

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: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559113 (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-930-U-TSB-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

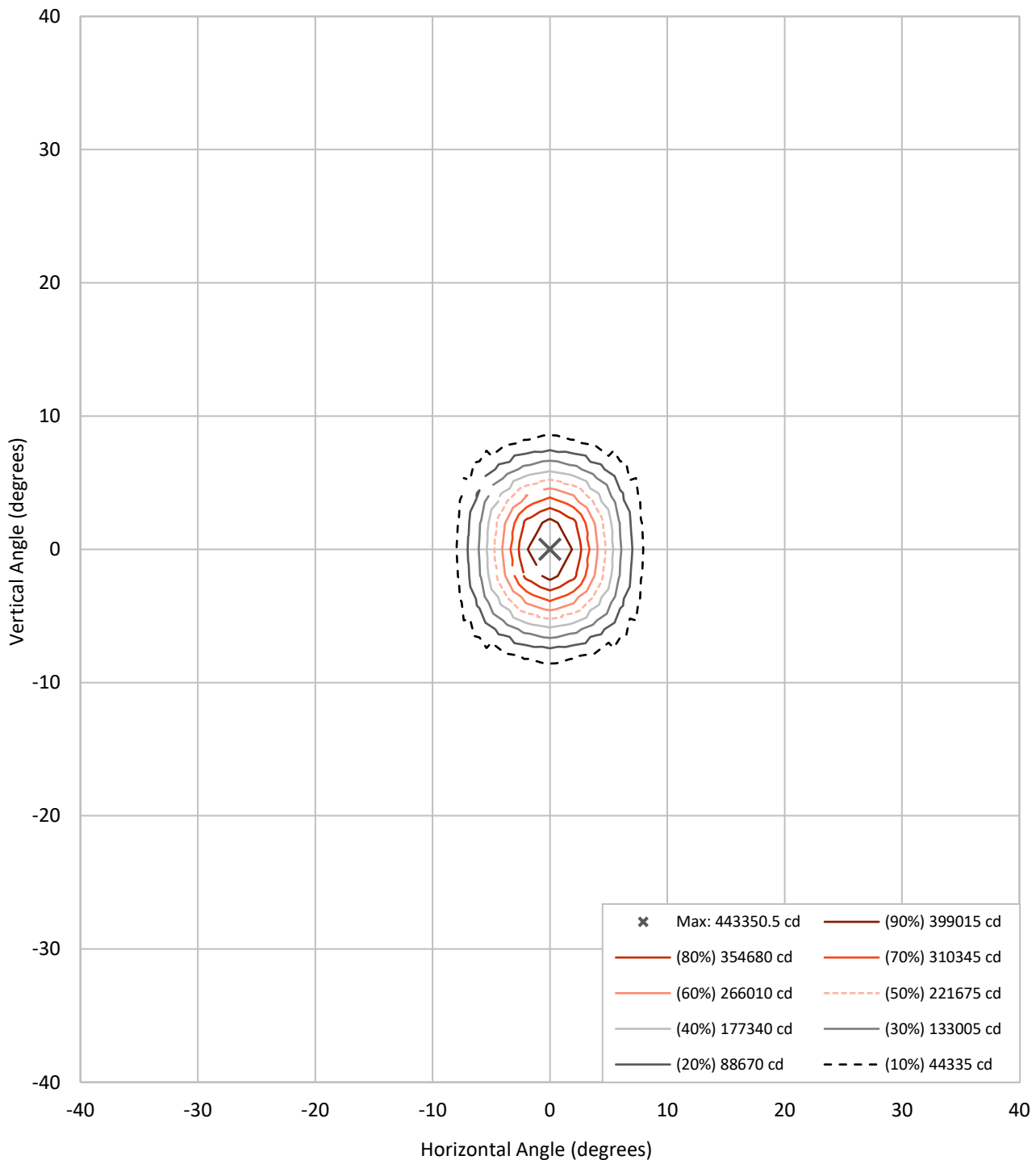
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17265 lumens	Max Intensity:	443350.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	7400.1 lumens	Field Lumens:	12754 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





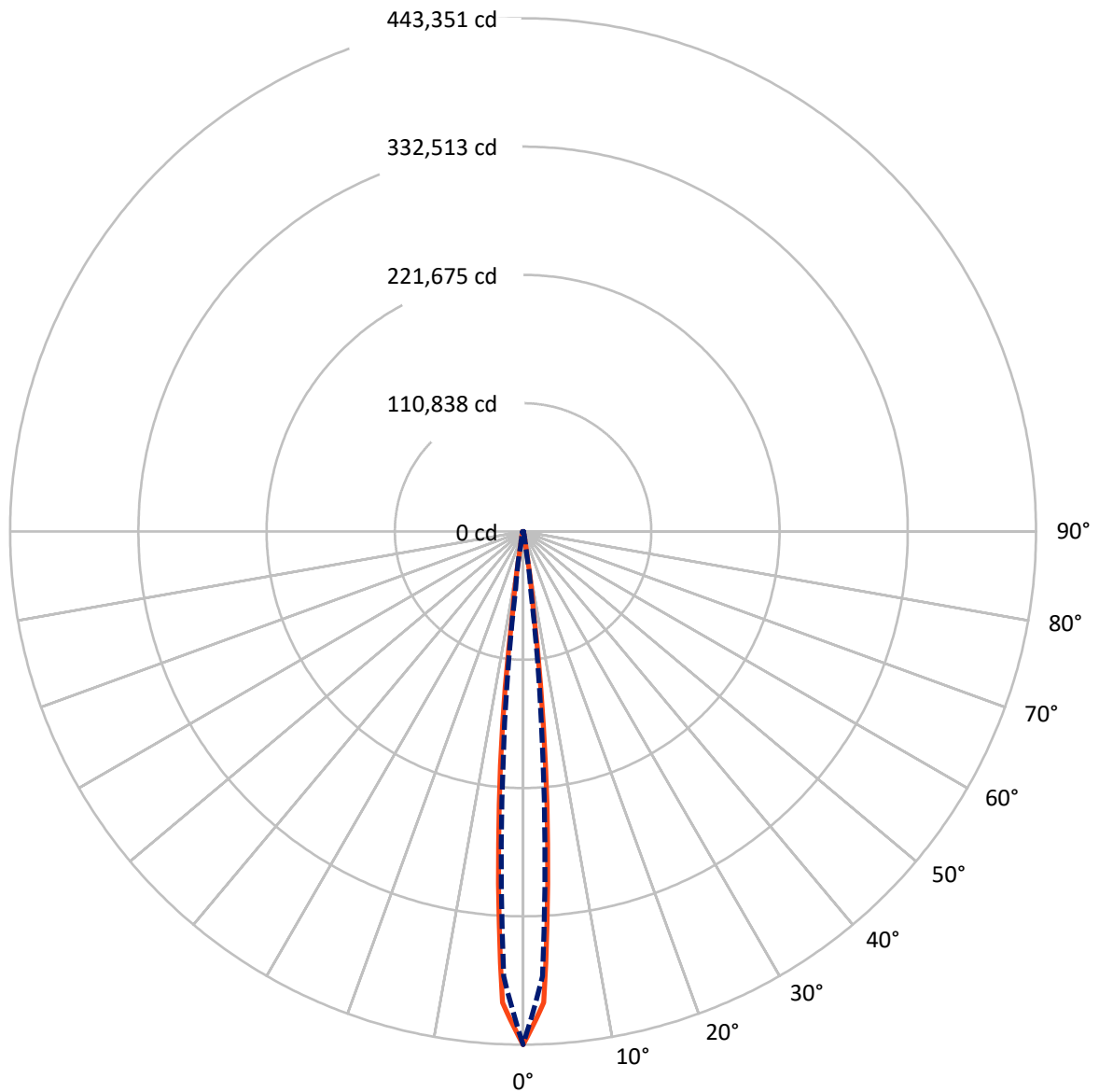
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### Lumen Table

90																
80	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1
70																
60	0.3	0.3	0.9	1.9	2.9	3.8	6.1	10.7	10.7	6.1	3.8	2.9	1.9	0.9	0.3	0.3
50		0.7	1.7	3.5	5.6	7.7	10.3	13.9	13.9	10.3	7.7	5.6	3.5	1.7	0.7	
40	0.9	1.2	2.7	5.6	9.7	14.6	18.8	22.4	22.4	18.8	14.6	9.7	5.6	2.7	1.2	0.9
30		1.9	3.9	8.4	15.2	20.4	23.1	24.5	24.5	23.1	20.4	15.2	8.4	3.9	1.9	
20	1.7	2.8	5.3	11.9	18.6	22.2	30.3	39.8	39.8	30.3	22.2	18.6	11.9	5.3	2.8	1.7
10		3.8	7.4	15.0	20.6	29.3	59.3	118.6	118.6	59.3	29.3	20.6	15.0	7.4	3.8	
0	2.0	4.2	8.8	16.8	21.4	37.5	117.3	3468.8	3468.8	117.3	37.5	21.4	16.8	8.8	4.2	2.0
-10		4.2	8.8	16.8	21.4	37.5	117.3	3468.8	3468.8	117.3	37.5	21.4	16.8	8.8	4.2	
-20	1.7	3.8	7.4	15.0	20.6	29.3	59.3	118.6	118.6	59.3	29.3	20.6	15.0	7.4	3.8	1.7
-30		2.8	5.3	11.9	18.6	22.2	30.3	39.8	39.8	30.3	22.2	18.6	11.9	5.3	2.8	
-40	0.9	1.9	3.9	8.4	15.2	20.4	23.1	24.5	24.5	23.1	20.4	15.2	8.4	3.9	1.9	0.9
-50		1.2	2.7	5.6	9.7	14.6	18.8	22.4	22.4	18.8	14.6	9.7	5.6	2.7	1.2	
-60	0.3	0.7	1.7	3.5	5.6	7.7	10.3	13.9	13.9	10.3	7.7	5.6	3.5	1.7	0.7	0.3
-70		0.3	0.9	1.9	2.9	3.8	6.1	10.7	10.7	6.1	3.8	2.9	1.9	0.9	0.3	
-80																
-90	0.1	0.5		1.8		4.2		7.1		4.2		1.8		0.5		0.1

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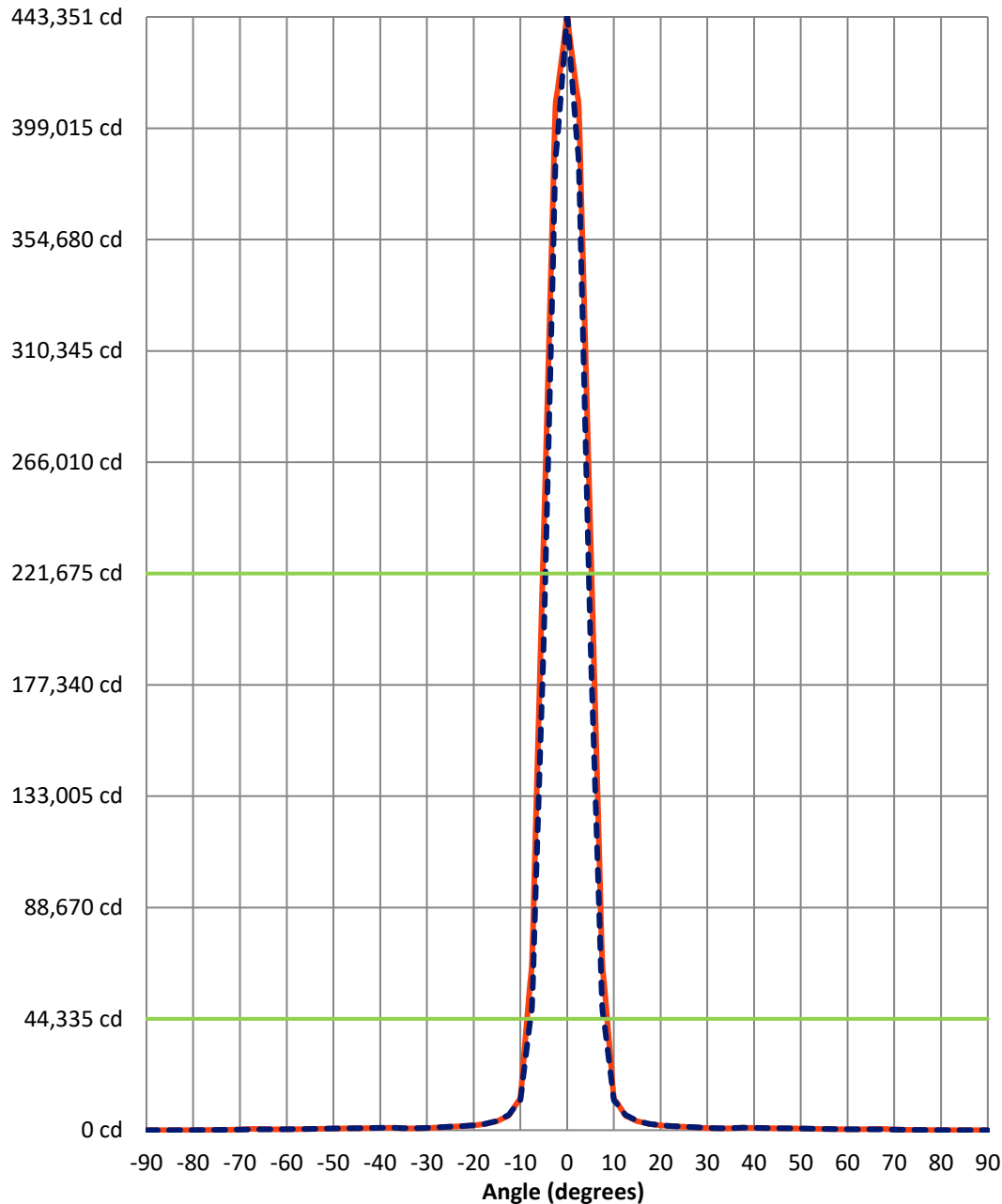
### Luminous Intensity Polar Plot



— 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: 7400.1  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 12754  
Efficiency: 73.9%

**Spill:**  
Lumens: 4511  
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	0.7	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	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.0	5.0
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.0	5.0	5.0	5.0
77.5°	0.0	1.1	2.2	3.2	4.3	5.0	5.0	5.0	5.0	5.0	5.5
75°	0.0	1.3	2.6	3.9	5.0	5.0	5.0	5.0	5.2	6.6	7.7
72.5°	0.0	1.5	3.0	4.5	5.0	5.0	5.0	5.5	7.4	8.8	9.9
70°	0.0	1.7	3.4	5.0	5.0	5.0	5.2	7.6	9.6	11.1	13.8
67.5°	0.0	1.9	3.8	5.0	5.0	5.0	7.2	9.7	11.8	15.2	18.1
65°	0.0	2.1	4.2	5.0	5.0	5.8	9.1	11.8	15.6	19.3	23.1
62.5°	0.0	2.3	4.6	5.0	5.0	7.5	11.0	14.8	19.4	23.9	29.7
60°	0.0	2.5	5.0	5.0	5.0	9.2	12.9	18.3	23.2	30.2	36.3
57.5°	0.0	2.7	5.0	5.0	6.3	10.8	16.1	21.8	28.7	36.5	44.0
55°	0.0	2.9	5.1	5.0	7.7	12.5	19.6	25.5	34.6	43.2	52.1
52.5°	0.0	3.0	5.1	5.0	9.0	14.4	23.1	31.1	40.5	51.0	60.5
50°	0.0	3.2	5.2	5.0	10.3	17.5	26.8	37.2	46.8	58.9	70.6
47.5°	0.0	3.4	5.2	5.2	11.6	20.7	30.7	43.5	54.0	67.0	81.3
45°	0.0	3.5	5.3	6.2	12.9	23.9	36.4	50.0	62.6	77.0	92.3
42.5°	0.0	3.7	5.4	7.1	14.1	27.1	42.1	57.4	71.7	87.3	105.3
40°	0.0	3.8	5.5	8.0	16.0	30.3	47.9	65.5	81.6	98.0	119.1
37.5°	0.0	4.0	5.6	8.9	18.4	33.5	53.8	73.8	92.9	111.5	133.4
35°	0.0	4.1	5.7	9.6	20.8	37.7	59.7	82.2	104.3	127.1	147.1
32.5°	0.0	4.2	5.8	10.3	23.2	42.3	65.9	90.8	115.8	143.3	164.4
30°	0.0	4.3	5.9	10.9	25.5	46.8	72.7	99.6	127.4	160.1	183.9
27.5°	0.0	4.4	6.1	11.4	27.0	51.3	79.5	109.2	140.0	177.3	205.5
25°	0.0	4.5	6.2	11.9	28.2	55.6	86.2	118.6	154.1	195.2	228.7
22.5°	0.0	4.6	6.4	12.2	29.1	59.0	92.8	127.8	168.3	214.1	248.4
20°	0.0	4.7	6.5	12.5	29.7	60.3	99.2	136.9	182.3	233.8	267.7
17.5°	0.0	4.8	6.6	12.7	30.1	61.1	102.6	145.6	196.1	254.1	286.7
15°	0.0	4.8	6.8	12.9	30.4	61.4	103.8	151.9	209.6	274.5	305.4
12.5°	0.0	4.9	6.9	12.9	30.4	61.3	104.6	155.1	218.4	295.0	323.6
10°	0.0	4.9	7.1	13.0	30.2	60.9	104.8	158.0	222.8	302.8	336.5
7.5°	0.0	5.0	7.2	12.9	29.8	60.0	104.6	160.4	226.1	307.6	338.8
5°	0.0	5.0	7.4	12.9	29.2	58.8	103.9	162.3	228.3	310.8	340.7
2.5°	0.0	5.0	7.5	12.7	28.5	57.3	102.7	163.5	229.4	312.5	342.1
0°	0.0	5.0	7.6	12.6	27.7	55.5	100.9	163.9	229.5	312.7	343.0
