

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: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559065 (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-940-U-TSB-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

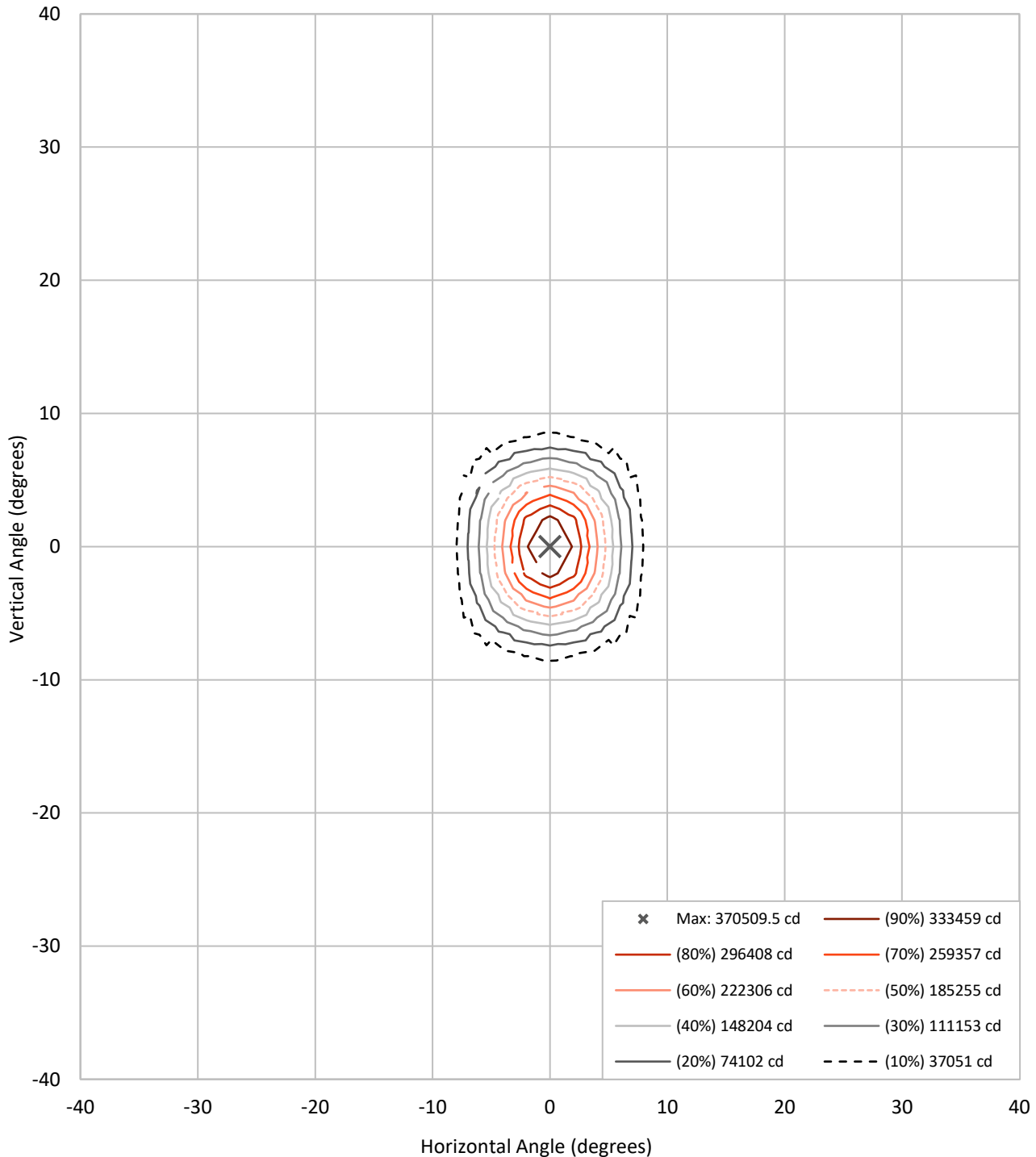
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14428.4 lumens	Max Intensity:	370509.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6184.3 lumens	Field Lumens:	10658.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 201  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





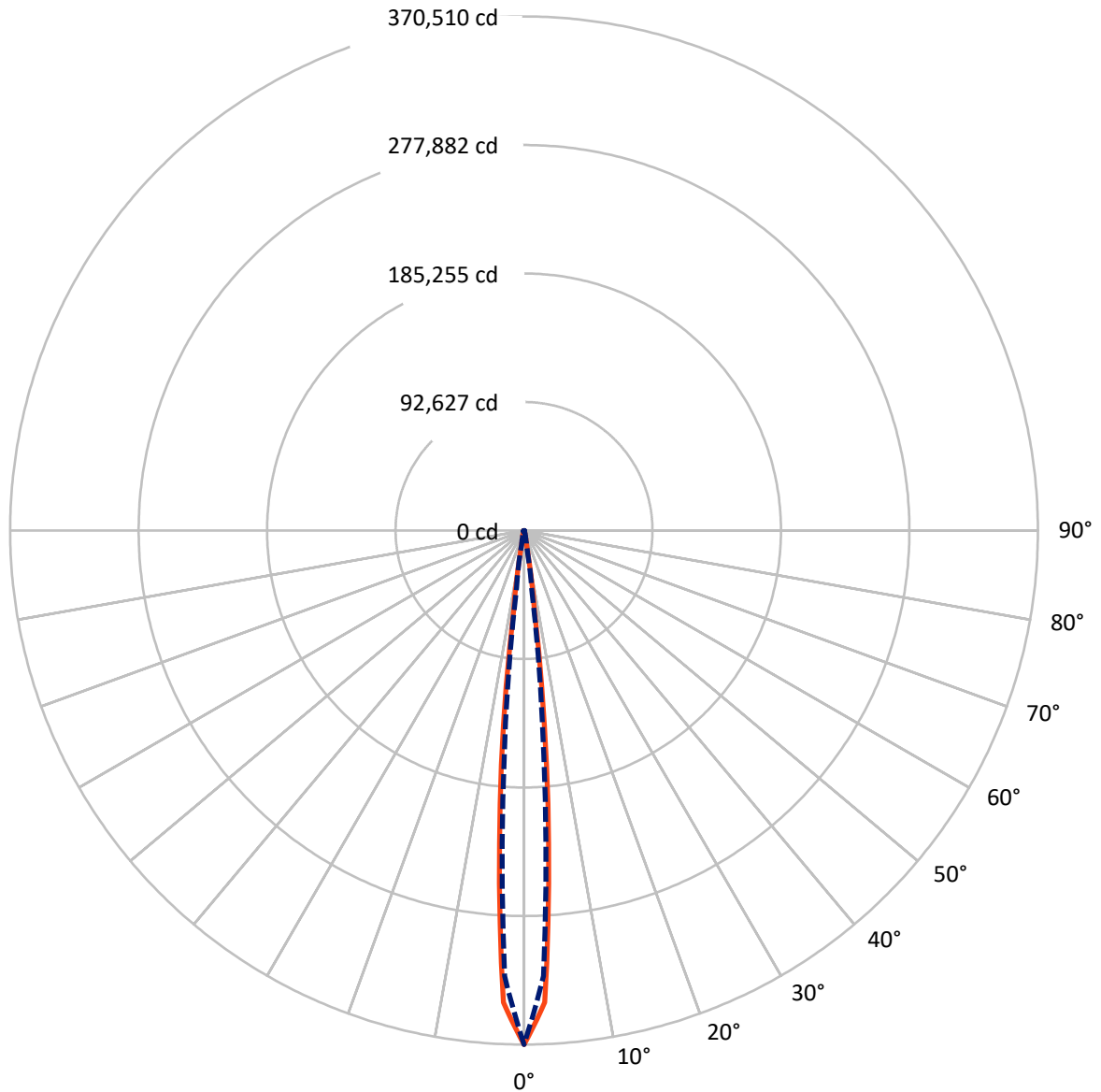
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### Lumen Table

90	0.1	0.4		1.5		3.5		6.0		3.5		1.5		0.4		0.1
80	0.1	0.4		1.5		3.5		6.0		3.5		1.5		0.4		0.1
70	0.2	0.3	0.8	1.6	2.5	3.2	5.1	9.0	9.0	5.1	3.2	2.5	1.6	0.8	0.3	0.2
60		0.6	1.4	3.0	4.7	6.4	8.6	11.6	11.6	8.6	6.4	4.7	3.0	1.4	0.6	
50	0.7	1.0	2.3	4.6	8.1	12.2	15.7	18.7	18.7	15.7	12.2	8.1	4.6	2.3	1.0	0.7
40		1.6	3.2	7.0	12.7	17.1	19.3	20.5	20.5	19.3	17.1	12.7	7.0	3.2	1.6	
30	1.4	2.3	4.5	9.9	15.5	18.6	25.3	33.3	33.3	25.3	18.6	15.5	9.9	4.5	2.3	1.4
20		3.1	6.2	12.6	17.2	24.5	49.6	99.1	99.1	49.6	24.5	17.2	12.6	6.2	3.1	
10	1.7	3.5	7.4	14.0	17.9	31.4	98.0	2898.9	2898.9	98.0	31.4	17.9	14.0	7.4	3.5	1.7
0		3.5	7.4	14.0	17.9	31.4	98.0	2898.9	2898.9	98.0	31.4	17.9	14.0	7.4	3.5	
-10	1.4	3.1	6.2	12.6	17.2	24.5	49.6	99.1	99.1	49.6	24.5	17.2	12.6	6.2	3.1	1.4
-20		2.3	4.5	9.9	15.5	18.6	25.3	33.3	33.3	25.3	18.6	15.5	9.9	4.5	2.3	
-30	0.7	1.6	3.2	7.0	12.7	17.1	19.3	20.5	20.5	19.3	17.1	12.7	7.0	3.2	1.6	0.7
-40		1.0	2.3	4.6	8.1	12.2	15.7	18.7	18.7	15.7	12.2	8.1	4.6	2.3	1.0	
-50	0.2	0.6	1.4	3.0	4.7	6.4	8.6	11.6	11.6	8.6	6.4	4.7	3.0	1.4	0.6	0.2
-60		0.3	0.8	1.6	2.5	3.2	5.1	9.0	9.0	5.1	3.2	2.5	1.6	0.8	0.3	
-70	0.1	0.4		1.5		3.5		6.0		3.5		1.5		0.4		0.1
-80		0.4		1.5		3.5		6.0		3.5		1.5		0.4		
-90	0.1	0.4		1.5		3.5		6.0		3.5		1.5		0.4		0.1

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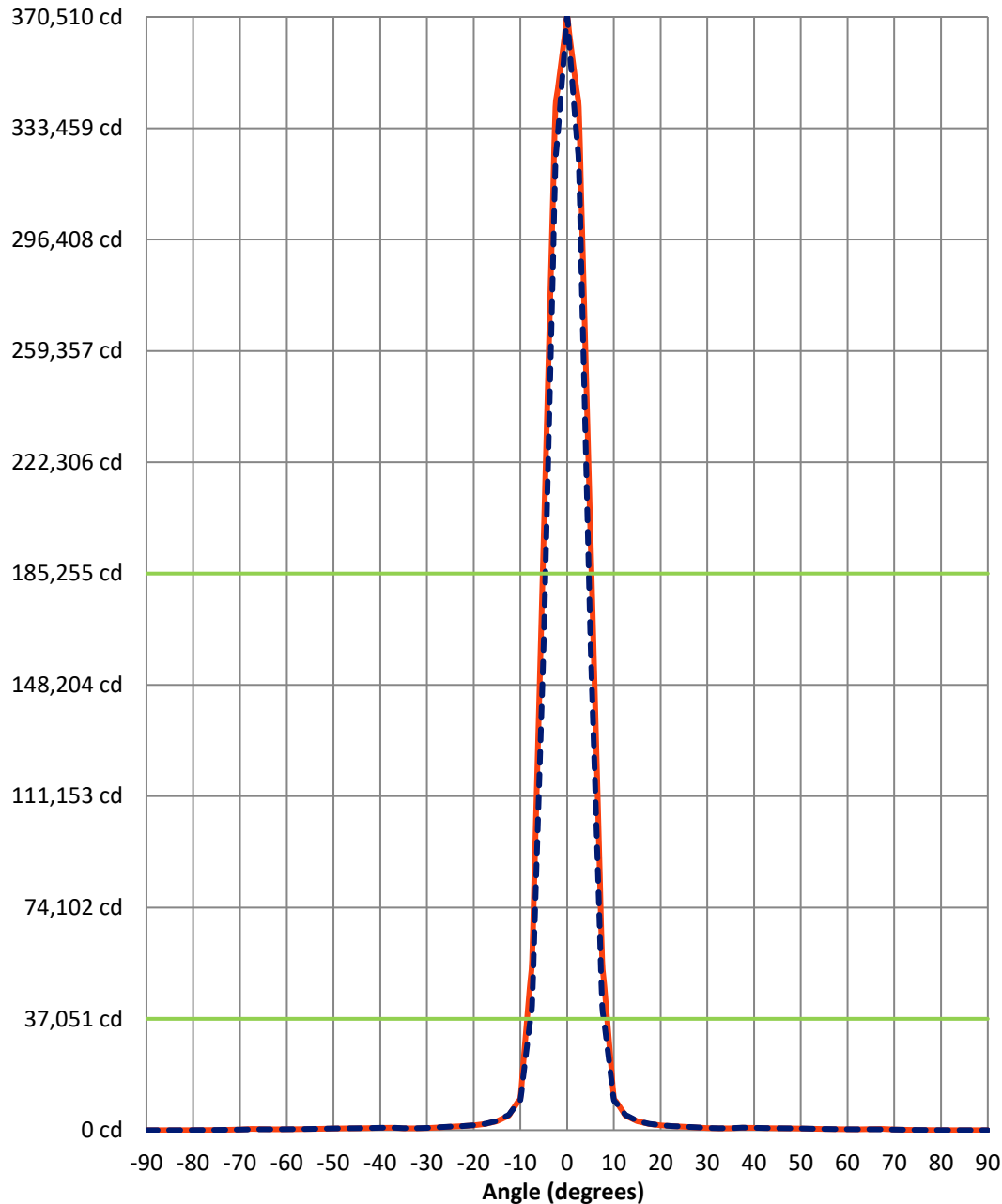
### Luminous Intensity Polar Plot



— 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: 6184.3  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 10658.5  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 3769.9  
 Efficiency: 26.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.2	4.2	4.2
80°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.2	4.2	4.2	4.2
77.5°	0.0	0.9	1.8	2.7	3.6	4.2	4.2	4.2	4.2	4.2	4.6
75°	0.0	1.1	2.2	3.3	4.2	4.2	4.2	4.2	4.4	5.5	6.4
72.5°	0.0	1.3	2.5	3.8	4.2	4.2	4.2	4.6	6.2	7.4	8.3
70°	0.0	1.4	2.9	4.2	4.2	4.2	4.4	6.4	8.0	9.3	11.5
67.5°	0.0	1.6	3.2	4.2	4.2	4.2	6.0	8.1	9.8	12.7	15.2
65°	0.0	1.8	3.5	4.2	4.2	4.9	7.6	9.8	13.0	16.1	19.3
62.5°	0.0	1.9	3.9	4.2	4.2	6.3	9.2	12.4	16.2	20.0	24.8
60°	0.0	2.1	4.2	4.2	4.2	7.7	10.7	15.3	19.4	25.2	30.4
57.5°	0.0	2.3	4.2	4.2	5.3	9.1	13.4	18.2	24.0	30.5	36.7
55°	0.0	2.4	4.3	4.2	6.4	10.4	16.4	21.3	28.9	36.1	43.6
52.5°	0.0	2.6	4.3	4.2	7.5	12.0	19.3	26.1	33.8	42.6	50.6
50°	0.0	2.7	4.3	4.2	8.6	14.6	22.4	31.1	39.1	49.3	59.0
47.5°	0.0	2.8	4.4	4.4	9.7	17.3	25.7	36.4	45.1	56.0	67.9
45°	0.0	3.0	4.5	5.2	10.7	20.0	30.4	41.8	52.3	64.3	77.1
42.5°	0.0	3.1	4.5	6.0	11.8	22.7	35.2	48.0	59.9	72.9	88.0
40°	0.0	3.2	4.6	6.7	13.3	25.3	40.0	54.7	68.2	81.9	99.5
37.5°	0.0	3.3	4.7	7.4	15.4	28.0	44.9	61.7	77.6	93.2	111.4
35°	0.0	3.4	4.8	8.0	17.4	31.5	49.9	68.7	87.2	106.2	122.9
32.5°	0.0	3.5	4.9	8.6	19.4	35.4	55.0	75.9	96.8	119.8	137.4
