

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: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-927-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559105 (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-SA5E-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**

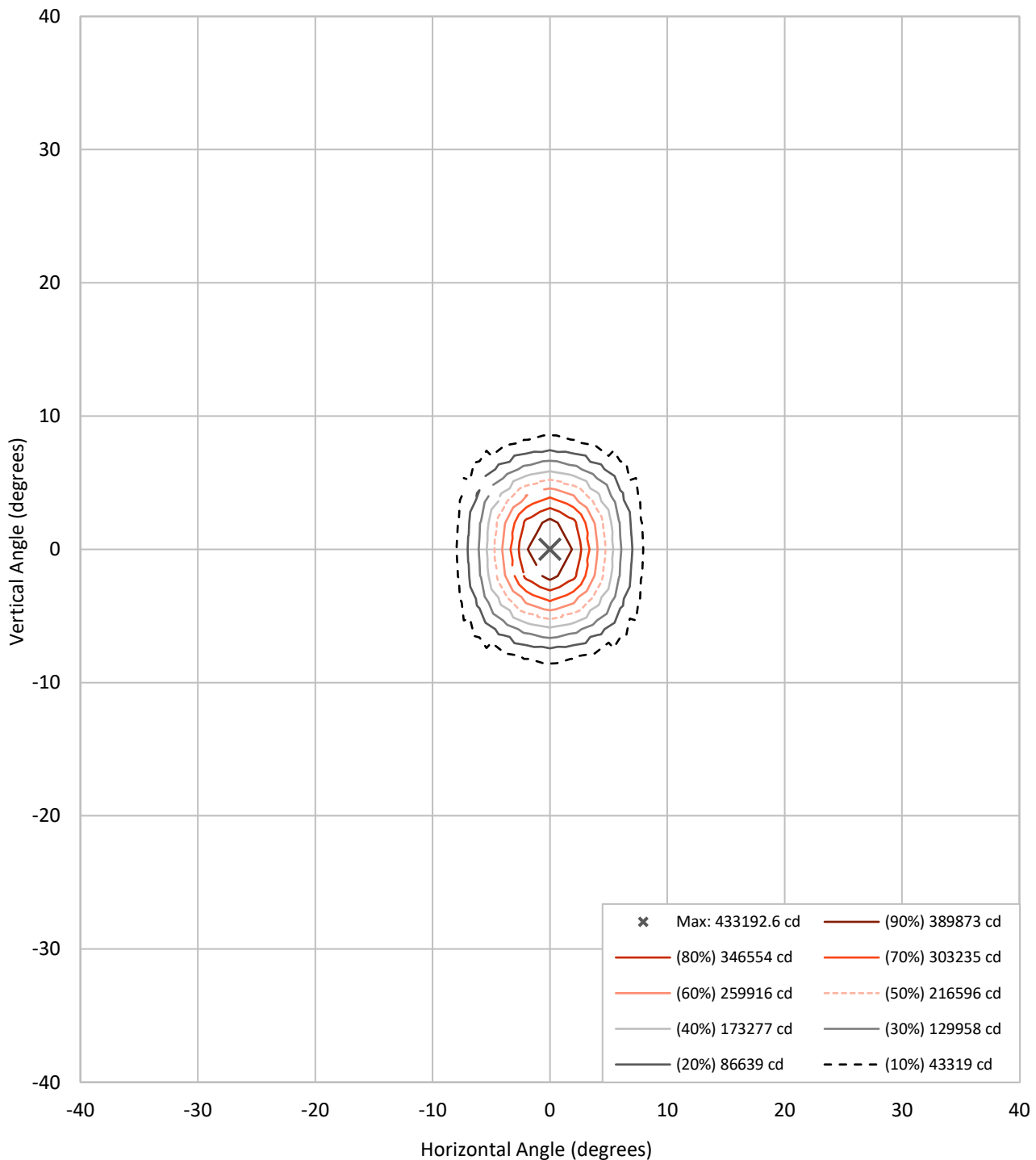
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16869.4 lumens	Max Intensity:	433192.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	7230.6 lumens	Field Lumens:	12461.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 307  
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





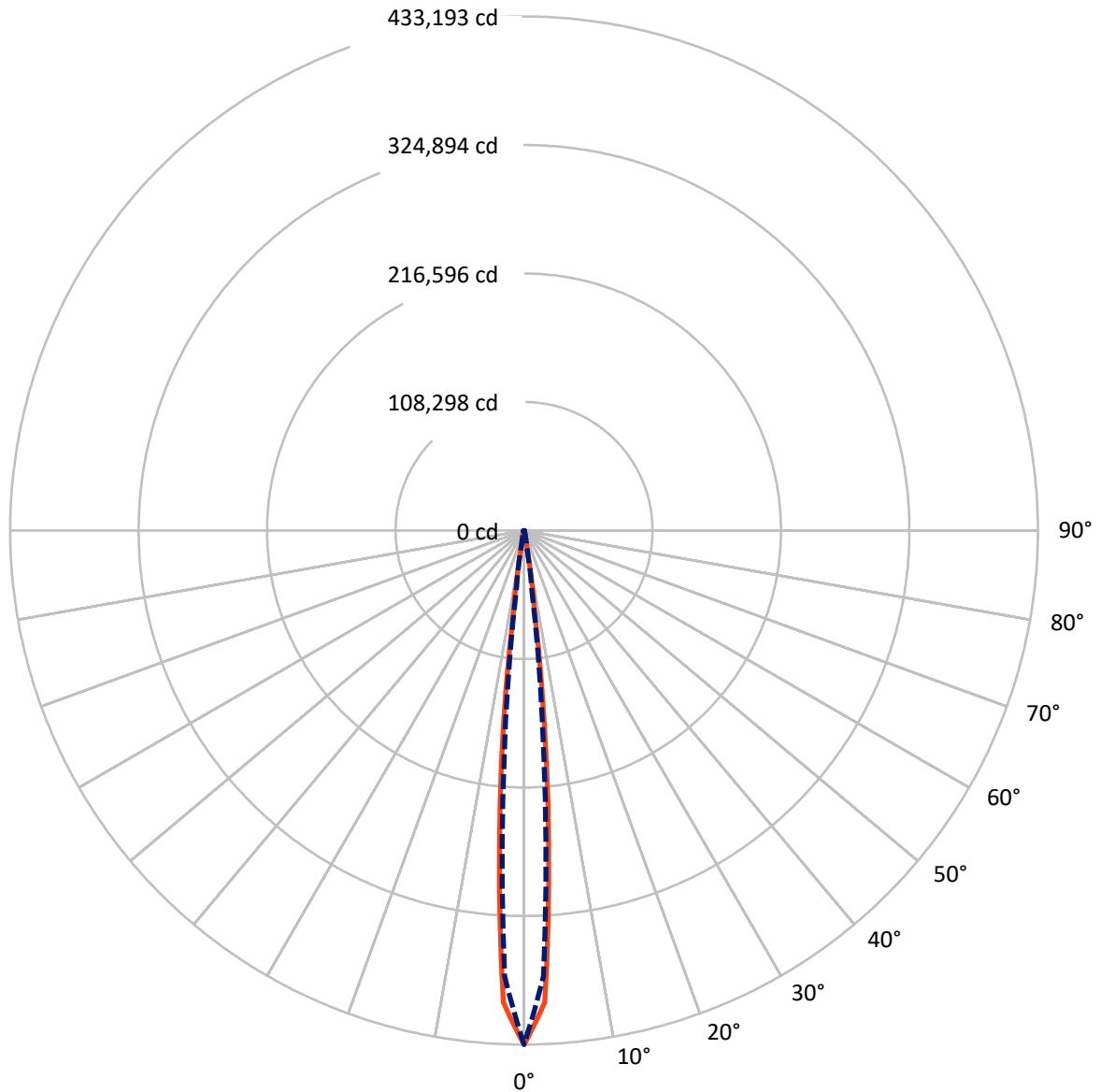
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### Lumen Table

90	0.1	0.5		1.8		4.1		7.0		4.1		1.8		0.5		0.1			
80	0.1	0.5		1.8		4.1		7.0		4.1		1.8		0.5		0.1			
70	0.3	0.3	0.9	1.9	2.9	3.7	5.9	10.5	10.5	5.9	3.7	2.9	1.9	0.9	0.3	0.3			
60		0.7	1.7	3.4	5.5	7.5	10.0	13.6	13.6	10.0	7.5	5.5	3.4	1.7	0.7				
50	0.9	1.2	2.6	5.4	9.5	14.3	18.4	21.9	21.9	18.4	14.3	9.5	5.4	2.6	1.2	0.9			
40		1.9	3.8	8.2	14.8	20.0	22.6	23.9	23.9	22.6	20.0	14.8	8.2	3.8	1.9				
30	1.7	2.7	5.2	11.6	18.2	21.7	29.6	38.9	38.9	29.6	21.7	18.2	11.6	5.2	2.7	1.7			
20		3.7	7.2	14.7	20.1	28.6	58.0	115.8	115.8	58.0	28.6	20.1	14.7	7.2	3.7				
10	2.0	4.1	8.6	16.4	20.9	36.7	114.6	3389.3	3389.3	114.6	36.7	20.9	16.4	8.6	4.1	2.0			
0		4.1	8.6	16.4	20.9	36.7	114.6	3389.3	3389.3	114.6	36.7	20.9	16.4	8.6	4.1				
-10	1.7	3.7	7.2	14.7	20.1	28.6	58.0	115.8	115.8	58.0	28.6	20.1	14.7	7.2	3.7	1.7			
-20		2.7	5.2	11.6	18.2	21.7	29.6	38.9	38.9	29.6	21.7	18.2	11.6	5.2	2.7				
-30	0.9	1.9	3.8	8.2	14.8	20.0	22.6	23.9	23.9	22.6	20.0	14.8	8.2	3.8	1.9	0.9			
-40		1.2	2.6	5.4	9.5	14.3	18.4	21.9	21.9	18.4	14.3	9.5	5.4	2.6	1.2				
-50	0.3	0.7	1.7	3.4	5.5	7.5	10.0	13.6	13.6	10.0	7.5	5.5	3.4	1.7	0.7	0.3			
-60		0.3	0.9	1.9	2.9	3.7	5.9	10.5	10.5	5.9	3.7	2.9	1.9	0.9	0.3				
-70	0.1	0.5		1.8		4.1		7.0		4.1		1.8		0.5		0.1			
-80		0.5		1.8		4.1		7.0		4.1		1.8		0.5					
-90	0.1	0.5		1.8		4.1		7.0		4.1		1.8		0.5		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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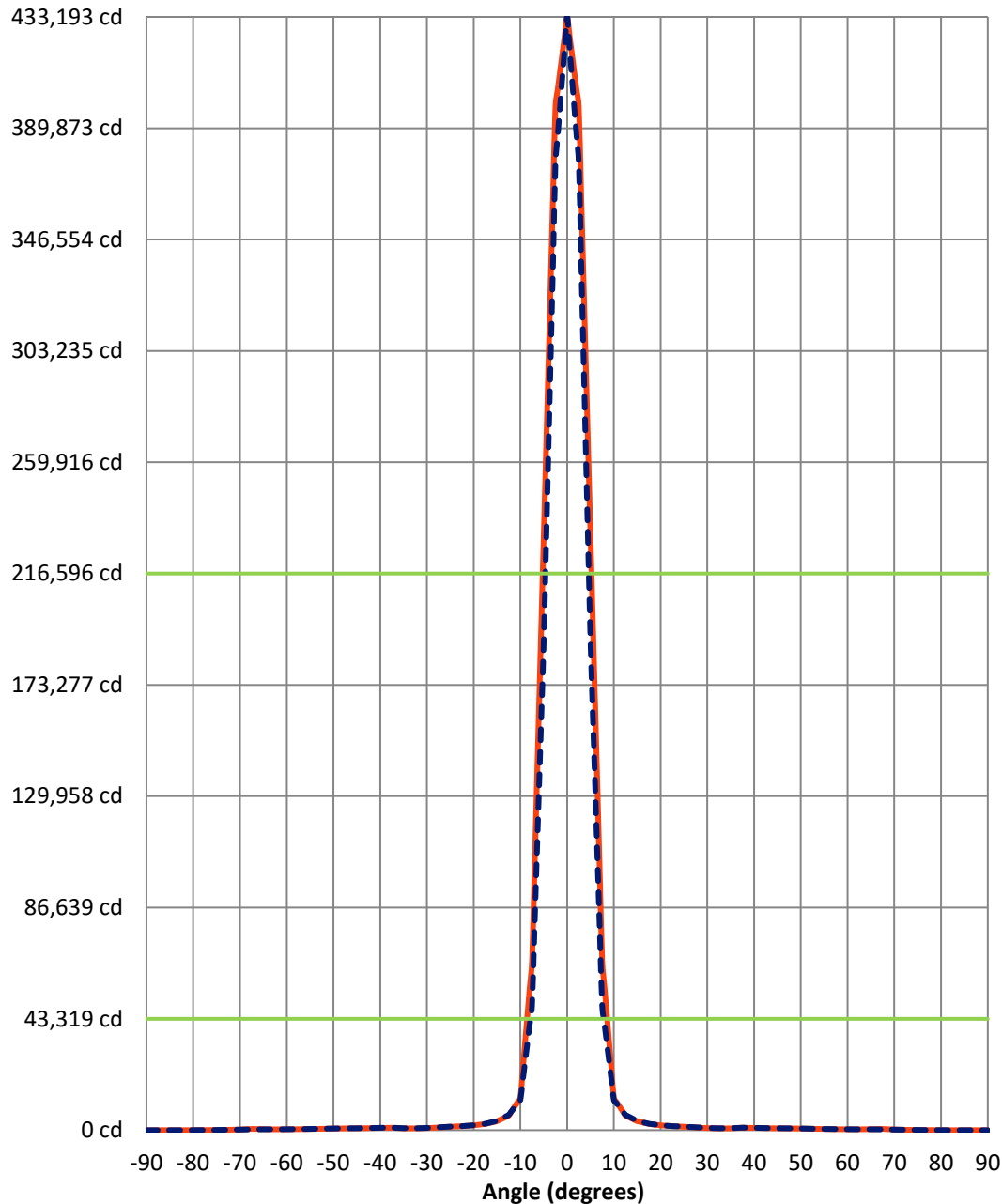
### Luminous Intensity Polar Plot



— 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: 7230.6  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 12461.7  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 4407.7  
 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	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	4.9	4.9	4.9
80°	0.0	0.9	1.7	2.5	3.4	4.2	4.9	4.9	4.9	4.9	4.9
77.5°	0.0	1.1	2.1	3.2	4.2	4.9	4.9	4.9	4.9	4.9	5.4
75°	0.0	1.3	2.5	3.8	4.9	4.9	4.9	4.9	5.1	6.5	7.6
72.5°	0.0	1.5	2.9	4.4	4.9	4.9	4.9	5.4	7.2	8.6	9.7
70°	0.0	1.7	3.3	4.9	4.9	4.9	5.1	7.4	9.3	10.9	13.5
67.5°	0.0	1.9	3.7	4.9	4.9	4.9	7.0	9.5	11.5	14.9	17.7
65°	0.0	2.1	4.1	4.9	4.9	5.7	8.9	11.5	15.2	18.8	22.6
62.5°	0.0	2.3	4.5	4.9	4.9	7.4	10.7	14.5	19.0	23.3	29.0
60°	0.0	2.4	4.9	4.9	4.9	9.0	12.6	17.8	22.7	29.5	35.5
57.5°	0.0	2.6	4.9	4.9	6.2	10.6	15.7	21.3	28.0	35.7	43.0
55°	0.0	2.8	5.0	4.9	7.5	12.2	19.1	24.9	33.8	42.3	51.0
52.5°	0.0	3.0	5.0	4.9	8.8	14.0	22.6	30.4	39.6	49.9	59.1
50°	0.0	3.1	5.1	4.9	10.1	17.1	26.2	36.4	45.8	57.6	69.0
47.5°	0.0	3.3	5.1	5.1	11.4	20.3	30.1	42.5	52.8	65.4	79.4
45°	0.0	3.5	5.2	6.1	12.6	23.4	35.6	48.9	61.2	75.2	90.2
42.5°	0.0	3.6	5.3	7.0	13.8	26.5	41.2	56.1	70.1	85.2	102.9
40°	0.0	3.8	5.4	7.9	15.6	29.7	46.9	64.1	79.8	95.7	116.4
37.5°	0.0	3.9	5.5	8.7	18.0	32.8	52.6	72.1	90.8	108.9	130.3
35°	0.0	4.0	5.6	9.4	20.4	36.9	58.4	80.4	101.9	124.2	143.7
32.5°	0.0	4.1	5.7	10.1	22.7	41.4	64.4	88.7	113.2	140.0	160.7
30°	0.0	4.2	5.8	10.7	25.0	45.8	71.1	97.4	124.5	156.4	179.7
27.5°	0.0	4.3	5.9	11.2	26.4	50.2	77.8	106.7	136.8	173.3	200.7
25°	0.0	4.4	6.1	11.6	27.6	54.4	84.3	115.9	150.6	190.8	223.4
22.5°	0.0	4.5	6.2	12.0	28.4	57.7	90.8	124.9	164.4	209.2	242.6
20°	0.0	4.6	6.3	12.2	29.1	58.9	97.0	133.8	178.1	228.5	261.5
17.5°	0.0	4.7	6.5	12.4	29.5	59.7	100.3	142.3	191.7	248.2	280.1
15°	0.0	4.7	6.6	12.6	29.7	60.0	101.5	148.5	204.8	268.2	298.4
12.5°	0.0	4.8	6.8	12.6	29.7	60.0	102.2	151.6	213.4	288.2	316.2
10°	0.0	4.8	6.9	12.7	29.5	59.5	102.5	154.5	217.7	295.9	328.8
7.5°	0.0	4.9	7.0	12.6	29.1	58.7	102.2	156.8	220.9	300.5	331.1
5°	0.0	4.9	7.2	12.6	28.6	57.5	101.5	158.6	223.1	303.7	332.9