-2.5°	0.0	5.0	7.5	12.7	28.5	57.3	102.7	163.5	229.4	312.5	342.1
-5°	0.0	5.0	7.4	12.9	29.2	58.8	103.9	162.3	228.3	310.8	340.7
-7.5°	0.0	5.0	7.2	12.9	29.8	60.0	104.6	160.4	226.1	307.6	338.8
-10°	0.0	4.9	7.1	13.0	30.2	60.9	104.8	158.0	222.8	302.8	336.5
-12.5°	0.0	4.9	6.9	12.9	30.4	61.3	104.6	155.1	218.4	295.0	323.6
-15°	0.0	4.8	6.8	12.9	30.4	61.4	103.8	151.9	209.6	274.5	305.4
-17.5°	0.0	4.8	6.6	12.7	30.1	61.1	102.6	145.6	196.1	254.1	286.7
-20°	0.0	4.7	6.5	12.5	29.7	60.3	99.2	136.9	182.3	233.8	267.7



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 CATALOG NUMBER: GFLD-SA5E-930-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	4.6	6.4	12.2	29.1	59.0	92.8	127.8	168.3	214.1	248.4
-25°	0.0	4.5	6.2	11.9	28.2	55.6	86.2	118.6	154.1	195.2	228.7
-27.5°	0.0	4.4	6.1	11.4	27.0	51.3	79.5	109.2	140.0	177.3	205.5
-30°	0.0	4.3	5.9	10.9	25.5	46.8	72.7	99.6	127.4	160.1	183.9
-32.5°	0.0	4.2	5.8	10.3	23.2	42.3	65.9	90.8	115.8	143.3	164.4
-35°	0.0	4.1	5.7	9.6	20.8	37.7	59.7	82.2	104.3	127.1	147.1
-37.5°	0.0	4.0	5.6	8.9	18.4	33.5	53.8	73.8	92.9	111.5	133.4
-40°	0.0	3.8	5.5	8.0	16.0	30.3	47.9	65.5	81.6	98.0	119.1
-42.5°	0.0	3.7	5.4	7.1	14.1	27.1	42.1	57.4	71.7	87.3	105.3
-45°	0.0	3.5	5.3	6.2	12.9	23.9	36.4	50.0	62.6	77.0	92.3
-47.5°	0.0	3.4	5.2	5.2	11.6	20.7	30.7	43.5	54.0	67.0	81.3
-50°	0.0	3.2	5.2	5.0	10.3	17.5	26.8	37.2	46.8	58.9	70.6
-52.5°	0.0	3.0	5.1	5.0	9.0	14.4	23.1	31.1	40.5	51.0	60.5
-55°	0.0	2.9	5.1	5.0	7.7	12.5	19.6	25.5	34.6	43.2	52.1
-57.5°	0.0	2.7	5.0	5.0	6.3	10.8	16.1	21.8	28.7	36.5	44.0
-60°	0.0	2.5	5.0	5.0	5.0	9.2	12.9	18.3	23.2	30.2	36.3
-62.5°	0.0	2.3	4.6	5.0	5.0	7.5	11.0	14.8	19.4	23.9	29.7
-65°	0.0	2.1	4.2	5.0	5.0	5.8	9.1	11.8	15.6	19.3	23.1
-67.5°	0.0	1.9	3.8	5.0	5.0	5.0	7.2	9.7	11.8	15.2	18.1
-70°	0.0	1.7	3.4	5.0	5.0	5.0	5.2	7.6	9.6	11.1	13.8
-72.5°	0.0	1.5	3.0	4.5	5.0	5.0	5.0	5.5	7.4	8.8	9.9
-75°	0.0	1.3	2.6	3.9	5.0	5.0	5.0	5.0	5.2	6.6	7.7
-77.5°	0.0	1.1	2.2	3.2	4.3	5.0	5.0	5.0	5.0	5.0	5.5
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.0	5.0	5.0	5.0	5.0
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.0	5.0	5.0
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	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°	4.1	3.8	3.3	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
82.5°	4.6	4.4	4.3	4.3	4.6	4.8	5.1	5.6	6.1	6.5	6.9
80°	4.9	5.0	5.7	6.5	7.2	7.9	8.5	9.2	9.8	10.7	12.1
77.5°	6.5	7.5	8.4	9.3	10.4	12.4	14.1	15.5	17.2	19.2	21.4
75°	8.8	10.0	12.4	15.2	17.7	19.7	21.6	24.3	27.6	31.3	34.9
72.5°	12.1	15.2	18.5	22.0	26.3	29.9	33.3	36.6	42.0	48.0	52.4
70°	16.7	20.4	25.6	31.4	36.8	41.5	48.3	56.5	64.8	69.0	71.5
67.5°	21.5	27.5	33.9	40.7	48.3	56.1	65.6	74.5	83.0	86.4	89.6
65°	27.9	34.7	42.6	51.0	59.6	69.1	78.8	88.8	97.6	102.1	107.3
62.5°	34.4	42.6	51.6	61.0	70.6	80.9	92.7	102.7	110.3	119.4	130.0
60°	42.2	50.4	60.6	71.1	82.2	96.5	108.3	119.4	129.6	140.0	155.9
57.5°	50.5	58.4	69.8	82.2	97.4	113.7	127.1	139.1	153.2	168.0	184.2
55°	59.6	66.6	79.5	94.8	112.3	131.6	147.4	163.8	180.1	193.3	207.6
52.5°	69.9	76.3	89.8	107.4	127.8	149.4	170.5	187.6	202.7	217.2	233.5
50°	80.7	88.9	99.8	121.0	143.6	168.2	192.0	209.2	226.4	243.4	261.7
47.5°	93.3	102.4	111.6	134.5	160.1	185.2	209.9	231.9	250.9	273.6	294.6
45°	107.0	117.7	127.6	148.8	175.1	200.7	228.1	254.6	281.3	308.1	341.7
42.5°	121.5	133.3	145.8	162.3	188.5	216.9	246.2	281.5	315.4	352.7	396.3
40°	135.6	148.6	163.7	178.5	201.8	233.4	269.2	308.7	356.6	404.9	457.6
37.5°	149.4	164.4	180.6	195.9	216.6	252.1	291.6	342.0	399.7	460.7	527.8
35°	162.9	179.5	196.0	214.1	237.3	271.7	320.5	377.7	446.8	523.9	585.3
32.5°	176.1	194.0	210.7	232.6	261.1	296.4	348.3	420.3	500.1	578.3	619.4
30°	192.7	207.0	225.3	250.0	284.4	329.4	385.7	463.3	554.0	607.4	645.6
27.5°	214.8	219.9	240.6	269.5	308.3	361.8	431.8	512.5	587.5	634.4	668.6
25°	236.6	241.9	254.9	289.1	337.0	400.1	478.7	570.8	615.3	654.9	694.5
22.5°	257.4	262.9	279.4	307.7	364.8	439.1	530.6	611.1	653.5	678.7	721.6
20°	276.9	285.6	305.8	338.6	393.3	476.0	580.8	648.5	688.8	719.1	758.7
17.5°	295.8	307.7	332.6	372.4	433.4	517.5	626.5	685.7	725.1	754.4	803.4
15°	314.0	329.3	358.2	403.9	470.7	561.9	657.0	716.3	758.7	787.5	844.7
12.5°	331.6	350.3	382.8	433.3	504.4	600.7	682.9	736.0	778.3	822.3	881.5
10°	348.8	370.7	406.2	460.5	534.5	634.1	704.5	751.8	794.1	850.1	911.8