30°	0.0	3.6	5.0	9.1	21.3	39.1	60.8	83.3	106.5	133.8	153.7
27.5°	0.0	3.7	5.1	9.5	22.6	42.9	66.5	91.3	117.0	148.2	171.7
25°	0.0	3.8	5.2	9.9	23.5	46.5	72.1	99.1	128.8	163.1	191.1
22.5°	0.0	3.9	5.3	10.2	24.3	49.3	77.6	106.9	140.6	178.9	207.5
20°	0.0	3.9	5.4	10.4	24.8	50.4	83.0	114.4	152.4	195.4	223.7
17.5°	0.0	4.0	5.5	10.6	25.2	51.0	85.8	121.7	163.9	212.3	239.6
15°	0.0	4.1	5.6	10.7	25.4	51.3	86.8	127.0	175.2	229.4	255.2
12.5°	0.0	4.1	5.8	10.8	25.4	51.3	87.4	129.7	182.5	246.5	270.4
10°	0.0	4.1	5.9	10.8	25.2	50.9	87.6	132.1	186.2	253.1	281.2
7.5°	0.0	4.2	6.0	10.8	24.9	50.2	87.4	134.1	189.0	257.1	283.1
5°	0.0	4.2	6.1	10.7	24.5	49.2	86.8	135.7	190.8	259.8	284.7
2.5°	0.0	4.2	6.2	10.6	23.9	47.9	85.8	136.7	191.7	261.2	285.9
0°	0.0	4.2	6.3	10.5	23.2	46.4	84.3	137.0	191.8	261.4	286.7
-2.5°	0.0	4.2	6.2	10.6	23.9	47.9	85.8	136.7	191.7	261.2	285.9
-5°	0.0	4.2	6.1	10.7	24.5	49.2	86.8	135.7	190.8	259.8	284.7
-7.5°	0.0	4.2	6.0	10.8	24.9	50.2	87.4	134.1	189.0	257.1	283.1
-10°	0.0	4.1	5.9	10.8	25.2	50.9	87.6	132.1	186.2	253.1	281.2
-12.5°	0.0	4.1	5.8	10.8	25.4	51.3	87.4	129.7	182.5	246.5	270.4
-15°	0.0	4.1	5.6	10.7	25.4	51.3	86.8	127.0	175.2	229.4	255.2
-17.5°	0.0	4.0	5.5	10.6	25.2	51.0	85.8	121.7	163.9	212.3	239.6
-20°	0.0	3.9	5.4	10.4	24.8	50.4	83.0	114.4	152.4	195.4	223.7



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 CATALOG NUMBER: GFLD-SA5C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	5.3	10.2	24.3	49.3	77.6	106.9	140.6	178.9	207.5
-25°	0.0	3.8	5.2	9.9	23.5	46.5	72.1	99.1	128.8	163.1	191.1
-27.5°	0.0	3.7	5.1	9.5	22.6	42.9	66.5	91.3	117.0	148.2	171.7
-30°	0.0	3.6	5.0	9.1	21.3	39.1	60.8	83.3	106.5	133.8	153.7
-32.5°	0.0	3.5	4.9	8.6	19.4	35.4	55.0	75.9	96.8	119.8	137.4
-35°	0.0	3.4	4.8	8.0	17.4	31.5	49.9	68.7	87.2	106.2	122.9
-37.5°	0.0	3.3	4.7	7.4	15.4	28.0	44.9	61.7	77.6	93.2	111.4
-40°	0.0	3.2	4.6	6.7	13.3	25.3	40.0	54.7	68.2	81.9	99.5
-42.5°	0.0	3.1	4.5	6.0	11.8	22.7	35.2	48.0	59.9	72.9	88.0
-45°	0.0	3.0	4.5	5.2	10.7	20.0	30.4	41.8	52.3	64.3	77.1
-47.5°	0.0	2.8	4.4	4.4	9.7	17.3	25.7	36.4	45.1	56.0	67.9
-50°	0.0	2.7	4.3	4.2	8.6	14.6	22.4	31.1	39.1	49.3	59.0
-52.5°	0.0	2.6	4.3	4.2	7.5	12.0	19.3	26.1	33.8	42.6	50.6
-55°	0.0	2.4	4.3	4.2	6.4	10.4	16.4	21.3	28.9	36.1	43.6
-57.5°	0.0	2.3	4.2	4.2	5.3	9.1	13.4	18.2	24.0	30.5	36.7
-60°	0.0	2.1	4.2	4.2	4.2	7.7	10.7	15.3	19.4	25.2	30.4
-62.5°	0.0	1.9	3.9	4.2	4.2	6.3	9.2	12.4	16.2	20.0	24.8
-65°	0.0	1.8	3.5	4.2	4.2	4.9	7.6	9.8	13.0	16.1	19.3
-67.5°	0.0	1.6	3.2	4.2	4.2	4.2	6.0	8.1	9.8	12.7	15.2
-70°	0.0	1.4	2.9	4.2	4.2	4.2	4.4	6.4	8.0	9.3	11.5
-72.5°	0.0	1.3	2.5	3.8	4.2	4.2	4.2	4.6	6.2	7.4	8.3
-75°	0.0	1.1	2.2	3.3	4.2	4.2	4.2	4.2	4.4	5.5	6.4
-77.5°	0.0	0.9	1.8	2.7	3.6	4.2	4.2	4.2	4.2	4.2	4.6
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.2	4.2	4.2	4.2	4.2
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.2	4.2	4.2
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.2	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	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





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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°	1.7	1.6	1.4	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	3.4	3.2	2.8	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
82.5°	3.9	3.7	3.6	3.6	3.8	4.0	4.3	4.7	5.1	5.4	5.8
80°	4.1	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.2	8.9	10.1
77.5°	5.4	6.2	7.0	7.8	8.7	10.3	11.7	12.9	14.4	16.1	17.9
