2	440.0	369.5	317.4	280.4	256.6	243.0	237.0	216.1	160.0	113.7
10°	516.0	464.5	391.5	337.3	297.5	271.6	255.5	246.5	221.8	163.2	115.8
7.5°	529.0	485.2	411.1	355.7	311.6	279.1	257.4	248.2	225.3	165.6	117.6
5°	538.2	497.4	420.4	360.5	312.6	278.5	257.4	249.6	227.6	167.2	118.9
2.5°	539.5	498.7	422.8	362.0	312.9	277.2	257.2	250.6	228.9	168.1	119.8
0°	539.5	497.0	423.1	362.1	312.2	275.3	256.8	251.3	229.1	168.1	120.1
-2.5°	539.5	498.7	422.8	362.0	312.9	277.2	257.2	250.6	228.9	168.1	119.8
-5°	538.2	497.4	420.4	360.5	312.6	278.5	257.4	249.6	227.6	167.2	118.9
-7.5°	529.0	485.2	411.1	355.7	311.6	279.1	257.4	248.2	225.3	165.6	117.6
-10°	516.0	464.5	391.5	337.3	297.5	271.6	255.5	246.5	221.8	163.2	115.8
-12.5°	500.2	440.0	369.5	317.4	280.4	256.6	243.0	237.0	216.1	160.0	113.7
-15°	481.3	411.6	344.8	295.9	262.4	241.3	230.0	223.7	201.1	153.6	111.3
-17.5°	458.9	379.1	317.4	272.7	243.6	225.4	216.7	210.0	186.1	143.7	106.7
-20°	425.5	348.7	288.1	248.0	224.0	209.2	202.9	196.1	171.3	133.6	100.3



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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°	388.7	321.6	267.2	225.4	204.7	192.7	188.6	181.9	156.9	123.3	93.7
-25°	350.7	293.1	246.9	211.8	186.8	177.2	173.3	167.5	143.0	112.9	86.9
-27.5°	316.4	265.0	225.8	197.4	176.3	161.2	157.4	150.5	129.9	102.6	80.0
-30°	282.6	241.3	208.3	183.1	165.1	151.7	141.2	134.7	117.3	93.4	73.0
-32.5°	255.2	217.2	191.2	170.4	154.4	142.1	129.1	120.4	105.0	84.9	66.5
-35°	234.8	199.1	173.8	156.9	143.6	131.5	119.4	107.7	93.1	76.4	60.2
-37.5°	213.6	184.6	158.6	143.6	132.3	120.5	109.5	97.7	81.7	68.0	54.1
-40°	197.2	170.9	147.9	130.8	119.9	108.9	99.4	87.2	71.8	59.8	48.0
-42.5°	180.4	158.9	138.1	118.8	106.8	97.6	89.0	77.2	63.9	52.5	42.1
-45°	167.1	147.0	128.3	109.0	93.5	86.3	78.4	67.6	56.4	45.9	36.7
-47.5°	153.8	135.7	117.2	98.5	81.8	75.0	68.4	59.6	49.0	39.6	31.9
-50°	140.6	123.1	105.2	88.7	73.2	65.1	59.2	51.7	43.2	34.3	27.3
-52.5°	124.8	109.4	93.6	78.7	65.8	56.0	51.2	44.3	37.4	29.7	22.9
-55°	108.0	96.4	82.2	69.4	58.3	48.8	43.6	38.2	31.7	25.4	18.7
-57.5°	93.1	83.3	71.3	60.2	51.1	42.8	37.0	32.2	26.8	21.0	16.0
-60°	79.3	70.6	60.2	52.1	44.4	36.9	31.0	26.7	22.1	17.0	13.4
-62.5°	67.9	59.2	51.7	44.7	37.8	31.2	25.2	21.8	17.5	14.2	10.9
-65°	57.8	50.6	43.7	37.3	31.2	25.5	20.4	16.9	14.2	11.4	8.6
-67.5°	48.1	41.1	35.4	29.9	24.8	20.2	15.7	13.3	11.1	8.6	7.1
-70°	35.4	30.4	26.9	23.0	18.7	14.9	12.2	10.1	8.1	7.0	5.6
-72.5°	24.4	21.9	19.2	16.1	13.5	11.1	8.9	7.3	6.5	5.4	4.1
-75°	15.8	14.4	13.0	11.1	9.1	7.3	6.5	5.7	4.9	3.8	3.7