2.5°	0.0	4.9	7.3	12.4	27.9	56.0	100.3	159.8	224.2	305.4	334.3
0°	0.0	4.9	7.4	12.3	27.1	54.2	98.6	160.2	224.3	305.6	335.2
-2.5°	0.0	4.9	7.3	12.4	27.9	56.0	100.3	159.8	224.2	305.4	334.3
-5°	0.0	4.9	7.2	12.6	28.6	57.5	101.5	158.6	223.1	303.7	332.9
-7.5°	0.0	4.9	7.0	12.6	29.1	58.7	102.2	156.8	220.9	300.5	331.1
-10°	0.0	4.8	6.9	12.7	29.5	59.5	102.5	154.5	217.7	295.9	328.8
-12.5°	0.0	4.8	6.8	12.6	29.7	60.0	102.2	151.6	213.4	288.2	316.2
-15°	0.0	4.7	6.6	12.6	29.7	60.0	101.5	148.5	204.8	268.2	298.4
-17.5°	0.0	4.7	6.5	12.4	29.5	59.7	100.3	142.3	191.7	248.2	280.1
-20°	0.0	4.6	6.3	12.2	29.1	58.9	97.0	133.8	178.1	228.5	261.5



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 CATALOG NUMBER: GFLD-SA5E-927-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	4.5	6.2	12.0	28.4	57.7	90.8	124.9	164.4	209.2	242.6
-25°	0.0	4.4	6.1	11.6	27.6	54.4	84.3	115.9	150.6	190.8	223.4
-27.5°	0.0	4.3	5.9	11.2	26.4	50.2	77.8	106.7	136.8	173.3	200.7
-30°	0.0	4.2	5.8	10.7	25.0	45.8	71.1	97.4	124.5	156.4	179.7
-32.5°	0.0	4.1	5.7	10.1	22.7	41.4	64.4	88.7	113.2	140.0	160.7
-35°	0.0	4.0	5.6	9.4	20.4	36.9	58.4	80.4	101.9	124.2	143.7
-37.5°	0.0	3.9	5.5	8.7	18.0	32.8	52.6	72.1	90.8	108.9	130.3
-40°	0.0	3.8	5.4	7.9	15.6	29.7	46.9	64.1	79.8	95.7	116.4
-42.5°	0.0	3.6	5.3	7.0	13.8	26.5	41.2	56.1	70.1	85.2	102.9
-45°	0.0	3.5	5.2	6.1	12.6	23.4	35.6	48.9	61.2	75.2	90.2
-47.5°	0.0	3.3	5.1	5.1	11.4	20.3	30.1	42.5	52.8	65.4	79.4
-50°	0.0	3.1	5.1	4.9	10.1	17.1	26.2	36.4	45.8	57.6	69.0
-52.5°	0.0	3.0	5.0	4.9	8.8	14.0	22.6	30.4	39.6	49.9	59.1
-55°	0.0	2.8	5.0	4.9	7.5	12.2	19.1	24.9	33.8	42.3	51.0
-57.5°	0.0	2.6	4.9	4.9	6.2	10.6	15.7	21.3	28.0	35.7	43.0
-60°	0.0	2.4	4.9	4.9	4.9	9.0	12.6	17.8	22.7	29.5	35.5
-62.5°	0.0	2.3	4.5	4.9	4.9	7.4	10.7	14.5	19.0	23.3	29.0
-65°	0.0	2.1	4.1	4.9	4.9	5.7	8.9	11.5	15.2	18.8	22.6
-67.5°	0.0	1.9	3.7	4.9	4.9	4.9	7.0	9.5	11.5	14.9	17.7
-70°	0.0	1.7	3.3	4.9	4.9	4.9	5.1	7.4	9.3	10.9	13.5
-72.5°	0.0	1.5	2.9	4.4	4.9	4.9	4.9	5.4	7.2	8.6	9.7
-75°	0.0	1.3	2.5	3.8	4.9	4.9	4.9	4.9	5.1	6.5	7.6
-77.5°	0.0	1.1	2.1	3.2	4.2	4.9	4.9	4.9	4.9	4.9	5.4
-80°	0.0	0.9	1.7	2.5	3.4	4.2	4.9	4.9	4.9	4.9	4.9
-82.5°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	4.4	4.9	4.9	4.9
-85°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.3	3.7	4.1
-87.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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):**

	-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°	2.0	1.9	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	4.0	3.7	3.3	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9
82.5°	4.6	4.3	4.2	4.2	4.5	4.7	5.0	5.5	5.9	6.4	6.8
80°	4.8	4.9	5.6	6.3	7.0	7.7	8.4	9.0	9.6	10.5	11.8
77.5°	6.4	7.3	8.3	9.2	10.2	12.1	13.7	15.1	16.8	18.8	20.9
75°	8.6	9.8	12.2	14.9	17.4	19.3	21.1	23.7	27.0	30.6	34.1
72.5°	11.9	14.8	18.1	21.6	25.7	29.2	32.5	35.8	41.1	46.9	51.2
70°	16.3	19.9	25.0	30.6	35.9	40.5	47.2	55.3	63.4	67.5	69.9
67.5°	20.9	26.9	33.1	39.7	47.1	54.8	64.1	72.8	81.1	84.4	87.5
65°	27.2	33.9	41.6	49.8	58.2	67.5	77.1	86.8	95.4	99.8	104.8
62.5°	33.6	41.6	50.4	59.6	69.0	79.1	90.6	100.3	107.7	116.6	127.0
60°	41.3	49.2	59.2	69.5	80.4	94.2	105.8	116.6	126.6	136.7	152.4
57.5°	49.4	57.1	68.2	80.3	95.2	111.0	124.2	135.9	149.7	164.1	180.0
55°	58.2	65.2	77.7	92.6	109.7	128.6	144.0	160.0	176.0	188.9	202.9
52.5°	68.3	74.7	87.8	104.9	124.8	146.0	166.5	183.3	198.0	212.2	228.1
50°	78.9	86.9	97.5	118.2	140.3	164.3	187.6	204.4	221.2	237.9	255.7
47.5°	91.2	100.1	109.1	131.4	156.4	180.9	205.1	226.5	245.2	267.4	287.8
45°	104.6	115.0	124.7	145.4	171.1	196.1	222.9	248.8	274.9	301.1	333.9
42.5°	118.7	130.2	142.5	158.5	184.2	211.9	240.6	275.1	308.2	344.6	387.2
40°	132.5	145.2	159.9	174.4	197.2	228.0	263.0	301.7	348.4	395.6	447.1
37.5°	146.0	160.6	176.4	191.5	211.6	246.3	284.9	334.2	390.5	450.1	515.7
35°	159.1	175.4	191.5	209.3	231.8	265.5	313.2	369.0	436.5	511.9	572.0
32.5°	172.1	189.5	205.9	227.3	255.1	289.6	340.4	410.7	488.6	565.1	605.2
30°	188.3	202.3	220.2	244.3	277.9	321.8	376.9	452.8	541.3	593.5	630.8
27.5°	209.9	214.9	235.1	263.3	301.2	353.4	422.0	500.8	574.0	619.8	653.3
25°	231.1	236.4	249.1	282.5	329.3	390.9	467.8	557.7	601.2	639.9	678.6
22.5°	251.5	256.9	273.0	300.6	356.4	429.0	518.4	597.1	638.5	663.2	705.2
20°	270.6	279.0	298.8	330.8	384.2	465.1	567.5	633.6	673.1	702.7	741.4