75°	7.3	8.3	10.4	12.7	14.8	16.5	18.0	20.3	23.1	26.2	29.1
72.5°	10.1	12.7	15.5	18.5	22.0	25.0	27.8	30.6	35.1	40.1	43.8
70°	13.9	17.1	21.4	26.2	30.7	34.6	40.4	47.2	54.2	57.7	59.8
67.5°	18.0	23.0	28.3	34.0	40.3	46.9	54.9	62.3	69.4	72.2	74.9
65°	23.3	29.0	35.6	42.6	49.9	57.8	65.9	74.2	81.6	85.3	89.6
62.5°	28.7	35.6	43.1	51.0	59.0	67.6	77.4	85.8	92.1	99.7	108.6
60°	35.3	42.1	50.7	59.4	68.7	80.6	90.5	99.7	108.3	117.0	130.3
57.5°	42.2	48.8	58.3	68.7	81.4	94.9	106.2	116.2	128.0	140.4	153.9
55°	49.8	55.7	66.4	79.2	93.8	109.9	123.1	136.9	150.6	161.6	173.5
52.5°	58.4	63.8	75.1	89.8	106.7	124.8	142.5	156.8	169.4	181.5	195.1
50°	67.4	74.3	83.5	101.1	120.0	140.5	160.5	174.9	189.2	203.5	218.7
47.5°	78.0	85.6	93.3	112.4	133.8	154.8	175.5	193.8	209.7	228.7	246.2
45°	89.4	98.4	106.7	124.4	146.4	167.8	190.7	212.8	235.1	257.5	285.5
42.5°	101.5	111.4	121.9	135.6	157.6	181.3	205.8	235.2	263.6	294.7	331.2
40°	113.3	124.2	136.8	149.2	168.7	195.0	225.0	258.0	297.9	338.3	382.4
37.5°	124.8	137.4	150.9	163.8	181.0	210.6	243.7	285.8	333.9	385.0	441.1
35°	136.1	150.0	163.8	178.9	198.2	227.1	267.8	315.6	373.4	437.9	489.2
32.5°	147.2	162.1	176.1	194.4	218.2	247.7	291.1	351.3	417.9	483.3	517.6
30°	161.0	173.0	188.3	208.9	237.7	275.3	322.4	387.2	463.0	507.6	539.5
27.5°	179.5	183.8	201.1	225.2	257.6	302.3	360.9	428.3	491.0	530.1	558.8
25°	197.7	202.2	213.1	241.6	281.6	334.3	400.1	476.9	514.2	547.3	580.4
22.5°	215.1	219.8	233.5	257.2	304.8	366.9	443.4	510.6	546.1	567.2	603.1
20°	231.4	238.7	255.6	283.0	328.7	397.8	485.3	541.9	575.7	601.0	634.0
17.5°	247.2	257.2	277.9	311.2	362.1	432.5	523.5	573.1	606.0	630.4	671.4
15°	262.4	275.2	299.4	337.5	393.4	469.6	549.0	598.6	634.0	658.0	706.0
12.5°	277.1	292.8	319.9	362.1	421.5	502.0	570.7	615.0	650.4	687.2	736.7
10°	291.5	309.8	339.4	384.8	446.7	529.9	588.7	628.3	663.6	710.4	762.0
7.5°	293.6	318.3	355.4	405.7	469.0	553.6	603.6	638.6	677.0	731.7	785.0
5°	293.7	317.7	356.7	411.2	479.7	567.5	614.0	646.4	689.9	750.7	805.5
2.5°	293.5	316.2	357.0	413.0	482.3	568.9	615.5	648.5	697.3	769.2	824.3
0°	293.0	314.1	356.2	413.1	482.7	567.0	615.5	649.2	701.9	786.2	841.0
-2.5°	293.5	316.2	357.0	413.0	482.3	568.9	615.5	648.5	697.3	769.2	824.3
-5°	293.7	317.7	356.7	411.2	479.7	567.5	614.0	646.4	689.9	750.7	805.5
-7.5°	293.6	318.3	355.4	405.7	469.0	553.6	603.6	638.6	677.0	731.7	785.0
-10°	291.5	309.8	339.4	384.8	446.7	529.9	588.7	628.3	663.6	710.4	762.0
-12.5°	277.1	292.8	319.9	362.1	421.5	502.0	570.7	615.0	650.4	687.2	736.7
-15°	262.4	275.2	299.4	337.5	393.4	469.6	549.0	598.6	634.0	658.0	706.0
-17.5°	247.2	257.2	277.9	311.2	362.1	432.5	523.5	573.1	606.0	630.4	671.4
-20°	231.4	238.7	255.6	283.0	328.7	397.8	485.3	541.9	575.7	601.0	634.0



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	215.1	219.8	233.5	257.2	304.8	366.9	443.4	510.6	546.1	567.2	603.1
-25°	197.7	202.2	213.1	241.6	281.6	334.3	400.1	476.9	514.2	547.3	580.4
-27.5°	179.5	183.8	201.1	225.2	257.6	302.3	360.9	428.3	491.0	530.1	558.8
-30°	161.0	173.0	188.3	208.9	237.7	275.3	322.4	387.2	463.0	507.6	539.5
-32.5°	147.2	162.1	176.1	194.4	218.2	247.7	291.1	351.3	417.9	483.3	517.6
-35°	136.1	150.0	163.8	178.9	198.2	227.1	267.8	315.6	373.4	437.9	489.2
-37.5°	124.8	137.4	150.9	163.8	181.0	210.6	243.7	285.8	333.9	385.0	441.1
-40°	113.3	124.2	136.8	149.2	168.7	195.0	225.0	258.0	297.9	338.3	382.4
-42.5°	101.5	111.4	121.9	135.6	157.6	181.3	205.8	235.2	263.6	294.7	331.2