7.5°	351.4	380.9	425.4	485.6	561.3	662.4	722.3	764.2	810.1	875.6	939.3
5°	351.4	380.1	426.8	492.1	573.9	679.0	734.7	773.5	825.5	898.2	963.8
2.5°	351.1	378.4	427.1	494.2	577.2	680.8	736.6	775.9	834.4	920.5	986.4
0°	350.6	375.8	426.2	494.3	577.6	678.5	736.5	776.8	839.9	940.8	1006.3
-2.5°	351.1	378.4	427.1	494.2	577.2	680.8	736.6	775.9	834.4	920.5	986.4
-5°	351.4	380.1	426.8	492.1	573.9	679.0	734.7	773.5	825.5	898.2	963.8
-7.5°	351.4	380.9	425.4	485.6	561.3	662.4	722.3	764.2	810.1	875.6	939.3
-10°	348.8	370.7	406.2	460.5	534.5	634.1	704.5	751.8	794.1	850.1	911.8
-12.5°	331.6	350.3	382.8	433.3	504.4	600.7	682.9	736.0	778.3	822.3	881.5
-15°	314.0	329.3	358.2	403.9	470.7	561.9	657.0	716.3	758.7	787.5	844.7
-17.5°	295.8	307.7	332.6	372.4	433.4	517.5	626.5	685.7	725.1	754.4	803.4
-20°	276.9	285.6	305.8	338.6	393.3	476.0	580.8	648.5	688.8	719.1	758.7



REPORT NUMBER: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	257.4	262.9	279.4	307.7	364.8	439.1	530.6	611.1	653.5	678.7	721.6
-25°	236.6	241.9	254.9	289.1	337.0	400.1	478.7	570.8	615.3	654.9	694.5
-27.5°	214.8	219.9	240.6	269.5	308.3	361.8	431.8	512.5	587.5	634.4	668.6
-30°	192.7	207.0	225.3	250.0	284.4	329.4	385.7	463.3	554.0	607.4	645.6
-32.5°	176.1	194.0	210.7	232.6	261.1	296.4	348.3	420.3	500.1	578.3	619.4
-35°	162.9	179.5	196.0	214.1	237.3	271.7	320.5	377.7	446.8	523.9	585.3
-37.5°	149.4	164.4	180.6	195.9	216.6	252.1	291.6	342.0	399.7	460.7	527.8
-40°	135.6	148.6	163.7	178.5	201.8	233.4	269.2	308.7	356.6	404.9	457.6
-42.5°	121.5	133.3	145.8	162.3	188.5	216.9	246.2	281.5	315.4	352.7	396.3
-45°	107.0	117.7	127.6	148.8	175.1	200.7	228.1	254.6	281.3	308.1	341.7
-47.5°	93.3	102.4	111.6	134.5	160.1	185.2	209.9	231.9	250.9	273.6	294.6
-50°	80.7	88.9	99.8	121.0	143.6	168.2	192.0	209.2	226.4	243.4	261.7
-52.5°	69.9	76.3	89.8	107.4	127.8	149.4	170.5	187.6	202.7	217.2	233.5
-55°	59.6	66.6	79.5	94.8	112.3	131.6	147.4	163.8	180.1	193.3	207.6
-57.5°	50.5	58.4	69.8	82.2	97.4	113.7	127.1	139.1	153.2	168.0	184.2
-60°	42.2	50.4	60.6	71.1	82.2	96.5	108.3	119.4	129.6	140.0	155.9
-62.5°	34.4	42.6	51.6	61.0	70.6	80.9	92.7	102.7	110.3	119.4	130.0
-65°	27.9	34.7	42.6	51.0	59.6	69.1	78.8	88.8	97.6	102.1	107.3
-67.5°	21.5	27.5	33.9	40.7	48.3	56.1	65.6	74.5	83.0	86.4	89.6
-70°	16.7	20.4	25.6	31.4	36.8	41.5	48.3	56.5	64.8	69.0	71.5
-72.5°	12.1	15.2	18.5	22.0	26.3	29.9	33.3	36.6	42.0	48.0	52.4
-75°	8.8	10.0	12.4	15.2	17.7	19.7	21.6	24.3	27.6	31.3	34.9
-77.5°	6.5	7.5	8.4	9.3	10.4	12.4	14.1	15.5	17.2	19.2	21.4
-80°	4.9	5.0	5.7	6.5	7.2	7.9	8.5	9.2	9.8	10.7	12.1
-82.5°	4.6	4.4	4.3	4.3	4.6	4.8	5.1	5.6	6.1	6.5	6.9
-85°	4.1	3.8	3.3	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-87.5°	2.0	1.9	1.7	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
-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: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
82.5°	7.3	7.7	8.0	8.4	8.7	8.9	9.2	9.4	9.6	9.7	9.9
80°	13.5	14.6	15.4	16.0	16.4	18.2	20.4	22.7	25.1	26.0	26.6
77.5°	24.0	25.8	26.9	27.8	28.3	32.2	37.3	42.6	48.1	50.9	53.2
75°	38.3	40.4	41.8	42.7	43.3	49.4	58.3	67.7	77.5	82.5	86.1
72.5°	55.4	57.1	58.5	59.7	60.4	69.3	85.5	103.0	121.7	133.1	141.4
70°	73.7	75.7	77.4	78.7	79.7	90.4	113.9	138.4	163.7	189.1	216.1
67.5°	93.3	97.5	99.7	100.9	102.2	111.3	136.3	159.3	180.7	226.5	298.7
65°	114.6	124.3	128.3	130.6	131.5	135.6	157.0	176.2	193.6	229.3	284.3
62.5°	141.7	154.5	160.4	163.0	164.5	164.8	182.2	198.4	213.2	235.5	270.5
60°	170.9	184.7	191.9	194.0	195.3	195.8	209.7	225.7	240.5	258.6	291.3
57.5°	197.7	210.6	221.4	225.6	229.0	231.3	243.6	262.3	279.9	298.0	333.1
55°	223.2	238.9	253.9	262.1	269.8	276.6	288.7	312.4	334.9	356.2	392.7
52.5°	251.1	271.2	291.1	306.1	320.7	333.6	346.5	377.2	407.3	435.6	471.1
50°	284.3	309.2	338.2	362.7	383.7	404.4	422.9	459.2	500.0	538.7	576.0
47.5°	326.4	359.3	396.4	431.3	459.7	491.8	520.9	558.2	594.2	630.3	661.1
45°	378.2	423.6	466.4	512.7	553.3	574.5	591.4	614.7	651.7	687.1	715.8
42.5°	444.4	497.2	550.0	584.3	610.5	627.7	640.0	652.2	691.0	725.2	753.0
40°	518.0	571.1	603.6	631.8	649.9	665.2	684.4	703.4	733.9	768.9	799.9
37.5°	581.8	615.9	644.4	666.5	688.4	708.9	736.6	763.8	792.9	832.1	860.9
35°	621.1	651.0	680.0	707.8	735.8	767.2	801.8	841.9	877.5	845.1	798.4