17.5°	289.0	300.7	324.9	363.8	423.4	505.7	612.2	670.0	708.5	737.1	785.0
15°	306.8	321.7	350.0	394.6	459.9	549.0	642.0	699.8	741.3	769.4	825.4
12.5°	324.0	342.3	374.0	423.3	492.8	587.0	667.2	719.1	760.5	803.5	861.3
10°	340.8	362.2	396.9	449.9	522.3	619.6	688.4	734.6	775.9	830.6	890.9
7.5°	343.3	372.1	415.6	474.4	548.4	647.3	705.7	746.7	791.5	855.5	917.8
5°	343.3	371.4	417.1	480.8	560.8	663.5	717.9	755.8	806.5	877.6	941.8
2.5°	343.1	369.7	417.4	482.9	563.9	665.2	719.7	758.2	815.2	899.4	963.8
0°	342.5	367.2	416.5	483.0	564.3	662.9	719.6	759.0	820.6	919.2	983.3
-2.5°	343.1	369.7	417.4	482.9	563.9	665.2	719.7	758.2	815.2	899.4	963.8
-5°	343.3	371.4	417.1	480.8	560.8	663.5	717.9	755.8	806.5	877.6	941.8
-7.5°	343.3	372.1	415.6	474.4	548.4	647.3	705.7	746.7	791.5	855.5	917.8
-10°	340.8	362.2	396.9	449.9	522.3	619.6	688.4	734.6	775.9	830.6	890.9
-12.5°	324.0	342.3	374.0	423.3	492.8	587.0	667.2	719.1	760.5	803.5	861.3
-15°	306.8	321.7	350.0	394.6	459.9	549.0	642.0	699.8	741.3	769.4	825.4
-17.5°	289.0	300.7	324.9	363.8	423.4	505.7	612.2	670.0	708.5	737.1	785.0
-20°	270.6	279.0	298.8	330.8	384.2	465.1	567.5	633.6	673.1	702.7	741.4



REPORT NUMBER: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	251.5	256.9	273.0	300.6	356.4	429.0	518.4	597.1	638.5	663.2	705.2
-25°	231.1	236.4	249.1	282.5	329.3	390.9	467.8	557.7	601.2	639.9	678.6
-27.5°	209.9	214.9	235.1	263.3	301.2	353.4	422.0	500.8	574.0	619.8	653.3
-30°	188.3	202.3	220.2	244.3	277.9	321.8	376.9	452.8	541.3	593.5	630.8
-32.5°	172.1	189.5	205.9	227.3	255.1	289.6	340.4	410.7	488.6	565.1	605.2
-35°	159.1	175.4	191.5	209.3	231.8	265.5	313.2	369.0	436.5	511.9	572.0
-37.5°	146.0	160.6	176.4	191.5	211.6	246.3	284.9	334.2	390.5	450.1	515.7
-40°	132.5	145.2	159.9	174.4	197.2	228.0	263.0	301.7	348.4	395.6	447.1
-42.5°	118.7	130.2	142.5	158.5	184.2	211.9	240.6	275.1	308.2	344.6	387.2
-45°	104.6	115.0	124.7	145.4	171.1	196.1	222.9	248.8	274.9	301.1	333.9
-47.5°	91.2	100.1	109.1	131.4	156.4	180.9	205.1	226.5	245.2	267.4	287.8
-50°	78.9	86.9	97.5	118.2	140.3	164.3	187.6	204.4	221.2	237.9	255.7
-52.5°	68.3	74.7	87.8	104.9	124.8	146.0	166.5	183.3	198.0	212.2	228.1
-55°	58.2	65.2	77.7	92.6	109.7	128.6	144.0	160.0	176.0	188.9	202.9
-57.5°	49.4	57.1	68.2	80.3	95.2	111.0	124.2	135.9	149.7	164.1	180.0
-60°	41.3	49.2	59.2	69.5	80.4	94.2	105.8	116.6	126.6	136.7	152.4
-62.5°	33.6	41.6	50.4	59.6	69.0	79.1	90.6	100.3	107.7	116.6	127.0
-65°	27.2	33.9	41.6	49.8	58.2	67.5	77.1	86.8	95.4	99.8	104.8
-67.5°	20.9	26.9	33.1	39.7	47.1	54.8	64.1	72.8	81.1	84.4	87.5
-70°	16.3	19.9	25.0	30.6	35.9	40.5	47.2	55.3	63.4	67.5	69.9
-72.5°	11.9	14.8	18.1	21.6	25.7	29.2	32.5	35.8	41.1	46.9	51.2
-75°	8.6	9.8	12.2	14.9	17.4	19.3	21.1	23.7	27.0	30.6	34.1
-77.5°	6.4	7.3	8.3	9.2	10.2	12.1	13.7	15.1	16.8	18.8	20.9
-80°	4.8	4.9	5.6	6.3	7.0	7.7	8.4	9.0	9.6	10.5	11.8
-82.5°	4.6	4.3	4.2	4.2	4.5	4.7	5.0	5.5	5.9	6.4	6.8
-85°	4.0	3.7	3.3	2.9	3.0	3.2	3.3	3.5	3.6	3.8	3.9
-87.5°	2.0	1.9	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.9	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: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	4.0	4.1	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.8
82.5°	7.2	7.5	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.5	9.7
80°	13.2	14.2	15.0	15.6	16.0	17.8	20.0	22.2	24.6	25.5	26.0
77.5°	23.5	25.2	26.3	27.1	27.7	31.5	36.5	41.7	47.0	49.8	52.0
75°	37.4	39.5	40.8	41.7	42.3	48.2	57.0	66.2	75.7	80.6	84.2
72.5°	54.1	55.8	57.1	58.3	59.1	67.8	83.5	100.7	118.9	130.0	138.2
70°	72.1	74.0	75.6	77.0	78.0	88.4	111.3	135.2	160.0	184.8	211.1
67.5°	91.1	95.2	97.4	98.6	99.9	108.8	133.2	155.7	176.6	221.3	291.9
65°	111.9	121.4	125.4	127.6	128.4	132.5	153.4	172.2	189.2	224.1	277.9
62.5°	138.4	151.0	156.7	159.3	160.8	161.0	178.1	193.9	208.4	230.1	264.4
60°	167.0	180.5	187.6	189.6	190.8	191.4	204.9	220.5	235.0	252.7	284.7
57.5°	193.2	205.8	216.3	220.5	223.7	226.0	238.0	256.3	273.5	291.3	325.5
55°	218.1	233.4	248.1	256.1	263.6	270.3	282.0	305.2	327.3	348.0	383.7
52.5°	245.3	265.0	284.4	299.0	313.4	325.9	338.6	368.5	397.9	425.7	460.3
50°	277.8	302.1	330.5	354.4	374.9	395.1	413.3	448.7	488.5	526.4	562.8
47.5°	318.9	351.0	387.3	421.4	449.2	480.5	508.9	545.4	580.6	615.8	645.9
45°	369.5	413.9	455.7	500.9	540.6	561.4	577.9	600.6	636.8	671.3	699.5
42.5°	434.1	485.8	537.3	570.9	596.5	613.3	625.3	637.2	675.2	708.6	735.8