-45°	89.4	98.4	106.7	124.4	146.4	167.8	190.7	212.8	235.1	257.5	285.5
-47.5°	78.0	85.6	93.3	112.4	133.8	154.8	175.5	193.8	209.7	228.7	246.2
-50°	67.4	74.3	83.5	101.1	120.0	140.5	160.5	174.9	189.2	203.5	218.7
-52.5°	58.4	63.8	75.1	89.8	106.7	124.8	142.5	156.8	169.4	181.5	195.1
-55°	49.8	55.7	66.4	79.2	93.8	109.9	123.1	136.9	150.6	161.6	173.5
-57.5°	42.2	48.8	58.3	68.7	81.4	94.9	106.2	116.2	128.0	140.4	153.9
-60°	35.3	42.1	50.7	59.4	68.7	80.6	90.5	99.7	108.3	117.0	130.3
-62.5°	28.7	35.6	43.1	51.0	59.0	67.6	77.4	85.8	92.1	99.7	108.6
-65°	23.3	29.0	35.6	42.6	49.9	57.8	65.9	74.2	81.6	85.3	89.6
-67.5°	18.0	23.0	28.3	34.0	40.3	46.9	54.9	62.3	69.4	72.2	74.9
-70°	13.9	17.1	21.4	26.2	30.7	34.6	40.4	47.2	54.2	57.7	59.8
-72.5°	10.1	12.7	15.5	18.5	22.0	25.0	27.8	30.6	35.1	40.1	43.8
-75°	7.3	8.3	10.4	12.7	14.8	16.5	18.0	20.3	23.1	26.2	29.1
-77.5°	5.4	6.2	7.0	7.8	8.7	10.3	11.7	12.9	14.4	16.1	17.9
-80°	4.1	4.2	4.8	5.4	6.0	6.6	7.1	7.6	8.2	8.9	10.1
-82.5°	3.9	3.7	3.6	3.6	3.8	4.0	4.3	4.7	5.1	5.4	5.8
-85°	3.4	3.2	2.8	2.4	2.6	2.7	2.8	3.0	3.1	3.2	3.3
-87.5°	1.7	1.6	1.4	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
85°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.1
82.5°	6.1	6.4	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.2
80°	11.3	12.1	12.8	13.4	13.7	15.2	17.1	19.0	21.0	21.8	22.3
77.5°	20.1	21.6	22.5	23.2	23.7	27.0	31.2	35.6	40.2	42.6	44.5
75°	32.0	33.7	34.9	35.7	36.2	41.3	48.7	56.6	64.7	69.0	72.0
72.5°	46.3	47.8	48.9	49.9	50.5	58.0	71.4	86.1	101.7	111.2	118.2
70°	61.7	63.3	64.7	65.8	66.6	75.6	95.2	115.7	136.9	158.1	180.6
67.5°	78.0	81.4	83.3	84.3	85.4	93.1	113.9	133.2	151.0	189.3	249.7
65°	95.7	103.8	107.2	109.2	109.9	113.3	131.2	147.3	161.8	191.6	237.6
62.5°	118.4	129.1	134.1	136.2	137.5	137.7	152.3	165.8	178.2	196.8	226.1
60°	142.8	154.4	160.5	162.1	163.2	163.6	175.2	188.6	201.0	216.1	243.4
57.5°	165.2	176.0	185.0	188.6	191.4	193.3	203.6	219.2	233.9	249.1	278.4
55°	186.5	199.7	212.2	219.0	225.5	231.2	241.3	261.1	279.9	297.7	328.2
52.5°	209.8	226.6	243.2	255.7	268.0	278.7	289.6	315.2	340.4	364.1	393.7
50°	237.6	258.3	282.6	303.1	320.6	337.9	353.4	383.8	417.8	450.2	481.3
47.5°	272.8	300.2	331.2	360.4	384.2	411.0	435.3	466.5	496.6	526.7	552.5
45°	316.0	354.0	389.8	428.4	462.4	480.1	494.3	513.7	544.6	574.2	598.2
42.5°	371.3	415.5	459.6	488.3	510.1	524.5	534.8	545.0	577.5	606.0	629.3
40°	432.9	477.2	504.4	527.9	543.1	555.9	572.0	587.8	613.3	642.5	668.4
37.5°	486.2	514.7	538.5	557.0	575.3	592.4	615.5	638.3	662.6	695.4	719.4
35°	519.0	544.1	568.3	591.5	614.9	641.1	670.1	703.6	733.3	706.3	667.2
32.5°	544.1	569.8	599.0	634.8	667.1	702.9	739.2	680.9	621.2	597.9	602.7
30°	565.9	595.7	636.0	682.8	727.7	711.6	632.0	604.2	612.5	628.8	660.3
27.5°	589.3	626.4	675.5	733.1	697.8	609.7	614.3	630.4	685.0	731.3	801.6
25°	616.9	661.8	722.7	696.1	615.4	623.7	664.5	726.2	830.1	927.1	1011.9
22.5°	650.2	707.4	715.5	615.4	626.4	679.8	762.7	896.2	1022.5	1139.7	1227.1
20°	684.1	750.0	648.6	627.5	674.4	769.8	923.7	1076.9	1217.9	1322.7	1410.3
17.5°	724.6	701.3	629.6	652.1	747.0	911.7	1084.9	1247.4	1380.3	1561.5	1715.8
15°	760.1	654.4	641.1	715.3	858.0	1043.4	1231.7	1377.6	1617.8	1877.4	2140.1
12.5°	739.7	637.8	661.7	771.6	959.3	1159.6	1326.1	1557.1	1874.9	2254.2	2824.2
10°	709.6	647.1	705.7	849.5	1045.9	1241.1	1414.0	1716.8	2136.2	2832.9	3730.4
7.5°	686.3	651.1	734.8	909.4	1110.3	1290.3	1520.8	1887.9	2472.6	3428.4	5339.5
5°	668.6	651.0	748.1	944.0	1148.6	1324.2	1586.6	2012.4	2802.2	4164.0	7429.6