-77.5°	10.3	9.1	7.7	6.9	6.2	5.5	4.8	4.1	3.7	3.7	3.7
-80°	6.3	5.8	5.3	4.8	4.2	3.7	3.6	3.7	3.7	3.7	3.7
-82.5°	3.8	3.6	3.4	3.2	3.2	3.2	3.4	3.7	3.7	3.7	3.3
-85°	2.5	2.3	2.2	2.1	2.4	2.8	3.0	3.1	2.8	2.5	2.2
-87.5°	1.2	1.2	1.1	1.0	1.2	1.4	1.5	1.6	1.4	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
67.5°	5.3	3.7	3.7	3.7	2.8	1.4	0.0
65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
60°	9.4	6.7	3.7	3.7	3.7	1.8	0.0
57.5°	11.8	8.0	4.7	3.7	3.7	2.0	0.0
55°	14.4	9.2	5.6	3.7	3.7	2.1	0.0
52.5°	17.0	10.5	6.6	3.7	3.8	2.3	0.0
50°	19.6	12.8	7.6	3.7	3.8	2.4	0.0
47.5°	22.6	15.2	8.5	3.9	3.9	2.5	0.0
45°	26.7	17.5	9.4	4.6	3.9	2.6	0.0
42.5°	30.9	19.9	10.4	5.2	4.0	2.7	0.0
40°	35.1	22.2	11.7	5.9	4.0	2.8	0.0
37.5°	39.4	24.6	13.5	6.5	4.1	2.9	0.0
35°	43.8	27.6	15.3	7.1	4.2	3.0	0.0
32.5°	48.3	31.0	17.0	7.6	4.3	3.1	0.0
30°	53.3	34.3	18.7	8.0	4.4	3.2	0.0
27.5°	58.3	37.6	19.8	8.4	4.4	3.3	0.0
25°	63.2	40.8	20.6	8.7	4.5	3.4	0.0
22.5°	68.0	43.3	21.3	9.0	4.6	3.4	0.0
20°	72.7	44.2	21.8	9.2	4.7	3.5	0.0
17.5°	75.2	44.7	22.1	9.3	4.8	3.5	0.0
15°	76.1	45.0	22.2	9.4	4.9	3.6	0.0
12.5°	76.6	44.9	22.2	9.5	5.0	3.6	0.0
10°	76.8	44.6	22.1	9.5	5.1	3.6	0.0
7.5°	76.6	43.9	21.8	9.5	5.2	3.7	0.0
5°	76.1	43.1	21.4	9.4	5.3	3.7	0.0
2.5°	75.2	41.9	20.9	9.3	5.4	3.7	0.0
0°	73.9	40.6	20.3	9.2	5.5	3.7	0.0
-2.5°	75.2	41.9	20.9	9.3	5.4	3.7	0.0
-5°	76.1	43.1	21.4	9.4	5.3	3.7	0.0
-7.5°	76.6	43.9	21.8	9.5	5.2	3.7	0.0
-10°	76.8	44.6	22.1	9.5	5.1	3.6	0.0
-12.5°	76.6	44.9	22.2	9.5	5.0	3.6	0.0
-15°	76.1	45.0	22.2	9.4	4.9	3.6	0.0
-17.5°	75.2	44.7	22.1	9.3	4.8	3.5	0.0
-20°	72.7	44.2	21.8	9.2	4.7	3.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.0	43.3	21.3	9.0	4.6	3.4	0.0
-25°	63.2	40.8	20.6	8.7	4.5	3.4	0.0
-27.5°	58.3	37.6	19.8	8.4	4.4	3.3	0.0
-30°	53.3	34.3	18.7	8.0	4.4	3.2	0.0
-32.5°	48.3	31.0	17.0	7.6	4.3	3.1	0.0
-35°	43.8	27.6	15.3	7.1	4.2	3.0	0.0
-37.5°	39.4	24.6	13.5	6.5	4.1	2.9	0.0
-40°	35.1	22.2	11.7	5.9	4.0	2.8	0.0
-42.5°	30.9	19.9	10.4	5.2	4.0	2.7	0.0
-45°	26.7	17.5	9.4	4.6	3.9	2.6	0.0
-47.5°	22.6	15.2	8.5	3.9	3.9	2.5	0.0
-50°	19.6	12.8	7.6	3.7	3.8	2.4	0.0
-52.5°	17.0	10.5	6.6	3.7	3.8	2.3	0.0
-55°	14.4	9.2	5.6	3.7	3.7	2.1	0.0
-57.5°	11.8	8.0	4.7	3.7	3.7	2.0	0.0
-60°	9.4	6.7	3.7	3.7	3.7	1.8	0.0
-62.5°	8.0	5.5	3.7	3.7	3.4	1.7	0.0
-65°	6.6	4.3	3.7	3.7	3.1	1.6	0.0
-67.5°	5.3	3.7	3.7	3.7	2.8	1.4	0.0
-70°	3.9	3.7	3.7	3.7	2.5	1.3	0.0
-72.5°	3.7	3.7	3.7	3.3	2.2	1.1	0.0
-75°	3.7	3.7	3.7	2.9	1.9	1.0	0.0
-77.5°	3.7	3.7	3.2	2.4	1.6	0.8	0.0
-80°	3.7	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)