32.5°	651.0	681.8	716.8	759.7	798.3	841.1	884.5	814.8	743.3	715.4	721.1
30°	677.1	712.8	761.1	817.1	870.7	851.5	756.3	723.0	732.8	752.4	790.1
27.5°	705.1	749.6	808.3	877.2	834.9	729.5	735.0	754.4	819.7	875.1	959.2
25°	738.2	791.9	864.8	832.9	736.3	746.3	795.2	868.9	993.3	1109.4	1210.9
22.5°	778.0	846.5	856.1	736.4	749.5	813.4	912.6	1072.3	1223.5	1363.7	1468.4
20°	818.6	897.5	776.1	750.8	806.9	921.1	1105.2	1288.6	1457.3	1582.8	1687.5
17.5°	867.0	839.2	753.3	780.3	893.8	1090.9	1298.2	1492.6	1651.7	1868.6	2053.1
15°	909.5	783.1	767.2	856.0	1026.7	1248.6	1473.8	1648.4	1935.9	2246.6	2560.9
12.5°	885.2	763.2	791.8	923.4	1147.9	1387.6	1586.7	1863.1	2243.4	2697.3	3379.4
10°	849.1	774.4	844.4	1016.6	1251.6	1485.1	1692.0	2054.2	2556.2	3389.9	4463.9
7.5°	821.2	779.2	879.2	1088.2	1328.6	1543.9	1819.7	2259.0	2958.7	4102.4	6389.1
5°	800.0	779.0	895.1	1129.6	1374.4	1584.6	1898.6	2408.0	3353.2	4982.6	8890.2
2.5°	790.7	774.9	899.5	1151.8	1396.7	1607.3	1947.6	2515.0	3602.1	5800.4	11690.1
0°	797.0	766.7	897.9	1160.2	1409.9	1604.1	1954.7	2547.4	3677.3	6102.3	12065.9
-2.5°	790.7	774.9	899.5	1151.8	1396.7	1607.3	1947.6	2515.0	3602.1	5800.4	11690.1
-5°	800.0	779.0	895.1	1129.6	1374.4	1584.6	1898.6	2408.0	3353.2	4982.6	8890.2
-7.5°	821.2	779.2	879.2	1088.2	1328.6	1543.9	1819.7	2259.0	2958.7	4102.4	6389.1
-10°	849.1	774.4	844.4	1016.6	1251.6	1485.1	1692.0	2054.2	2556.2	3389.9	4463.9
-12.5°	885.2	763.2	791.8	923.4	1147.9	1387.6	1586.7	1863.1	2243.4	2697.3	3379.4
-15°	909.5	783.1	767.2	856.0	1026.7	1248.6	1473.8	1648.4	1935.9	2246.6	2560.9
-17.5°	867.0	839.2	753.3	780.3	893.8	1090.9	1298.2	1492.6	1651.7	1868.6	2053.1
-20°	818.6	897.5	776.1	750.8	806.9	921.1	1105.2	1288.6	1457.3	1582.8	1687.5



REPORT NUMBER: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	778.0	846.5	856.1	736.4	749.5	813.4	912.6	1072.3	1223.5	1363.7	1468.4
-25°	738.2	791.9	864.8	832.9	736.3	746.3	795.2	868.9	993.3	1109.4	1210.9
-27.5°	705.1	749.6	808.3	877.2	834.9	729.5	735.0	754.4	819.7	875.1	959.2
-30°	677.1	712.8	761.1	817.1	870.7	851.5	756.3	723.0	732.8	752.4	790.1
-32.5°	651.0	681.8	716.8	759.7	798.3	841.1	884.5	814.8	743.3	715.4	721.1
-35°	621.1	651.0	680.0	707.8	735.8	767.2	801.8	841.9	877.5	845.1	798.4
-37.5°	581.8	615.9	644.4	666.5	688.4	708.9	736.6	763.8	792.9	832.1	860.9
-40°	518.0	571.1	603.6	631.8	649.9	665.2	684.4	703.4	733.9	768.9	799.9
-42.5°	444.4	497.2	550.0	584.3	610.5	627.7	640.0	652.2	691.0	725.2	753.0
-45°	378.2	423.6	466.4	512.7	553.3	574.5	591.4	614.7	651.7	687.1	715.8
-47.5°	326.4	359.3	396.4	431.3	459.7	491.8	520.9	558.2	594.2	630.3	661.1
-50°	284.3	309.2	338.2	362.7	383.7	404.4	422.9	459.2	500.0	538.7	576.0
-52.5°	251.1	271.2	291.1	306.1	320.7	333.6	346.5	377.2	407.3	435.6	471.1
-55°	223.2	238.9	253.9	262.1	269.8	276.6	288.7	312.4	334.9	356.2	392.7
-57.5°	197.7	210.6	221.4	225.6	229.0	231.3	243.6	262.3	279.9	298.0	333.1
-60°	170.9	184.7	191.9	194.0	195.3	195.8	209.7	225.7	240.5	258.6	291.3
-62.5°	141.7	154.5	160.4	163.0	164.5	164.8	182.2	198.4	213.2	235.5	270.5
-65°	114.6	124.3	128.3	130.6	131.5	135.6	157.0	176.2	193.6	229.3	284.3
-67.5°	93.3	97.5	99.7	100.9	102.2	111.3	136.3	159.3	180.7	226.5	298.7
-70°	73.7	75.7	77.4	78.7	79.7	90.4	113.9	138.4	163.7	189.1	216.1
-72.5°	55.4	57.1	58.5	59.7	60.4	69.3	85.5	103.0	121.7	133.1	141.4
-75°	38.3	40.4	41.8	42.7	43.3	49.4	58.3	67.7	77.5	82.5	86.1
-77.5°	24.0	25.8	26.9	27.8	28.3	32.2	37.3	42.6	48.1	50.9	53.2
-80°	13.5	14.6	15.4	16.0	16.4	18.2	20.4	22.7	25.1	26.0	26.6
-82.5°	7.3	7.7	8.0	8.4	8.7	8.9	9.2	9.4	9.6	9.7	9.9
-85°	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9	4.9
-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: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
82.5°	10.0	10.0	10.1	10.1	10.1	10.0	10.0	9.9	9.7	9.6	9.4
80°	27.1	27.4	26.4	25.2	26.4	27.4	27.1	26.6	26.0	25.1	22.7
77.5°	55.4	57.4	55.4	53.0	55.4	57.4	55.4	53.2	50.9	48.1	42.6
75°	89.4	92.3	90.7	88.3	90.7	92.3	89.4	86.1	82.5	77.5	67.7
72.5°	149.3	156.6	154.8	151.3	154.8	156.6	149.3	141.4	133.1	121.7	103.0
70°	244.4	273.2	272.0	264.8	272.0	273.2	244.4	216.1	189.1	163.7	138.4
67.5°	376.9	458.2	484.0	496.9	484.0	458.2	376.9	298.7	226.5	180.7	159.3
65°	335.6	384.7	404.2	418.7	404.2	384.7	335.6	284.3	229.3	193.6	176.2