2.5°	660.8	647.6	751.8	962.6	1167.2	1343.2	1627.6	2101.8	3010.3	4847.4	9769.5
0°	666.1	640.8	750.4	969.6	1178.2	1340.5	1633.5	2128.8	3073.1	5099.7	10083.5
-2.5°	660.8	647.6	751.8	962.6	1167.2	1343.2	1627.6	2101.8	3010.3	4847.4	9769.5
-5°	668.6	651.0	748.1	944.0	1148.6	1324.2	1586.6	2012.4	2802.2	4164.0	7429.6
-7.5°	686.3	651.1	734.8	909.4	1110.3	1290.3	1520.8	1887.9	2472.6	3428.4	5339.5
-10°	709.6	647.1	705.7	849.5	1045.9	1241.1	1414.0	1716.8	2136.2	2832.9	3730.4
-12.5°	739.7	637.8	661.7	771.6	959.3	1159.6	1326.1	1557.1	1874.9	2254.2	2824.2
-15°	760.1	654.4	641.1	715.3	858.0	1043.4	1231.7	1377.6	1617.8	1877.4	2140.1
-17.5°	724.6	701.3	629.6	652.1	747.0	911.7	1084.9	1247.4	1380.3	1561.5	1715.8
-20°	684.1	750.0	648.6	627.5	674.4	769.8	923.7	1076.9	1217.9	1322.7	1410.3



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	650.2	707.4	715.5	615.4	626.4	679.8	762.7	896.2	1022.5	1139.7	1227.1
-25°	616.9	661.8	722.7	696.1	615.4	623.7	664.5	726.2	830.1	927.1	1011.9
-27.5°	589.3	626.4	675.5	733.1	697.8	609.7	614.3	630.4	685.0	731.3	801.6
-30°	565.9	595.7	636.0	682.8	727.7	711.6	632.0	604.2	612.5	628.8	660.3
-32.5°	544.1	569.8	599.0	634.8	667.1	702.9	739.2	680.9	621.2	597.9	602.7
-35°	519.0	544.1	568.3	591.5	614.9	641.1	670.1	703.6	733.3	706.3	667.2
-37.5°	486.2	514.7	538.5	557.0	575.3	592.4	615.5	638.3	662.6	695.4	719.4
-40°	432.9	477.2	504.4	527.9	543.1	555.9	572.0	587.8	613.3	642.5	668.4
-42.5°	371.3	415.5	459.6	488.3	510.1	524.5	534.8	545.0	577.5	606.0	629.3
-45°	316.0	354.0	389.8	428.4	462.4	480.1	494.3	513.7	544.6	574.2	598.2
-47.5°	272.8	300.2	331.2	360.4	384.2	411.0	435.3	466.5	496.6	526.7	552.5
-50°	237.6	258.3	282.6	303.1	320.6	337.9	353.4	383.8	417.8	450.2	481.3
-52.5°	209.8	226.6	243.2	255.7	268.0	278.7	289.6	315.2	340.4	364.1	393.7
-55°	186.5	199.7	212.2	219.0	225.5	231.2	241.3	261.1	279.9	297.7	328.2
-57.5°	165.2	176.0	185.0	188.6	191.4	193.3	203.6	219.2	233.9	249.1	278.4
-60°	142.8	154.4	160.5	162.1	163.2	163.6	175.2	188.6	201.0	216.1	243.4
-62.5°	118.4	129.1	134.1	136.2	137.5	137.7	152.3	165.8	178.2	196.8	226.1
-65°	95.7	103.8	107.2	109.2	109.9	113.3	131.2	147.3	161.8	191.6	237.6
-67.5°	78.0	81.4	83.3	84.3	85.4	93.1	113.9	133.2	151.0	189.3	249.7
-70°	61.7	63.3	64.7	65.8	66.6	75.6	95.2	115.7	136.9	158.1	180.6
-72.5°	46.3	47.8	48.9	49.9	50.5	58.0	71.4	86.1	101.7	111.2	118.2
-75°	32.0	33.7	34.9	35.7	36.2	41.3	48.7	56.6	64.7	69.0	72.0
-77.5°	20.1	21.6	22.5	23.2	23.7	27.0	31.2	35.6	40.2	42.6	44.5
-80°	11.3	12.1	12.8	13.4	13.7	15.2	17.1	19.0	21.0	21.8	22.3
-82.5°	6.1	6.4	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.1	8.2
-85°	3.4	3.5	3.6	3.7	3.8	3.9	3.9	4.0	4.1	4.1	4.1
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	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



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
82.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.8
80°	22.7	23.0	22.1	21.1	22.1	23.0	22.7	22.3	21.8	21.0	19.0
77.5°	46.3	48.0	46.3	44.3	46.3	48.0	46.3	44.5	42.6	40.2	35.6
75°	74.7	77.2	75.8	73.8	75.8	77.2	74.7	72.0	69.0	64.7	56.6
72.5°	124.8	130.9	129.4	126.5	129.4	130.9	124.8	118.2	111.2	101.7	86.1
70°	204.3	228.3	227.3	221.3	227.3	228.3	204.3	180.6	158.1	136.9	115.7
67.5°	315.0	382.9	404.5	415.2	404.5	382.9	315.0	249.7	189.3	151.0	133.2
65°	280.5	321.5	337.8	349.9	337.8	321.5	280.5	237.6	191.6	161.8	147.3
62.5°	252.3	276.6	281.8	282.4	281.8	276.6	252.3	226.1	196.8	178.2	165.8