40°	506.1	558.0	589.7	617.3	635.0	650.0	668.8	687.3	717.1	751.3	781.6
37.5°	568.4	601.8	629.6	651.3	672.7	692.6	719.7	746.3	774.7	813.0	841.2
35°	606.9	636.1	664.4	691.6	719.0	749.6	783.4	822.6	857.4	825.8	780.1
32.5°	636.2	666.2	700.4	742.3	780.0	821.8	864.2	796.1	726.3	699.0	704.6
30°	661.7	696.5	743.7	798.3	850.8	832.0	738.9	706.4	716.0	735.2	772.0
27.5°	689.0	732.5	789.8	857.1	815.8	712.7	718.2	737.1	800.9	855.0	937.2
25°	721.3	773.8	844.9	813.8	719.4	729.2	777.0	849.0	970.6	1084.0	1183.1
22.5°	760.2	827.1	836.4	719.5	732.4	794.8	891.7	1047.8	1195.5	1332.5	1434.7
20°	799.8	876.9	758.4	733.6	788.5	900.0	1079.9	1259.1	1423.9	1546.5	1648.9
17.5°	847.2	820.0	736.1	762.4	873.3	1065.9	1268.5	1458.3	1613.8	1825.7	2006.1
15°	888.7	765.1	749.6	836.3	1003.2	1220.0	1440.0	1610.6	1891.4	2195.1	2502.2
12.5°	864.8	745.7	773.7	902.2	1121.6	1355.8	1550.4	1820.4	2192.0	2635.6	3302.0
10°	829.6	756.7	825.1	993.3	1222.9	1451.1	1653.2	2007.2	2497.7	3312.2	4361.6
7.5°	802.4	761.3	859.1	1063.2	1298.2	1508.6	1778.0	2207.3	2890.9	4008.4	6242.8
5°	781.7	761.2	874.6	1103.7	1342.9	1548.3	1855.0	2352.8	3276.3	4868.5	8686.5
2.5°	772.6	757.2	878.9	1125.5	1364.7	1570.4	1902.9	2457.4	3519.6	5667.5	11422.3
0°	778.7	749.2	877.3	1133.6	1377.6	1567.3	1909.9	2489.0	3593.0	5962.5	11789.4
-2.5°	772.6	757.2	878.9	1125.5	1364.7	1570.4	1902.9	2457.4	3519.6	5667.5	11422.3
-5°	781.7	761.2	874.6	1103.7	1342.9	1548.3	1855.0	2352.8	3276.3	4868.5	8686.5
-7.5°	802.4	761.3	859.1	1063.2	1298.2	1508.6	1778.0	2207.3	2890.9	4008.4	6242.8
-10°	829.6	756.7	825.1	993.3	1222.9	1451.1	1653.2	2007.2	2497.7	3312.2	4361.6
-12.5°	864.8	745.7	773.7	902.2	1121.6	1355.8	1550.4	1820.4	2192.0	2635.6	3302.0
-15°	888.7	765.1	749.6	836.3	1003.2	1220.0	1440.0	1610.6	1891.4	2195.1	2502.2
-17.5°	847.2	820.0	736.1	762.4	873.3	1065.9	1268.5	1458.3	1613.8	1825.7	2006.1
-20°	799.8	876.9	758.4	733.6	788.5	900.0	1079.9	1259.1	1423.9	1546.5	1648.9



REPORT NUMBER: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	760.2	827.1	836.4	719.5	732.4	794.8	891.7	1047.8	1195.5	1332.5	1434.7
-25°	721.3	773.8	844.9	813.8	719.4	729.2	777.0	849.0	970.6	1084.0	1183.1
-27.5°	689.0	732.5	789.8	857.1	815.8	712.7	718.2	737.1	800.9	855.0	937.2
-30°	661.7	696.5	743.7	798.3	850.8	832.0	738.9	706.4	716.0	735.2	772.0
-32.5°	636.2	666.2	700.4	742.3	780.0	821.8	864.2	796.1	726.3	699.0	704.6
-35°	606.9	636.1	664.4	691.6	719.0	749.6	783.4	822.6	857.4	825.8	780.1
-37.5°	568.4	601.8	629.6	651.3	672.7	692.6	719.7	746.3	774.7	813.0	841.2
-40°	506.1	558.0	589.7	617.3	635.0	650.0	668.8	687.3	717.1	751.3	781.6
-42.5°	434.1	485.8	537.3	570.9	596.5	613.3	625.3	637.2	675.2	708.6	735.8
-45°	369.5	413.9	455.7	500.9	540.6	561.4	577.9	600.6	636.8	671.3	699.5
-47.5°	318.9	351.0	387.3	421.4	449.2	480.5	508.9	545.4	580.6	615.8	645.9
-50°	277.8	302.1	330.5	354.4	374.9	395.1	413.3	448.7	488.5	526.4	562.8
-52.5°	245.3	265.0	284.4	299.0	313.4	325.9	338.6	368.5	397.9	425.7	460.3
-55°	218.1	233.4	248.1	256.1	263.6	270.3	282.0	305.2	327.3	348.0	383.7
-57.5°	193.2	205.8	216.3	220.5	223.7	226.0	238.0	256.3	273.5	291.3	325.5
-60°	167.0	180.5	187.6	189.6	190.8	191.4	204.9	220.5	235.0	252.7	284.7
-62.5°	138.4	151.0	156.7	159.3	160.8	161.0	178.1	193.9	208.4	230.1	264.4
-65°	111.9	121.4	125.4	127.6	128.4	132.5	153.4	172.2	189.2	224.1	277.9
-67.5°	91.1	95.2	97.4	98.6	99.9	108.8	133.2	155.7	176.6	221.3	291.9
-70°	72.1	74.0	75.6	77.0	78.0	88.4	111.3	135.2	160.0	184.8	211.1
-72.5°	54.1	55.8	57.1	58.3	59.1	67.8	83.5	100.7	118.9	130.0	138.2
-75°	37.4	39.5	40.8	41.7	42.3	48.2	57.0	66.2	75.7	80.6	84.2
-77.5°	23.5	25.2	26.3	27.1	27.7	31.5	36.5	41.7	47.0	49.8	52.0
-80°	13.2	14.2	15.0	15.6	16.0	17.8	20.0	22.2	24.6	25.5	26.0
-82.5°	7.2	7.5	7.9	8.2	8.5	8.8	9.0	9.2	9.4	9.5	9.7
-85°	4.0	4.1	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.8
-87.5°	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-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: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
82.5°	9.8	9.8	9.9	9.9	9.9	9.8	9.8	9.7	9.5	9.4	9.2
80°	26.5	26.8	25.8	24.6	25.8	26.8	26.5	26.0	25.5	24.6	22.2
77.5°	54.2	56.1	54.2	51.8	54.2	56.1	54.2	52.0	49.8	47.0	41.7
75°	87.4	90.3	88.6	86.3	88.6	90.3	87.4	84.2	80.6	75.7	66.2
72.5°	145.9	153.1	151.3	147.9	151.3	153.1	145.9	138.2	130.0	118.9	100.7
70°	238.8	266.8	265.7	258.8	265.7	266.8	238.8	211.1	184.8	160.0	135.2