62.5°	301.9	331.0	337.3	338.0	337.3	331.0	301.9	270.5	235.5	213.2	198.4
60°	323.1	354.0	358.6	353.1	358.6	354.0	323.1	291.3	258.6	240.5	225.7
57.5°	366.9	399.4	405.3	398.5	405.3	399.4	366.9	333.1	298.0	279.9	262.3
55°	427.6	460.3	471.2	469.1	471.2	460.3	427.6	392.7	356.2	334.9	312.4
52.5°	505.0	535.1	547.6	547.3	547.6	535.1	505.0	471.1	435.6	407.3	377.2
50°	608.4	635.4	648.8	650.7	648.8	635.4	608.4	576.0	538.7	500.0	459.2
47.5°	683.0	700.8	710.0	711.2	710.0	700.8	683.0	661.1	630.3	594.2	558.2
45°	728.7	738.2	745.5	751.6	745.5	738.2	728.7	715.8	687.1	651.7	614.7
42.5°	771.7	791.6	806.3	809.6	806.3	791.6	771.7	753.0	725.2	691.0	652.2
40°	829.3	856.7	883.0	910.5	883.0	856.7	829.3	799.9	768.9	733.9	703.4
37.5°	890.8	921.3	946.7	960.9	946.7	921.3	890.8	860.9	832.1	792.9	763.8
35°	765.5	745.5	733.6	728.9	733.6	745.5	765.5	798.4	845.1	877.5	841.9
32.5°	724.5	726.0	723.6	718.8	723.6	726.0	724.5	721.1	715.4	743.3	814.8
30°	818.1	831.4	833.0	832.3	833.0	831.4	818.1	790.1	752.4	732.8	723.0
27.5°	1021.4	1055.5	1066.0	1087.0	1066.0	1055.5	1021.4	959.2	875.1	819.7	754.4
25°	1289.4	1340.8	1365.5	1374.6	1365.5	1340.8	1289.4	1210.9	1109.4	993.3	868.9
22.5°	1527.5	1566.8	1589.7	1609.1	1589.7	1566.8	1527.5	1468.4	1363.7	1223.5	1072.3
20°	1809.8	1881.5	1914.4	1916.8	1914.4	1881.5	1809.8	1687.5	1582.8	1457.3	1288.6
17.5°	2250.5	2390.0	2459.7	2479.3	2459.7	2390.0	2250.5	2053.1	1868.6	1651.7	1492.6
15°	2945.7	3301.7	3484.8	3571.3	3484.8	3301.7	2945.7	2560.9	2246.6	1935.9	1648.4
12.5°	4079.7	4882.3	5531.4	5775.7	5531.4	4882.3	4079.7	3379.4	2697.3	2243.4	1863.1
10°	6326.7	8723.6	11523.8	12830.1	11523.8	8723.6	6326.7	4463.9	3389.9	2556.2	2054.2
7.5°	12239.7	28418.3	55079.5	67797.5	55079.5	28418.3	12239.7	6389.1	4102.4	2958.7	2259.0
5°	26089.2	112593.0	201640.0	236843.4	201640.0	112593.0	26089.2	8890.2	4982.6	3353.2	2408.0
2.5°	41554.6	184667.2	348437.4	407425.3	348437.4	184667.2	41554.6	11690.1	5800.4	3602.1	2515.0
0°	49649.4	194605.2	384492.8	443350.5	384492.8	194605.2	49649.4	12065.9	6102.3	3677.3	2547.4
-2.5°	41554.6	184667.2	348437.4	407425.3	348437.4	184667.2	41554.6	11690.1	5800.4	3602.1	2515.0
-5°	26089.2	112593.0	201640.0	236843.4	201640.0	112593.0	26089.2	8890.2	4982.6	3353.2	2408.0
-7.5°	12239.7	28418.3	55079.5	67797.5	55079.5	28418.3	12239.7	6389.1	4102.4	2958.7	2259.0
-10°	6326.7	8723.6	11523.8	12830.1	11523.8	8723.6	6326.7	4463.9	3389.9	2556.2	2054.2
-12.5°	4079.7	4882.3	5531.4	5775.7	5531.4	4882.3	4079.7	3379.4	2697.3	2243.4	1863.1
-15°	2945.7	3301.7	3484.8	3571.3	3484.8	3301.7	2945.7	2560.9	2246.6	1935.9	1648.4
-17.5°	2250.5	2390.0	2459.7	2479.3	2459.7	2390.0	2250.5	2053.1	1868.6	1651.7	1492.6
-20°	1809.8	1881.5	1914.4	1916.8	1914.4	1881.5	1809.8	1687.5	1582.8	1457.3	1288.6



REPORT NUMBER: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	1527.5	1566.8	1589.7	1609.1	1589.7	1566.8	1527.5	1468.4	1363.7	1223.5	1072.3
-25°	1289.4	1340.8	1365.5	1374.6	1365.5	1340.8	1289.4	1210.9	1109.4	993.3	868.9
-27.5°	1021.4	1055.5	1066.0	1087.0	1066.0	1055.5	1021.4	959.2	875.1	819.7	754.4
-30°	818.1	831.4	833.0	832.3	833.0	831.4	818.1	790.1	752.4	732.8	723.0
-32.5°	724.5	726.0	723.6	718.8	723.6	726.0	724.5	721.1	715.4	743.3	814.8
-35°	765.5	745.5	733.6	728.9	733.6	745.5	765.5	798.4	845.1	877.5	841.9
-37.5°	890.8	921.3	946.7	960.9	946.7	921.3	890.8	860.9	832.1	792.9	763.8
-40°	829.3	856.7	883.0	910.5	883.0	856.7	829.3	799.9	768.9	733.9	703.4
-42.5°	771.7	791.6	806.3	809.6	806.3	791.6	771.7	753.0	725.2	691.0	652.2
-45°	728.7	738.2	745.5	751.6	745.5	738.2	728.7	715.8	687.1	651.7	614.7
-47.5°	683.0	700.8	710.0	711.2	710.0	700.8	683.0	661.1	630.3	594.2	558.2
-50°	608.4	635.4	648.8	650.7	648.8	635.4	608.4	576.0	538.7	500.0	459.2
-52.5°	505.0	535.1	547.6	547.3	547.6	535.1	505.0	471.1	435.6	407.3	377.2
-55°	427.6	460.3	471.2	469.1	471.2	460.3	427.6	392.7	356.2	334.9	312.4
-57.5°	366.9	399.4	405.3	398.5	405.3	399.4	366.9	333.1	298.0	279.9	262.3
-60°	323.1	354.0	358.6	353.1	358.6	354.0	323.1	291.3	258.6	240.5	225.7
-62.5°	301.9	331.0	337.3	338.0	337.3	331.0	301.9	270.5	235.5	213.2	198.4
-65°	335.6	384.7	404.2	418.7	404.2	384.7	335.6	284.3	229.3	193.6	176.2
-67.5°	376.9	458.2	484.0	496.9	484.0	458.2	376.9	298.7	226.5	180.7	159.3
-70°	244.4	273.2	272.0	264.8	272.0	273.2	244.4	216.1	189.1	163.7	138.4