60°	270.0	295.8	299.7	295.1	299.7	295.8	270.0	243.4	216.1	201.0	188.6
57.5°	306.7	333.8	338.7	333.0	338.7	333.8	306.7	278.4	249.1	233.9	219.2
55°	357.4	384.7	393.8	392.0	393.8	384.7	357.4	328.2	297.7	279.9	261.1
52.5°	422.0	447.2	457.7	457.4	457.7	447.2	422.0	393.7	364.1	340.4	315.2
50°	508.4	531.0	542.2	543.8	542.2	531.0	508.4	481.3	450.2	417.8	383.8
47.5°	570.8	585.7	593.4	594.4	593.4	585.7	570.8	552.5	526.7	496.6	466.5
45°	609.0	617.0	623.0	628.1	623.0	617.0	609.0	598.2	574.2	544.6	513.7
42.5°	644.9	661.5	673.8	676.6	673.8	661.5	644.9	629.3	606.0	577.5	545.0
40°	693.0	716.0	737.9	760.9	737.9	716.0	693.0	668.4	642.5	613.3	587.8
37.5°	744.4	769.9	791.1	803.1	791.1	769.9	744.4	719.4	695.4	662.6	638.3
35°	639.7	623.0	613.0	609.1	613.0	623.0	639.7	667.2	706.3	733.3	703.6
32.5°	605.5	606.6	604.7	600.7	604.7	606.6	605.5	602.7	597.9	621.2	680.9
30°	683.7	694.8	696.2	695.6	696.2	694.8	683.7	660.3	628.8	612.5	604.2
27.5°	853.6	882.0	890.9	908.4	890.9	882.0	853.6	801.6	731.3	685.0	630.4
25°	1077.5	1120.5	1141.1	1148.7	1141.1	1120.5	1077.5	1011.9	927.1	830.1	726.2
22.5°	1276.6	1309.4	1328.6	1344.7	1328.6	1309.4	1276.6	1227.1	1139.7	1022.5	896.2
20°	1512.4	1572.3	1599.8	1601.9	1599.8	1572.3	1512.4	1410.3	1322.7	1217.9	1076.9
17.5°	1880.7	1997.3	2055.5	2071.9	2055.5	1997.3	1880.7	1715.8	1561.5	1380.3	1247.4
15°	2461.7	2759.2	2912.2	2984.6	2912.2	2759.2	2461.7	2140.1	1877.4	1617.8	1377.6
12.5°	3409.4	4080.2	4622.6	4826.8	4622.6	4080.2	3409.4	2824.2	2254.2	1874.9	1557.1
10°	5287.3	7290.4	9630.4	10722.1	9630.4	7290.4	5287.3	3730.4	2832.9	2136.2	1716.8
7.5°	10228.8	23749.3	46030.1	56658.6	46030.1	23749.3	10228.8	5339.5	3428.4	2472.6	1887.9
5°	21802.9	94094.4	168511.2	197930.8	168511.2	94094.4	21802.9	7429.6	4164.0	2802.2	2012.4
2.5°	34727.3	154327.0	291190.2	340486.6	291190.2	154327.0	34727.3	9769.5	4847.4	3010.3	2101.8
0°	41492.2	162632.2	321321.9	370509.5	321321.9	162632.2	41492.2	10083.5	5099.7	3073.1	2128.8
-2.5°	34727.3	154327.0	291190.2	340486.6	291190.2	154327.0	34727.3	9769.5	4847.4	3010.3	2101.8
-5°	21802.9	94094.4	168511.2	197930.8	168511.2	94094.4	21802.9	7429.6	4164.0	2802.2	2012.4
-7.5°	10228.8	23749.3	46030.1	56658.6	46030.1	23749.3	10228.8	5339.5	3428.4	2472.6	1887.9
-10°	5287.3	7290.4	9630.4	10722.1	9630.4	7290.4	5287.3	3730.4	2832.9	2136.2	1716.8
-12.5°	3409.4	4080.2	4622.6	4826.8	4622.6	4080.2	3409.4	2824.2	2254.2	1874.9	1557.1
-15°	2461.7	2759.2	2912.2	2984.6	2912.2	2759.2	2461.7	2140.1	1877.4	1617.8	1377.6
-17.5°	1880.7	1997.3	2055.5	2071.9	2055.5	1997.3	1880.7	1715.8	1561.5	1380.3	1247.4
-20°	1512.4	1572.3	1599.8	1601.9	1599.8	1572.3	1512.4	1410.3	1322.7	1217.9	1076.9



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	1276.6	1309.4	1328.6	1344.7	1328.6	1309.4	1276.6	1227.1	1139.7	1022.5	896.2
-25°	1077.5	1120.5	1141.1	1148.7	1141.1	1120.5	1077.5	1011.9	927.1	830.1	726.2
-27.5°	853.6	882.0	890.9	908.4	890.9	882.0	853.6	801.6	731.3	685.0	630.4
-30°	683.7	694.8	696.2	695.6	696.2	694.8	683.7	660.3	628.8	612.5	604.2
-32.5°	605.5	606.6	604.7	600.7	604.7	606.6	605.5	602.7	597.9	621.2	680.9
-35°	639.7	623.0	613.0	609.1	613.0	623.0	639.7	667.2	706.3	733.3	703.6
-37.5°	744.4	769.9	791.1	803.1	791.1	769.9	744.4	719.4	695.4	662.6	638.3
-40°	693.0	716.0	737.9	760.9	737.9	716.0	693.0	668.4	642.5	613.3	587.8
-42.5°	644.9	661.5	673.8	676.6	673.8	661.5	644.9	629.3	606.0	577.5	545.0
-45°	609.0	617.0	623.0	628.1	623.0	617.0	609.0	598.2	574.2	544.6	513.7