67.5°	368.2	447.7	473.0	485.5	473.0	447.7	368.2	291.9	221.3	176.6	155.7
65°	328.0	376.0	395.0	409.1	395.0	376.0	328.0	277.9	224.1	189.2	172.2
62.5°	295.0	323.5	329.6	330.2	329.6	323.5	295.0	264.4	230.1	208.4	193.9
60°	315.7	345.9	350.4	345.0	350.4	345.9	315.7	284.7	252.7	235.0	220.5
57.5°	358.5	390.2	396.1	389.4	396.1	390.2	358.5	325.5	291.3	273.5	256.3
55°	417.8	449.8	460.4	458.4	460.4	449.8	417.8	383.7	348.0	327.3	305.2
52.5°	493.4	522.9	535.1	534.8	535.1	522.9	493.4	460.3	425.7	397.9	368.5
50°	594.5	620.9	634.0	635.8	634.0	620.9	594.5	562.8	526.4	488.5	448.7
47.5°	667.4	684.7	693.7	694.9	693.7	684.7	667.4	645.9	615.8	580.6	545.4
45°	712.0	721.4	728.4	734.4	728.4	721.4	712.0	699.5	671.3	636.8	600.6
42.5°	754.0	773.5	787.8	791.1	787.8	773.5	754.0	735.8	708.6	675.2	637.2
40°	810.3	837.1	862.8	889.6	862.8	837.1	810.3	781.6	751.3	717.1	687.3
37.5°	870.4	900.2	925.0	938.9	925.0	900.2	870.4	841.2	813.0	774.7	746.3
35°	748.0	728.4	716.7	712.2	716.7	728.4	748.0	780.1	825.8	857.4	822.6
32.5°	707.9	709.3	707.0	702.3	707.0	709.3	707.9	704.6	699.0	726.3	796.1
30°	799.4	812.4	814.0	813.2	814.0	812.4	799.4	772.0	735.2	716.0	706.4
27.5°	998.0	1031.3	1041.6	1062.1	1041.6	1031.3	998.0	937.2	855.0	800.9	737.1
25°	1259.8	1310.0	1334.2	1343.1	1334.2	1310.0	1259.8	1183.1	1084.0	970.6	849.0
22.5°	1492.5	1530.9	1553.3	1572.3	1553.3	1530.9	1492.5	1434.7	1332.5	1195.5	1047.8
20°	1768.4	1838.4	1870.5	1872.9	1870.5	1838.4	1768.4	1648.9	1546.5	1423.9	1259.1
17.5°	2198.9	2335.2	2403.3	2422.5	2403.3	2335.2	2198.9	2006.1	1825.7	1613.8	1458.3
15°	2878.2	3226.0	3405.0	3489.5	3405.0	3226.0	2878.2	2502.2	2195.1	1891.4	1610.6
12.5°	3986.3	4770.5	5404.7	5643.4	5404.7	4770.5	3986.3	3302.0	2635.6	2192.0	1820.4
10°	6181.8	8523.8	11259.7	12536.1	11259.7	8523.8	6181.8	4361.6	3312.2	2497.7	2007.2
7.5°	11959.3	27767.2	53817.5	66244.1	53817.5	27767.2	11959.3	6242.8	4008.4	2890.9	2207.3
5°	25491.5	110013.3	197020.1	231416.9	197020.1	110013.3	25491.5	8686.5	4868.5	3276.3	2352.8
2.5°	40602.5	180436.2	340454.0	398090.5	340454.0	180436.2	40602.5	11422.3	5667.5	3519.6	2457.4
0°	48511.9	190146.5	375683.4	433192.6	375683.4	190146.5	48511.9	11789.4	5962.5	3593.0	2489.0
-2.5°	40602.5	180436.2	340454.0	398090.4	340454.0	180436.2	40602.5	11422.3	5667.5	3519.6	2457.4
-5°	25491.5	110013.3	197020.1	231416.9	197020.1	110013.3	25491.5	8686.5	4868.5	3276.3	2352.8
-7.5°	11959.3	27767.2	53817.5	66244.1	53817.5	27767.2	11959.3	6242.8	4008.4	2890.9	2207.3
-10°	6181.8	8523.8	11259.7	12536.1	11259.7	8523.8	6181.8	4361.6	3312.2	2497.7	2007.2
-12.5°	3986.3	4770.5	5404.7	5643.4	5404.7	4770.5	3986.3	3302.0	2635.6	2192.0	1820.4
-15°	2878.2	3226.0	3405.0	3489.5	3405.0	3226.0	2878.2	2502.2	2195.1	1891.4	1610.6
-17.5°	2198.9	2335.2	2403.3	2422.5	2403.3	2335.2	2198.9	2006.1	1825.7	1613.8	1458.3
-20°	1768.4	1838.4	1870.5	1872.9	1870.5	1838.4	1768.4	1648.9	1546.5	1423.9	1259.1



REPORT NUMBER: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	1492.5	1530.9	1553.3	1572.3	1553.3	1530.9	1492.5	1434.7	1332.5	1195.5	1047.8
-25°	1259.8	1310.0	1334.2	1343.1	1334.2	1310.0	1259.8	1183.1	1084.0	970.6	849.0
-27.5°	998.0	1031.3	1041.6	1062.1	1041.6	1031.3	998.0	937.2	855.0	800.9	737.1
-30°	799.4	812.4	814.0	813.2	814.0	812.4	799.4	772.0	735.2	716.0	706.4
-32.5°	707.9	709.3	707.0	702.3	707.0	709.3	707.9	704.6	699.0	726.3	796.1
-35°	748.0	728.4	716.7	712.2	716.7	728.4	748.0	780.1	825.8	857.4	822.6
-37.5°	870.4	900.2	925.0	938.9	925.0	900.2	870.4	841.2	813.0	774.7	746.3
-40°	810.3	837.1	862.8	889.6	862.8	837.1	810.3	781.6	751.3	717.1	687.3
-42.5°	754.0	773.5	787.8	791.1	787.8	773.5	754.0	735.8	708.6	675.2	637.2
-45°	712.0	721.4	728.4	734.4	728.4	721.4	712.0	699.5	671.3	636.8	600.6
-47.5°	667.4	684.7	693.7	694.9	693.7	684.7	667.4	645.9	615.8	580.6	545.4
-50°	594.5	620.9	634.0	635.8	634.0	620.9	594.5	562.8	526.4	488.5	448.7
-52.5°	493.4	522.9	535.1	534.8	535.1	522.9	493.4	460.3	425.7	397.9	368.5
-55°	417.8	449.8	460.4	458.4	460.4	449.8	417.8	383.7	348.0	327.3	305.2
-57.5°	358.5	390.2	396.1	389.4	396.1	390.2	358.5	325.5	291.3	273.5	256.3
-60°	315.7	345.9	350.4	345.0	350.4	345.9	315.7	284.7	252.7	235.0	220.5
-62.5°	295.0	323.5	329.6	330.2	329.6	323.5	295.0	264.4	230.1	208.4	193.9
-65°	328.0	376.0	395.0	409.1	395.0	376.0	328.0	277.9	224.1	189.2	172.2