-72.5°	149.3	156.6	154.8	151.3	154.8	156.6	149.3	141.4	133.1	121.7	103.0
-75°	89.4	92.3	90.7	88.3	90.7	92.3	89.4	86.1	82.5	77.5	67.7
-77.5°	55.4	57.4	55.4	53.0	55.4	57.4	55.4	53.2	50.9	48.1	42.6
-80°	27.1	27.4	26.4	25.2	26.4	27.4	27.1	26.6	26.0	25.1	22.7
-82.5°	10.0	10.0	10.1	10.1	10.1	10.0	10.0	9.9	9.7	9.6	9.4
-85°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
-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: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.5
82.5°	9.2	8.9	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.6
80°	20.4	18.2	16.4	16.0	15.4	14.6	13.5	12.1	10.7	9.8	9.2
77.5°	37.3	32.2	28.3	27.8	26.9	25.8	24.0	21.4	19.2	17.2	15.5
75°	58.3	49.4	43.3	42.7	41.8	40.4	38.3	34.9	31.3	27.6	24.3
72.5°	85.5	69.3	60.4	59.7	58.5	57.1	55.4	52.4	48.0	42.0	36.6
70°	113.9	90.4	79.7	78.7	77.4	75.7	73.7	71.5	69.0	64.8	56.5
67.5°	136.3	111.3	102.2	100.9	99.7	97.5	93.3	89.6	86.4	83.0	74.5
65°	157.0	135.6	131.5	130.6	128.3	124.3	114.6	107.3	102.1	97.6	88.8
62.5°	182.2	164.8	164.5	163.0	160.4	154.5	141.7	130.0	119.4	110.3	102.7
60°	209.7	195.8	195.3	194.0	191.9	184.7	170.9	155.9	140.0	129.6	119.4
57.5°	243.6	231.3	229.0	225.6	221.4	210.6	197.7	184.2	168.0	153.2	139.1
55°	288.7	276.6	269.8	262.1	253.9	238.9	223.2	207.6	193.3	180.1	163.8
52.5°	346.5	333.6	320.7	306.1	291.1	271.2	251.1	233.5	217.2	202.7	187.6
50°	422.9	404.4	383.7	362.7	338.2	309.2	284.3	261.7	243.4	226.4	209.2
47.5°	520.9	491.8	459.7	431.3	396.4	359.3	326.4	294.6	273.6	250.9	231.9
45°	591.4	574.5	553.3	512.7	466.4	423.6	378.2	341.7	308.1	281.3	254.6
42.5°	640.0	627.7	610.5	584.3	550.0	497.2	444.4	396.3	352.7	315.4	281.5
40°	684.4	665.2	649.9	631.8	603.6	571.1	518.0	457.6	404.9	356.6	308.7
37.5°	736.6	708.9	688.4	666.5	644.4	615.9	581.8	527.8	460.7	399.7	342.0
35°	801.8	767.2	735.8	707.8	680.0	651.0	621.1	585.3	523.9	446.8	377.7
32.5°	884.5	841.1	798.3	759.7	716.8	681.8	651.0	619.4	578.3	500.1	420.3
30°	756.3	851.5	870.7	817.1	761.1	712.8	677.1	645.6	607.4	554.0	463.3
27.5°	735.0	729.5	834.9	877.2	808.3	749.6	705.1	668.6	634.4	587.5	512.5
25°	795.2	746.3	736.3	832.9	864.8	791.9	738.2	694.5	654.9	615.3	570.8
22.5°	912.6	813.4	749.5	736.4	856.1	846.5	778.0	721.6	678.7	653.5	611.1
20°	1105.2	921.1	806.9	750.8	776.1	897.5	818.6	758.7	719.1	688.8	648.5
17.5°	1298.2	1090.9	893.8	780.3	753.3	839.2	867.0	803.4	754.4	725.1	685.7
15°	1473.8	1248.6	1026.7	856.0	767.2	783.1	909.5	844.7	787.5	758.7	716.3
12.5°	1586.7	1387.6	1147.9	923.4	791.8	763.2	885.2	881.5	822.3	778.3	736.0
10°	1692.0	1485.1	1251.6	1016.6	844.4	774.4	849.1	911.8	850.1	794.1	751.8
7.5°	1819.7	1543.9	1328.6	1088.2	879.2	779.2	821.2	939.3	875.6	810.1	764.2
5°	1898.6	1584.6	1374.4	1129.6	895.1	779.0	800.0	963.8	898.2	825.5	773.5
2.5°	1947.6	1607.3	1396.7	1151.8	899.5	774.9	790.7	986.4	920.5	834.4	775.9
0°	1954.7	1604.1	1409.9	1160.2	897.9	766.7	797.0	1006.3	940.8	839.9	776.8
-2.5°	1947.6	1607.3	1396.7	1151.8	899.5	774.9	790.7	986.4	920.5	834.4	775.9
-5°	1898.6	1584.6	1374.4	1129.6	895.1	779.0	800.0	963.8	898.2	825.5	773.5
-7.5°	1819.7	1543.9	1328.6	1088.2	879.2	779.2	821.2	939.3	875.6	810.1	764.2
-10°	1692.0	1485.1	1251.6	1016.6	844.4	774.4	849.1	911.8	850.1	794.1	751.8
-12.5°	1586.7	1387.6	1147.9	923.4	791.8	763.2	885.2	881.5	822.3	778.3	736.0
-15°	1473.8	1248.6	1026.7	856.0	767.2	783.1	909.5	844.7	787.5	758.7	716.3
-17.5°	1298.2	1090.9	893.8	780.3	753.3	839.2	867.0	803.4	754.4	725.1	685.7
-20°	1105.2	921.1	806.9	750.8	776.1	897.5	818.6	758.7	719.1	688.8	648.5





REPORT NUMBER: P559113 (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°
-22.5°	912.6	813.4	749.5	736.4	856.1	846.5	778.0	721.6	678.7	653.5	611.1
-25°	795.2	746.3	736.3	832.9	864.8	791.9	738.2	694.5	654.9	615.3	570.8
-27.5°	735.0	729.5	834.9	877.2	808.3	749.6	705.1	668.6	634.4	587.5	512.5
-30°	756.3	851.5	870.7	817.1	761.1	712.8	677.1	645.6	607.4	554.0	463.3
-32.5°	884.5	841.1	798.3	759.7	716.8	681.8	651.0	619.4	578.3	500.1	420.3
-35°	801.8	767.2	735.8	707.8	680.0	651.0	621.1	585.3	523.9	446.8	377.7
-37.5°	736.6	708.9	688.4	666.5	644.4	615.9	581.8	527.8	460.7	399.7	342.0
-40°	684.4	665.2	649.9	631.8	603.6	571.1	518.0	457.6	404.9	356.6	308.7
-42.5°	640.0	627.7	610.5	584.3	550.0	497.2	444.4	396.3	352.7	315.4	281.5