-47.5°	570.8	585.7	593.4	594.4	593.4	585.7	570.8	552.5	526.7	496.6	466.5
-50°	508.4	531.0	542.2	543.8	542.2	531.0	508.4	481.3	450.2	417.8	383.8
-52.5°	422.0	447.2	457.7	457.4	457.7	447.2	422.0	393.7	364.1	340.4	315.2
-55°	357.4	384.7	393.8	392.0	393.8	384.7	357.4	328.2	297.7	279.9	261.1
-57.5°	306.7	333.8	338.7	333.0	338.7	333.8	306.7	278.4	249.1	233.9	219.2
-60°	270.0	295.8	299.7	295.1	299.7	295.8	270.0	243.4	216.1	201.0	188.6
-62.5°	252.3	276.6	281.8	282.4	281.8	276.6	252.3	226.1	196.8	178.2	165.8
-65°	280.5	321.5	337.8	349.9	337.8	321.5	280.5	237.6	191.6	161.8	147.3
-67.5°	315.0	382.9	404.5	415.2	404.5	382.9	315.0	249.7	189.3	151.0	133.2
-70°	204.3	228.3	227.3	221.3	227.3	228.3	204.3	180.6	158.1	136.9	115.7
-72.5°	124.8	130.9	129.4	126.5	129.4	130.9	124.8	118.2	111.2	101.7	86.1
-75°	74.7	77.2	75.8	73.8	75.8	77.2	74.7	72.0	69.0	64.7	56.6
-77.5°	46.3	48.0	46.3	44.3	46.3	48.0	46.3	44.5	42.6	40.2	35.6
-80°	22.7	23.0	22.1	21.1	22.1	23.0	22.7	22.3	21.8	21.0	19.0
-82.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.2	8.1	8.0	7.8
-85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
82.5°	7.6	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.7
80°	17.1	15.2	13.7	13.4	12.8	12.1	11.3	10.1	8.9	8.2	7.6
77.5°	31.2	27.0	23.7	23.2	22.5	21.6	20.1	17.9	16.1	14.4	12.9
75°	48.7	41.3	36.2	35.7	34.9	33.7	32.0	29.1	26.2	23.1	20.3
72.5°	71.4	58.0	50.5	49.9	48.9	47.8	46.3	43.8	40.1	35.1	30.6
70°	95.2	75.6	66.6	65.8	64.7	63.3	61.7	59.8	57.7	54.2	47.2
67.5°	113.9	93.1	85.4	84.3	83.3	81.4	78.0	74.9	72.2	69.4	62.3
65°	131.2	113.3	109.9	109.2	107.2	103.8	95.7	89.6	85.3	81.6	74.2
62.5°	152.3	137.7	137.5	136.2	134.1	129.1	118.4	108.6	99.7	92.1	85.8
60°	175.2	163.6	163.2	162.1	160.5	154.4	142.8	130.3	117.0	108.3	99.7
57.5°	203.6	193.3	191.4	188.6	185.0	176.0	165.2	153.9	140.4	128.0	116.2
55°	241.3	231.2	225.5	219.0	212.2	199.7	186.5	173.5	161.6	150.6	136.9
52.5°	289.6	278.7	268.0	255.7	243.2	226.6	209.8	195.1	181.5	169.4	156.8
50°	353.4	337.9	320.6	303.1	282.6	258.3	237.6	218.7	203.5	189.2	174.9
47.5°	435.3	411.0	384.2	360.4	331.2	300.2	272.8	246.2	228.7	209.7	193.8
45°	494.3	480.1	462.4	428.4	389.8	354.0	316.0	285.5	257.5	235.1	212.8
42.5°	534.8	524.5	510.1	488.3	459.6	415.5	371.3	331.2	294.7	263.6	235.2
40°	572.0	555.9	543.1	527.9	504.4	477.2	432.9	382.4	338.3	297.9	258.0
37.5°	615.5	592.4	575.3	557.0	538.5	514.7	486.2	441.1	385.0	333.9	285.8
35°	670.1	641.1	614.9	591.5	568.3	544.1	519.0	489.2	437.9	373.4	315.6
32.5°	739.2	702.9	667.1	634.8	599.0	569.8	544.1	517.6	483.3	417.9	351.3
30°	832.0	711.6	727.7	682.8	636.0	595.7	565.9	539.5	507.6	463.0	387.2
27.5°	914.3	609.7	697.8	733.1	675.5	626.4	589.3	558.8	530.1	491.0	428.3
25°	1006.5	623.7	615.4	696.1	722.7	661.8	616.9	580.4	547.3	514.2	476.9
22.5°	1102.7	679.8	626.4	615.4	715.5	707.4	650.2	603.1	567.2	546.1	510.6
20°	1203.7	769.8	674.4	627.5	648.6	750.0	684.1	634.0	601.0	575.7	541.9
17.5°	1308.9	911.7	747.0	652.1	629.6	701.3	724.6	671.4	630.4	606.0	573.1
15°	1423.7	1043.4	858.0	715.3	641.1	654.4	760.1	706.0	658.0	634.0	598.6
12.5°	1546.1	1159.6	959.3	771.6	661.7	637.8	739.7	736.7	687.2	650.4	615.0
10°	1674.0	1241.1	1045.9	849.5	705.7	647.1	709.6	762.0	710.4	663.6	628.3
7.5°	1820.8	1290.3	1110.3	909.4	734.8	651.1	686.3	785.0	731.7	677.0	638.6
5°	1986.6	1324.2	1148.6	944.0	748.1	651.0	668.6	805.5	750.7	689.9	646.4
2.5°	2167.6	1343.2	1167.2	962.6	751.8	647.6	660.8	824.3	769.2	697.3	648.5