-67.5°	368.2	447.7	473.0	485.5	473.0	447.7	368.2	291.9	221.3	176.6	155.7
-70°	238.8	266.8	265.7	258.8	265.7	266.8	238.8	211.1	184.8	160.0	135.2
-72.5°	145.9	153.1	151.3	147.9	151.3	153.1	145.9	138.2	130.0	118.9	100.7
-75°	87.4	90.3	88.6	86.3	88.6	90.3	87.4	84.2	80.6	75.7	66.2
-77.5°	54.2	56.1	54.2	51.8	54.2	56.1	54.2	52.0	49.8	47.0	41.7
-80°	26.5	26.8	25.8	24.6	25.8	26.8	26.5	26.0	25.5	24.6	22.2
-82.5°	9.8	9.8	9.9	9.9	9.9	9.8	9.8	9.7	9.5	9.4	9.2
-85°	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.8	4.8	4.7	4.7
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
85°	4.6	4.5	4.4	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
82.5°	9.0	8.8	8.5	8.2	7.9	7.5	7.2	6.8	6.4	5.9	5.5
80°	20.0	17.8	16.0	15.6	15.0	14.2	13.2	11.8	10.5	9.6	9.0
77.5°	36.5	31.5	27.7	27.1	26.3	25.2	23.5	20.9	18.8	16.8	15.1
75°	57.0	48.2	42.3	41.7	40.8	39.5	37.4	34.1	30.6	27.0	23.7
72.5°	83.5	67.8	59.1	58.3	57.1	55.8	54.1	51.2	46.9	41.1	35.8
70°	111.3	88.4	78.0	77.0	75.6	74.0	72.1	69.9	67.5	63.4	55.3
67.5°	133.2	108.8	99.9	98.6	97.4	95.2	91.1	87.5	84.4	81.1	72.8
65°	153.4	132.5	128.4	127.6	125.4	121.4	111.9	104.8	99.8	95.4	86.8
62.5°	178.1	161.0	160.8	159.3	156.7	151.0	138.4	127.0	116.6	107.7	100.3
60°	204.9	191.4	190.8	189.6	187.6	180.5	167.0	152.4	136.7	126.6	116.6
57.5°	238.0	226.0	223.7	220.5	216.3	205.8	193.2	180.0	164.1	149.7	135.9
55°	282.0	270.3	263.6	256.1	248.1	233.4	218.1	202.9	188.9	176.0	160.0
52.5°	338.6	325.9	313.4	299.0	284.4	265.0	245.3	228.1	212.2	198.0	183.3
50°	413.3	395.1	374.9	354.4	330.5	302.1	277.8	255.7	237.9	221.2	204.4
47.5°	508.9	480.5	449.2	421.4	387.3	351.0	318.9	287.8	267.4	245.2	226.5
45°	577.9	561.4	540.6	500.9	455.7	413.9	369.5	333.9	301.1	274.9	248.8
42.5°	625.3	613.3	596.5	570.9	537.3	485.8	434.1	387.2	344.6	308.2	275.1
40°	668.8	650.0	635.0	617.3	589.7	558.0	506.1	447.1	395.6	348.4	301.7
37.5°	719.7	692.6	672.7	651.3	629.6	601.8	568.4	515.7	450.1	390.5	334.2
35°	783.4	749.6	719.0	691.6	664.4	636.1	606.9	572.0	511.9	436.5	369.0
32.5°	864.2	821.8	780.0	742.3	700.4	666.2	636.2	605.2	565.1	488.6	410.7
30°	738.9	832.0	850.8	798.3	743.7	696.5	661.7	630.8	593.5	541.3	452.8
27.5°	718.2	712.7	815.8	857.1	789.8	732.5	689.0	653.3	619.8	574.0	500.8
25°	777.0	729.2	719.4	813.8	844.9	773.8	721.3	678.6	639.9	601.2	557.7
22.5°	891.7	794.8	732.4	719.5	836.4	827.1	760.2	705.2	663.2	638.5	597.1
20°	1079.9	900.0	788.5	733.6	758.4	876.9	799.8	741.4	702.7	673.1	633.6
17.5°	1268.5	1065.9	873.3	762.4	736.1	820.0	847.2	785.0	737.1	708.5	670.0
15°	1440.0	1220.0	1003.2	836.3	749.6	765.1	888.7	825.4	769.4	741.3	699.8
12.5°	1550.4	1355.8	1121.6	902.2	773.7	745.7	864.8	861.3	803.5	760.5	719.1
10°	1653.2	1451.1	1222.9	993.3	825.1	756.7	829.6	890.9	830.6	775.9	734.6
7.5°	1778.0	1508.6	1298.2	1063.2	859.1	761.3	802.4	917.8	855.5	791.5	746.7
5°	1855.0	1548.3	1342.9	1103.7	874.6	761.2	781.7	941.8	877.6	806.5	755.8
2.5°	1902.9	1570.4	1364.7	1125.5	878.9	757.2	772.6	963.8	899.4	815.2	758.2
0°	1909.9	1567.3	1377.6	1133.6	877.3	749.2	778.7	983.3	919.2	820.6	759.0
-2.5°	1902.9	1570.4	1364.7	1125.5	878.9	757.2	772.6	963.8	899.4	815.2	758.2
-5°	1855.0	1548.3	1342.9	1103.7	874.6	761.2	781.7	941.8	877.6	806.5	755.8
-7.5°	1778.0	1508.6	1298.2	1063.2	859.1	761.3	802.4	917.8	855.5	791.5	746.7
-10°	1653.2	1451.1	1222.9	993.3	825.1	756.7	829.6	890.9	830.6	775.9	734.6
-12.5°	1550.4	1355.8	1121.6	902.2	773.7	745.7	864.8	861.3	803.5	760.5	719.1
-15°	1440.0	1220.0	1003.2	836.3	749.6	765.1	888.7	825.4	769.4	741.3	699.8
-17.5°	1268.5	1065.9	873.3	762.4	736.1	820.0	847.2	785.0	737.1	708.5	670.0
-20°	1079.9	900.0	788.5	733.6	758.4	876.9	799.8	741.4	702.7	673.1	633.6





REPORT NUMBER: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	891.7	794.8	732.4	719.5	836.4	827.1	760.2	705.2	663.2	638.5	597.1
-25°	777.0	729.2	719.4	813.8	844.9	773.8	721.3	678.6	639.9	601.2	557.7
-27.5°	718.2	712.7	815.8	857.1	789.8	732.5	689.0	653.3	619.8	574.0	500.8
-30°	738.9	832.0	850.8	798.3	743.7	696.5	661.7	630.8	593.5	541.3	452.8
-32.5°	864.2	821.8	780.0	742.3	700.4	666.2	636.2	605.2	565.1	488.6	410.7
-35°	783.4	749.6	719.0	691.6	664.4	636.1	606.9	572.0	511.9	436.5	369.0
-37.5°	719.7	692.6	672.7	651.3	629.6	601.8	568.4	515.7	450.1	390.5	334.2
-40°	668.8	650.0	635.0	617.3	589.7	558.0	506.1	447.1	395.6	348.4	301.7
-42.5°	625.3	613.3	596.5	570.9	537.3	485.8	434.1	387.2	344.6	308.2	275.1