-45°	591.4	574.5	553.3	512.7	466.4	423.6	378.2	341.7	308.1	281.3	254.6
-47.5°	520.9	491.8	459.7	431.3	396.4	359.3	326.4	294.6	273.6	250.9	231.9
-50°	422.9	404.4	383.7	362.7	338.2	309.2	284.3	261.7	243.4	226.4	209.2
-52.5°	346.5	333.6	320.7	306.1	291.1	271.2	251.1	233.5	217.2	202.7	187.6
-55°	288.7	276.6	269.8	262.1	253.9	238.9	223.2	207.6	193.3	180.1	163.8
-57.5°	243.6	231.3	229.0	225.6	221.4	210.6	197.7	184.2	168.0	153.2	139.1
-60°	209.7	195.8	195.3	194.0	191.9	184.7	170.9	155.9	140.0	129.6	119.4
-62.5°	182.2	164.8	164.5	163.0	160.4	154.5	141.7	130.0	119.4	110.3	102.7
-65°	157.0	135.6	131.5	130.6	128.3	124.3	114.6	107.3	102.1	97.6	88.8
-67.5°	136.3	111.3	102.2	100.9	99.7	97.5	93.3	89.6	86.4	83.0	74.5
-70°	113.9	90.4	79.7	78.7	77.4	75.7	73.7	71.5	69.0	64.8	56.5
-72.5°	85.5	69.3	60.4	59.7	58.5	57.1	55.4	52.4	48.0	42.0	36.6
-75°	58.3	49.4	43.3	42.7	41.8	40.4	38.3	34.9	31.3	27.6	24.3
-77.5°	37.3	32.2	28.3	27.8	26.9	25.8	24.0	21.4	19.2	17.2	15.5
-80°	20.4	18.2	16.4	16.0	15.4	14.6	13.5	12.1	10.7	9.8	9.2
-82.5°	9.2	8.9	8.7	8.4	8.0	7.7	7.3	6.9	6.5	6.1	5.6
-85°	4.7	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	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: P559113 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-930-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°	3.4	3.2	3.0	2.9	3.3	3.8	4.1	4.2	3.8	3.4	3.0
82.5°	5.1	4.8	4.6	4.3	4.3	4.4	4.6	5.0	5.0	5.0	4.5
80°	8.5	7.9	7.2	6.5	5.7	5.0	4.9	5.0	5.0	5.0	5.0
77.5°	14.1	12.4	10.4	9.3	8.4	7.5	6.5	5.5	5.0	5.0	5.0
75°	21.6	19.7	17.7	15.2	12.4	10.0	8.8	7.7	6.6	5.2	5.0
72.5°	33.3	29.9	26.3	22.0	18.5	15.2	12.1	9.9	8.8	7.4	5.5
70°	48.3	41.5	36.8	31.4	25.6	20.4	16.7	13.8	11.1	9.6	7.6
67.5°	65.6	56.1	48.3	40.7	33.9	27.5	21.5	18.1	15.2	11.8	9.7
65°	78.8	69.1	59.6	51.0	42.6	34.7	27.9	23.1	19.3	15.6	11.8
62.5°	92.7	80.9	70.6	61.0	51.6	42.6	34.4	29.7	23.9	19.4	14.8
60°	108.3	96.5	82.2	71.1	60.6	50.4	42.2	36.3	30.2	23.2	18.3
57.5°	127.1	113.7	97.4	82.2	69.8	58.4	50.5	44.0	36.5	28.7	21.8
55°	147.4	131.6	112.3	94.8	79.5	66.6	59.6	52.1	43.2	34.6	25.5
52.5°	170.5	149.4	127.8	107.4	89.8	76.3	69.9	60.5	51.0	40.5	31.1
50°	192.0	168.2	143.6	121.0	99.8	88.9	80.7	70.6	58.9	46.8	37.2
47.5°	209.9	185.2	160.1	134.5	111.6	102.4	93.3	81.3	67.0	54.0	43.5
45°	228.1	200.7	175.1	148.8	127.6	117.7	107.0	92.3	77.0	62.6	50.0
42.5°	246.2	216.9	188.5	162.3	145.8	133.3	121.5	105.3	87.3	71.7	57.4
40°	269.2	233.4	201.8	178.5	163.7	148.6	135.6	119.1	98.0	81.6	65.5
37.5°	291.6	252.1	216.6	195.9	180.6	164.4	149.4	133.4	111.5	92.9	73.8
35°	320.5	271.7	237.3	214.1	196.0	179.5	162.9	147.1	127.1	104.3	82.2
32.5°	348.3	296.4	261.1	232.6	210.7	194.0	176.1	164.4	143.3	115.8	90.8
30°	385.7	329.4	284.4	250.0	225.3	207.0	192.7	183.9	160.1	127.4	99.6
27.5°	431.8	361.8	308.3	269.5	240.6	219.9	214.8	205.5	177.3	140.0	109.2
25°	478.7	400.1	337.0	289.1	254.9	241.9	236.6	228.7	195.2	154.1	118.6
22.5°	530.6	439.1	364.8	307.7	279.4	262.9	257.4	248.4	214.1	168.3	127.8
20°	580.8	476.0	393.3	338.6	305.8	285.6	276.9	267.7	233.8	182.3	136.9
17.5°	626.5	517.5	433.4	372.4	332.6	307.7	295.8	286.7	254.1	196.1	145.6
15°	657.0	561.9	470.7	403.9	358.2	329.3	314.0	305.4	274.5	209.6	151.9
12.5°	682.9	600.7	504.4	433.3	382.8	350.3	331.6	323.6	295.0	218.4	155.1
10°	704.5	634.1	534.5	460.5	406.2	370.7	348.8	336.5	302.8	222.8	158.0
7.5°	722.3	662.4	561.3	485.6	425.4	380.9	351.4	338.8	307.6	226.1	160.4
5°	734.7	679.0	573.9	492.1	426.8	380.1	351.4	340.7	310.8	228.3	162.3
2.5°	736.6	680.8	577.2	494.2	427.1	378.4	351.1	342.1	312.5	229.4	163.5
0°	736.5	678.5	577.6	494.3	426.2	375.8	350.6	343.0	312.7	229.5	163.9
-2.5°	736.6	680.8	577.2	494.2	427.1	378.4	351.1	342.1	312.5	229.4	163.5
-5°	734.7	679.0	573.9	492.1	426.8	380.1	351.4	340.7	310.8	228.3	162.3
-7.5°	722.3	662.4	561.3	485.6	425.4	380.9	351.4	338.8	307.6	226.1	160.4
-10°	704.5	634.1	534.5	460.5	406.2	370.7	348.8	336.5	302.8	222.8	158.0
-12.5°	682.9	600.7	504.4	433.3	382.8	350.3	331.6	323.6	295.0	218.4	155.1
-15°	657.0	561.9	470.7	403.9	358.2	329.3	314.0	305.4	274.5	209.6	151.9
-17.5°	626.5	517.5	433.4	372.4	332.6	307.7	295.8	286.7	254.1	196.1	145.6
-20°	580.8	476.0	393.3	338.6	305.8	285.6	276.9	267.7	233.8	182.3	136.9



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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°	530.6	439.1	364.8	307.7	279.4	262.9	257.4	248.4	214.1	168.3	127.8