-45°	577.9	561.4	540.6	500.9	455.7	413.9	369.5	333.9	301.1	274.9	248.8
-47.5°	508.9	480.5	449.2	421.4	387.3	351.0	318.9	287.8	267.4	245.2	226.5
-50°	413.3	395.1	374.9	354.4	330.5	302.1	277.8	255.7	237.9	221.2	204.4
-52.5°	338.6	325.9	313.4	299.0	284.4	265.0	245.3	228.1	212.2	198.0	183.3
-55°	282.0	270.3	263.6	256.1	248.1	233.4	218.1	202.9	188.9	176.0	160.0
-57.5°	238.0	226.0	223.7	220.5	216.3	205.8	193.2	180.0	164.1	149.7	135.9
-60°	204.9	191.4	190.8	189.6	187.6	180.5	167.0	152.4	136.7	126.6	116.6
-62.5°	178.1	161.0	160.8	159.3	156.7	151.0	138.4	127.0	116.6	107.7	100.3
-65°	153.4	132.5	128.4	127.6	125.4	121.4	111.9	104.8	99.8	95.4	86.8
-67.5°	133.2	108.8	99.9	98.6	97.4	95.2	91.1	87.5	84.4	81.1	72.8
-70°	111.3	88.4	78.0	77.0	75.6	74.0	72.1	69.9	67.5	63.4	55.3
-72.5°	83.5	67.8	59.1	58.3	57.1	55.8	54.1	51.2	46.9	41.1	35.8
-75°	57.0	48.2	42.3	41.7	40.8	39.5	37.4	34.1	30.6	27.0	23.7
-77.5°	36.5	31.5	27.7	27.1	26.3	25.2	23.5	20.9	18.8	16.8	15.1
-80°	20.0	17.8	16.0	15.6	15.0	14.2	13.2	11.8	10.5	9.6	9.0
-82.5°	9.0	8.8	8.5	8.2	7.9	7.5	7.2	6.8	6.4	5.9	5.5
-85°	4.6	4.5	4.4	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	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: P559105 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	1.7	1.6	1.5	1.4	1.7	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.3	3.2	3.0	2.9	3.3	3.7	4.0	4.1	3.7	3.3	2.9
82.5°	5.0	4.7	4.5	4.2	4.2	4.3	4.6	4.9	4.9	4.9	4.4
80°	8.4	7.7	7.0	6.3	5.6	4.9	4.8	4.9	4.9	4.9	4.9
77.5°	13.7	12.1	10.2	9.2	8.3	7.3	6.4	5.4	4.9	4.9	4.9
75°	21.1	19.3	17.4	14.9	12.2	9.8	8.6	7.6	6.5	5.1	4.9
72.5°	32.5	29.2	25.7	21.6	18.1	14.8	11.9	9.7	8.6	7.2	5.4
70°	47.2	40.5	35.9	30.6	25.0	19.9	16.3	13.5	10.9	9.3	7.4
67.5°	64.1	54.8	47.1	39.7	33.1	26.9	20.9	17.7	14.9	11.5	9.5
65°	77.1	67.5	58.2	49.8	41.6	33.9	27.2	22.6	18.8	15.2	11.5
62.5°	90.6	79.1	69.0	59.6	50.4	41.6	33.6	29.0	23.3	19.0	14.5
60°	105.8	94.2	80.4	69.5	59.2	49.2	41.3	35.5	29.5	22.7	17.8
57.5°	124.2	111.0	95.2	80.3	68.2	57.1	49.4	43.0	35.7	28.0	21.3
55°	144.0	128.6	109.7	92.6	77.7	65.2	58.2	51.0	42.3	33.8	24.9
52.5°	166.5	146.0	124.8	104.9	87.8	74.7	68.3	59.1	49.9	39.6	30.4
50°	187.6	164.3	140.3	118.2	97.5	86.9	78.9	69.0	57.6	45.8	36.4
47.5°	205.1	180.9	156.4	131.4	109.1	100.1	91.2	79.4	65.4	52.8	42.5
45°	222.9	196.1	171.1	145.4	124.7	115.0	104.6	90.2	75.2	61.2	48.9
42.5°	240.6	211.9	184.2	158.5	142.5	130.2	118.7	102.9	85.2	70.1	56.1
40°	263.0	228.0	197.2	174.4	159.9	145.2	132.5	116.4	95.7	79.8	64.1
37.5°	284.9	246.3	211.6	191.5	176.4	160.6	146.0	130.3	108.9	90.8	72.1
35°	313.2	265.5	231.8	209.3	191.5	175.4	159.1	143.7	124.2	101.9	80.4
32.5°	340.4	289.6	255.1	227.3	205.9	189.5	172.1	160.7	140.0	113.2	88.7
30°	376.9	321.8	277.9	244.3	220.2	202.3	188.3	179.7	156.4	124.5	97.4
27.5°	422.0	353.4	301.2	263.3	235.1	214.9	209.9	200.7	173.3	136.8	106.7
25°	467.8	390.9	329.3	282.5	249.1	236.4	231.1	223.4	190.8	150.6	115.9
22.5°	518.4	429.0	356.4	300.6	273.0	256.9	251.5	242.6	209.2	164.4	124.9
20°	567.5	465.1	384.2	330.8	298.8	279.0	270.6	261.5	228.5	178.1	133.8
17.5°	612.2	505.7	423.4	363.8	324.9	300.7	289.0	280.1	248.2	191.7	142.3
15°	642.0	549.0	459.9	394.6	350.0	321.7	306.8	298.4	268.2	204.8	148.5
12.5°	667.2	587.0	492.8	423.3	374.0	342.3	324.0	316.2	288.2	213.4	151.6
10°	688.4	619.6	522.3	449.9	396.9	362.2	340.8	328.8	295.9	217.7	154.5
7.5°	705.7	647.3	548.4	474.4	415.6	372.1	343.3	331.1	300.5	220.9	156.8
5°	717.9	663.5	560.8	480.8	417.1	371.4	343.3	332.9	303.7	223.1	158.6
2.5°	719.7	665.2	563.9	482.9	417.4	369.7	343.1	334.3	305.4	224.2	159.8
0°	719.6	662.9	564.3	483.0	416.5	367.2	342.5	335.2	305.6	224.3	160.2
-2.5°	719.7	665.2	563.9	482.9	417.4	369.7	343.1	334.3	305.4	224.2	159.8
-5°	717.9	663.5	560.8	480.8	417.1	371.4	343.3	332.9	303.7	223.1	158.6
-7.5°	705.7	647.3	548.4	474.4	415.6	372.1	343.3	331.1	300.5	220.9	156.8
-10°	688.4	619.6	522.3	449.9	396.9	362.2	340.8	328.8	295.9	217.7	154.5
-12.5°	667.2	587.0	492.8	423.3	374.0	342.3	324.0	316.2	288.2	213.4	151.6
-15°	642.0	549.0	459.9	394.6	350.0	321.7	306.8	298.4	268.2	204.8	148.5
-17.5°	612.2	505.7	423.4	363.8	324.9	300.7	289.0	280.1	248.2	191.7	142.3
-20°	567.5	465.1	384.2	330.8	298.8	279.0	270.6	261.5	228.5	178.1	133.8



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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°	518.4	429.0	356.4	300.6	273.0	256.9	251.5	242.6	209.2	164.4	124.9
-25°	467.8	390.9	329.3	282.5	249.1	236.4	231.1	223.4	190.8	150.6	115.9
-27.5°	422.0	353.4	301.2	263.3	235.1	214.9	209.9	200.7	173.3	136.8	106.7
-30°	376.9	321.8	277.9	244.3	220.2	202.3	188.3	179.7	156.4	124.5	97.4
-32.5°	340.4	289.6	255.1	227.3	205.9	189.5	172.1	160.7	140.0	113.2	88.7
-35°	313.2	265.5	231.8	209.3	191.5	175.4	159.1	143.7	124.2	101.9	80.4
-37.5°	284.9	246.3	211.6	191.5	176.4	160.6	146.0	130.3	108.9	90.8	72.1
-40°	263.0	228.0	197.2	174.4	159.9	145.2	132.5	116.4	95.7	79.8	64.1
-42.5°	240.6	211.9	184.2	158.5	142.5	130.2	118.7	102.9	85.2	70.1	56.1
-45°	222.9	196.1	171.1	145.4	124.7	115.0	104.6	90.2	75.2	61.2	48.9
-47.5°	205.1	180.9	156.4	131.4	109.1	100.1	91.2	79.4	65.4	52.8	42.5
-50°	187.6	164.3	140.3	118.2	97.5	86.9	78.9	69.0	57.6	45.8	36.4
-52.5°	166.5	146.0	124.8	104.9	87.8	74.7	68.3	59.1	49.9	39.6	30.4
-55°	144.0	128.6	109.7	92.6	77.7	65.2	58.2	51.0	42.3	33.8	24.9
-57.5°	124.2	111.0	95.2	80.3	68.2	57.1	49.4	43.0	35.7	28.0	21.3
-60°	105.8	94.2	80.4	69.5	59.2	49.2	41.3	35.5	29.5	22.7	17.8
-62.5°	90.6	79.1	69.0	59.6	50.4	41.6	33.6	29.0	23.3	19.0	14.5
-65°	77.1	67.5	58.2	49.8	41.6	33.9	27.2	22.6	18.8	15.2	11.5
-67.5°	64.1	54.8	47.1	39.7	33.1	26.9	20.9	17.7	14.9	11.5	9.5
-70°	47.2	40.5	35.9	30.6	25.0	19.9	16.3	13.5	10.9	9.3	7.4
-72.5°	32.5	29.2	25.7	21.6	18.1	14.8	11.9	9.7	8.6	7.2	5.4
-75°	21.1	19.3	17.4	14.9	12.2	9.8	8.6	7.6	6.5	5.1	4.9
-77.5°	13.7	12.1	10.2	9.2	8.3	7.3	6.4	5.4	4.9	4.9	4.9
-80°	8.4	7.7	7.0	6.3	5.6	4.9	4.8	4.9	4.9	4.9	4.9
-82.5°	5.0	4.7	4.5	4.2	4.2	4.3	4.6	4.9	4.9	4.9	4.4
-85°	3.3	3.2	3.0	2.9	3.3	3.7	4.0	4.1	3.7	3.3	2.9
-87.5°	1.7	1.6	1.5	1.4	1.7	1.9	2.0	2.1	1.9	1.7	1.5
-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°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
80°	4.9	4.2	3.4	2.5	1.7	0.9	0.0
77.5°	4.9	4.9	4.2	3.2	2.1	1.1	0.0
75°	4.9	4.9	4.9	3.8	2.5	1.3	0.0
72.5°	4.9	4.9	4.9	4.4	2.9	1.5	0.0
70°	5.1	4.9	4.9	4.9	3.3	1.7	0.0
67.5°	7.0	4.9	4.9	4.9	3.7	1.9	0.0
65°	8.9	5.7	4.9	4.9	4.1	2.1	0.0
62.5°	10.7	7.4	4.9	4.9	4.5	2.3	0.0
60°	12.6	9.0	4.9	4.9	4.9	2.4	0.0
57.5°	15.7	10.6	6.2	4.9	4.9	2.6	0.0
55°	19.1	12.2	7.5	4.9	5.0	2.8	0.0
52.5°	22.6	14.0	8.8	4.9	5.0	3.0	0.0
50°	26.2	17.1	10.1	4.9	5.1	3.1	0.0
47.5°	30.1	20.3	11.4	5.1	5.1	3.3	0.0
45°	35.6	23.4	12.6	6.1	5.2	3.5	0.0
42.5°	41.2	26.5	13.8	7.0	5.3	3.6	0.0
40°	46.9	29.7	15.6	7.9	5.4	3.8	0.0
37.5°	52.6	32.8	18.0	8.7	5.5	3.9	0.0
35°	58.4	36.9	20.4	9.4	5.6	4.0	0.0
32.5°	64.4	41.4	22.7	10.1	5.7	4.1	0.0
30°	71.1	45.8	25.0	10.7	5.8	4.2	0.0
27.5°	77.8	50.2	26.4	11.2	5.9	4.3	0.0
25°	84.3	54.4	27.6	11.6	6.1	4.4	0.0
22.5°	90.8	57.7	28.4	12.0	6.2	4.5	0.0
20°	97.0	58.9	29.1	12.2	6.3	4.6	0.0
17.5°	100.3	59.7	29.5	12.4	6.5	4.7	0.0
15°	101.5	60.0	29.7	12.6	6.6	4.7	0.0
12.5°	102.2	60.0	29.7	12.6	6.8	4.8	0.0
10°	102.5	59.5	29.5	12.7	6.9	4.8	0.0
7.5°	102.2	58.7	29.1	12.6	7.0	4.9	0.0
5°	101.5	57.5	28.6	12.6	7.2	4.9	0.0
2.5°	100.3	56.0	27.9	12.4	7.3	4.9	0.0
0°	98.6	54.2	27.1	12.3	7.4	4.9	0.0
-2.5°	100.3	56.0	27.9	12.4	7.3	4.9	0.0
-5°	101.5	57.5	28.6	12.6	7.2	4.9	0.0
-7.5°	102.2	58.7	29.1	12.6	7.0	4.9	0.0
-10°	102.5	59.5	29.5	12.7	6.9	4.8	0.0
-12.5°	102.2	60.0	29.7	12.6	6.8	4.8	0.0
-15°	101.5	60.0	29.7	12.6	6.6	4.7	0.0
-17.5°	100.3	59.7	29.5	12.4	6.5	4.7	0.0
-20°	97.0	58.9	29.1	12.2	6.3	4.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.8	57.7	28.4	12.0	6.2	4.5	0.0
-25°	84.3	54.4	27.6	11.6	6.1	4.4	0.0
-27.5°	77.8	50.2	26.4	11.2	5.9	4.3	0.0
-30°	71.1	45.8	25.0	10.7	5.8	4.2	0.0
-32.5°	64.4	41.4	22.7	10.1	5.7	4.1	0.0
-35°	58.4	36.9	20.4	9.4	5.6	4.0	0.0
-37.5°	52.6	32.8	18.0	8.7	5.5	3.9	0.0
-40°	46.9	29.7	15.6	7.9	5.4	3.8	0.0
-42.5°	41.2	26.5	13.8	7.0	5.3	3.6	0.0
-45°	35.6	23.4	12.6	6.1	5.2	3.5	0.0
-47.5°	30.1	20.3	11.4	5.1	5.1	3.3	0.0
-50°	26.2	17.1	10.1	4.9	5.1	3.1	0.0
-52.5°	22.6	14.0	8.8	4.9	5.0	3.0	0.0
-55°	19.1	12.2	7.5	4.9	5.0	2.8	0.0
-57.5°	15.7	10.6	6.2	4.9	4.9	2.6	0.0
-60°	12.6	9.0	4.9	4.9	4.9	2.4	0.0
-62.5°	10.7	7.4	4.9	4.9	4.5	2.3	0.0
-65°	8.9	5.7	4.9	4.9	4.1	2.1	0.0
-67.5°	7.0	4.9	4.9	4.9	3.7	1.9	0.0
-70°	5.1	4.9	4.9	4.9	3.3	1.7	0.0
-72.5°	4.9	4.9	4.9	4.4	2.9	1.5	0.0
-75°	4.9	4.9	4.9	3.8	2.5	1.3	0.0
-77.5°	4.9	4.9	4.2	3.2	2.1	1.1	0.0
-80°	4.9	4.2	3.4	2.5	1.7	0.9	0.0
-82.5°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-85°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)