-25°	478.7	400.1	337.0	289.1	254.9	241.9	236.6	228.7	195.2	154.1	118.6
-27.5°	431.8	361.8	308.3	269.5	240.6	219.9	214.8	205.5	177.3	140.0	109.2
-30°	385.7	329.4	284.4	250.0	225.3	207.0	192.7	183.9	160.1	127.4	99.6
-32.5°	348.3	296.4	261.1	232.6	210.7	194.0	176.1	164.4	143.3	115.8	90.8
-35°	320.5	271.7	237.3	214.1	196.0	179.5	162.9	147.1	127.1	104.3	82.2
-37.5°	291.6	252.1	216.6	195.9	180.6	164.4	149.4	133.4	111.5	92.9	73.8
-40°	269.2	233.4	201.8	178.5	163.7	148.6	135.6	119.1	98.0	81.6	65.5
-42.5°	246.2	216.9	188.5	162.3	145.8	133.3	121.5	105.3	87.3	71.7	57.4
-45°	228.1	200.7	175.1	148.8	127.6	117.7	107.0	92.3	77.0	62.6	50.0
-47.5°	209.9	185.2	160.1	134.5	111.6	102.4	93.3	81.3	67.0	54.0	43.5
-50°	192.0	168.2	143.6	121.0	99.8	88.9	80.7	70.6	58.9	46.8	37.2
-52.5°	170.5	149.4	127.8	107.4	89.8	76.3	69.9	60.5	51.0	40.5	31.1
-55°	147.4	131.6	112.3	94.8	79.5	66.6	59.6	52.1	43.2	34.6	25.5
-57.5°	127.1	113.7	97.4	82.2	69.8	58.4	50.5	44.0	36.5	28.7	21.8
-60°	108.3	96.5	82.2	71.1	60.6	50.4	42.2	36.3	30.2	23.2	18.3
-62.5°	92.7	80.9	70.6	61.0	51.6	42.6	34.4	29.7	23.9	19.4	14.8
-65°	78.8	69.1	59.6	51.0	42.6	34.7	27.9	23.1	19.3	15.6	11.8
-67.5°	65.6	56.1	48.3	40.7	33.9	27.5	21.5	18.1	15.2	11.8	9.7
-70°	48.3	41.5	36.8	31.4	25.6	20.4	16.7	13.8	11.1	9.6	7.6
-72.5°	33.3	29.9	26.3	22.0	18.5	15.2	12.1	9.9	8.8	7.4	5.5
-75°	21.6	19.7	17.7	15.2	12.4	10.0	8.8	7.7	6.6	5.2	5.0
-77.5°	14.1	12.4	10.4	9.3	8.4	7.5	6.5	5.5	5.0	5.0	5.0
-80°	8.5	7.9	7.2	6.5	5.7	5.0	4.9	5.0	5.0	5.0	5.0
-82.5°	5.1	4.8	4.6	4.3	4.3	4.4	4.6	5.0	5.0	5.0	4.5
-85°	3.4	3.2	3.0	2.9	3.3	3.8	4.1	4.2	3.8	3.4	3.0
-87.5°	1.7	1.6	1.5	1.4	1.7	1.9	2.0	2.1	1.9	1.7	1.5
-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	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	5.0	5.0	4.3	3.2	2.2	1.1	0.0
75°	5.0	5.0	5.0	3.9	2.6	1.3	0.0
72.5°	5.0	5.0	5.0	4.5	3.0	1.5	0.0
70°	5.2	5.0	5.0	5.0	3.4	1.7	0.0
67.5°	7.2	5.0	5.0	5.0	3.8	1.9	0.0
65°	9.1	5.8	5.0	5.0	4.2	2.1	0.0
62.5°	11.0	7.5	5.0	5.0	4.6	2.3	0.0
60°	12.9	9.2	5.0	5.0	5.0	2.5	0.0
57.5°	16.1	10.8	6.3	5.0	5.0	2.7	0.0
55°	19.6	12.5	7.7	5.0	5.1	2.9	0.0
52.5°	23.1	14.4	9.0	5.0	5.1	3.0	0.0
50°	26.8	17.5	10.3	5.0	5.2	3.2	0.0
47.5°	30.7	20.7	11.6	5.2	5.2	3.4	0.0
45°	36.4	23.9	12.9	6.2	5.3	3.5	0.0
42.5°	42.1	27.1	14.1	7.1	5.4	3.7	0.0
40°	47.9	30.3	16.0	8.0	5.5	3.8	0.0
37.5°	53.8	33.5	18.4	8.9	5.6	4.0	0.0
35°	59.7	37.7	20.8	9.6	5.7	4.1	0.0
32.5°	65.9	42.3	23.2	10.3	5.8	4.2	0.0
30°	72.7	46.8	25.5	10.9	5.9	4.3	0.0
27.5°	79.5	51.3	27.0	11.4	6.1	4.4	0.0
25°	86.2	55.6	28.2	11.9	6.2	4.5	0.0
22.5°	92.8	59.0	29.1	12.2	6.4	4.6	0.0
20°	99.2	60.3	29.7	12.5	6.5	4.7	0.0
17.5°	102.6	61.1	30.1	12.7	6.6	4.8	0.0
15°	103.8	61.4	30.4	12.9	6.8	4.8	0.0
12.5°	104.6	61.3	30.4	12.9	6.9	4.9	0.0
10°	104.8	60.9	30.2	13.0	7.1	4.9	0.0
7.5°	104.6	60.0	29.8	12.9	7.2	5.0	0.0
5°	103.9	58.8	29.2	12.9	7.4	5.0	0.0
2.5°	102.7	57.3	28.5	12.7	7.5	5.0	0.0
0°	100.9	55.5	27.7	12.6	7.6	5.0	0.0
-2.5°	102.7	57.3	28.5	12.7	7.5	5.0	0.0
-5°	103.9	58.8	29.2	12.9	7.4	5.0	0.0
-7.5°	104.6	60.0	29.8	12.9	7.2	5.0	0.0
-10°	104.8	60.9	30.2	13.0	7.1	4.9	0.0
-12.5°	104.6	61.3	30.4	12.9	6.9	4.9	0.0
-15°	103.8	61.4	30.4	12.9	6.8	4.8	0.0
-17.5°	102.6	61.1	30.1	12.7	6.6	4.8	0.0
-20°	99.2	60.3	29.7	12.5	6.5	4.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	92.8	59.0	29.1	12.2	6.4	4.6	0.0
-25°	86.2	55.6	28.2	11.9	6.2	4.5	0.0
-27.5°	79.5	51.3	27.0	11.4	6.1	4.4	0.0
-30°	72.7	46.8	25.5	10.9	5.9	4.3	0.0
-32.5°	65.9	42.3	23.2	10.3	5.8	4.2	0.0
-35°	59.7	37.7	20.8	9.6	5.7	4.1	0.0
-37.5°	53.8	33.5	18.4	8.9	5.6	4.0	0.0
-40°	47.9	30.3	16.0	8.0	5.5	3.8	0.0
-42.5°	42.1	27.1	14.1	7.1	5.4	3.7	0.0
-45°	36.4	23.9	12.9	6.2	5.3	3.5	0.0
-47.5°	30.7	20.7	11.6	5.2	5.2	3.4	0.0
-50°	26.8	17.5	10.3	5.0	5.2	3.2	0.0
-52.5°	23.1	14.4	9.0	5.0	5.1	3.0	0.0
-55°	19.6	12.5	7.7	5.0	5.1	2.9	0.0
-57.5°	16.1	10.8	6.3	5.0	5.0	2.7	0.0
-60°	12.9	9.2	5.0	5.0	5.0	2.5	0.0
-62.5°	11.0	7.5	5.0	5.0	4.6	2.3	0.0
-65°	9.1	5.8	5.0	5.0	4.2	2.1	0.0
-67.5°	7.2	5.0	5.0	5.0	3.8	1.9	0.0
-70°	5.2	5.0	5.0	5.0	3.4	1.7	0.0
-72.5°	5.0	5.0	5.0	4.5	3.0	1.5	0.0
-75°	5.0	5.0	5.0	3.9	2.6	1.3	0.0
-77.5°	5.0	5.0	4.3	3.2	2.2	1.1	0.0
-80°	5.0	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)