0°	1633.5	1340.5	1178.2	969.6	750.4	640.8	666.1	841.0	786.2	701.9	649.2
-2.5°	2167.6	1343.2	1167.2	962.6	751.8	647.6	660.8	824.3	769.2	697.3	648.5
-5°	1986.6	1324.2	1148.6	944.0	748.1	651.0	668.6	805.5	750.7	689.9	646.4
-7.5°	1820.8	1290.3	1110.3	909.4	734.8	651.1	686.3	785.0	731.7	677.0	638.6
-10°	1674.0	1241.1	1045.9	849.5	705.7	647.1	709.6	762.0	710.4	663.6	628.3
-12.5°	1546.1	1159.6	959.3	771.6	661.7	637.8	739.7	736.7	687.2	650.4	615.0
-15°	1423.7	1043.4	858.0	715.3	641.1	654.4	760.1	706.0	658.0	634.0	598.6
-17.5°	1308.9	911.7	747.0	652.1	629.6	701.3	724.6	671.4	630.4	606.0	573.1
-20°	1203.7	769.8	674.4	627.5	648.6	750.0	684.1	634.0	601.0	575.7	541.9





REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	762.7	679.8	626.4	615.4	715.5	707.4	650.2	603.1	567.2	546.1	510.6
-25°	664.5	623.7	615.4	696.1	722.7	661.8	616.9	580.4	547.3	514.2	476.9
-27.5°	614.3	609.7	697.8	733.1	675.5	626.4	589.3	558.8	530.1	491.0	428.3
-30°	632.0	711.6	727.7	682.8	636.0	595.7	565.9	539.5	507.6	463.0	387.2
-32.5°	739.2	702.9	667.1	634.8	599.0	569.8	544.1	517.6	483.3	417.9	351.3
-35°	670.1	641.1	614.9	591.5	568.3	544.1	519.0	489.2	437.9	373.4	315.6
-37.5°	615.5	592.4	575.3	557.0	538.5	514.7	486.2	441.1	385.0	333.9	285.8
-40°	572.0	555.9	543.1	527.9	504.4	477.2	432.9	382.4	338.3	297.9	258.0
-42.5°	534.8	524.5	510.1	488.3	459.6	415.5	371.3	331.2	294.7	263.6	235.2
-45°	494.3	480.1	462.4	428.4	389.8	354.0	316.0	285.5	257.5	235.1	212.8
-47.5°	435.3	411.0	384.2	360.4	331.2	300.2	272.8	246.2	228.7	209.7	193.8
-50°	353.4	337.9	320.6	303.1	282.6	258.3	237.6	218.7	203.5	189.2	174.9
-52.5°	289.6	278.7	268.0	255.7	243.2	226.6	209.8	195.1	181.5	169.4	156.8
-55°	241.3	231.2	225.5	219.0	212.2	199.7	186.5	173.5	161.6	150.6	136.9
-57.5°	203.6	193.3	191.4	188.6	185.0	176.0	165.2	153.9	140.4	128.0	116.2
-60°	175.2	163.6	163.2	162.1	160.5	154.4	142.8	130.3	117.0	108.3	99.7
-62.5°	152.3	137.7	137.5	136.2	134.1	129.1	118.4	108.6	99.7	92.1	85.8
-65°	131.2	113.3	109.9	109.2	107.2	103.8	95.7	89.6	85.3	81.6	74.2
-67.5°	113.9	93.1	85.4	84.3	83.3	81.4	78.0	74.9	72.2	69.4	62.3
-70°	95.2	75.6	66.6	65.8	64.7	63.3	61.7	59.8	57.7	54.2	47.2
-72.5°	71.4	58.0	50.5	49.9	48.9	47.8	46.3	43.8	40.1	35.1	30.6
-75°	48.7	41.3	36.2	35.7	34.9	33.7	32.0	29.1	26.2	23.1	20.3
-77.5°	31.2	27.0	23.7	23.2	22.5	21.6	20.1	17.9	16.1	14.4	12.9
-80°	17.1	15.2	13.7	13.4	12.8	12.1	11.3	10.1	8.9	8.2	7.6
-82.5°	7.6	7.4	7.2	7.0	6.7	6.4	6.1	5.8	5.4	5.1	4.7
-85°	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	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





REPORT NUMBER: P559065 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.8	1.6	1.4	1.3
85°	2.8	2.7	2.6	2.4	2.8	3.2	3.4	3.5	3.2	2.9	2.5
82.5°	4.3	4.0	3.8	3.6	3.6	3.7	3.9	4.2	4.2	4.2	3.8
80°	7.1	6.6	6.0	5.4	4.8	4.2	4.1	4.2	4.2	4.2	4.2
77.5°	11.7	10.3	8.7	7.8	7.0	6.2	5.4	4.6	4.2	4.2	4.2
75°	18.0	16.5	14.8	12.7	10.4	8.3	7.3	6.4	5.5	4.4	4.2
72.5°	27.8	25.0	22.0	18.5	15.5	12.7	10.1	8.3	7.4	6.2	4.6
70°	40.4	34.6	30.7	26.2	21.4	17.1	13.9	11.5	9.3	8.0	6.4
67.5°	54.9	46.9	40.3	34.0	28.3	23.0	18.0	15.2	12.7	9.8	8.1
65°	65.9	57.8	49.9	42.6	35.6	29.0	23.3	19.3	16.1	13.0	9.8
62.5°	77.4	67.6	59.0	51.0	43.1	35.6	28.7	24.8	20.0	16.2	12.4
60°	90.5	80.6	68.7	59.4	50.7	42.1	35.3	30.4	25.2	19.4	15.3
57.5°	106.2	94.9	81.4	68.7	58.3	48.8	42.2	36.7	30.5	24.0	18.2
55°	123.1	109.9	93.8	79.2	66.4	55.7	49.8	43.6	36.1	28.9	21.3
52.5°	142.5	124.8	106.7	89.8	75.1	63.8	58.4	50.6	42.6	33.8	26.1
50°	160.5	140.5	120.0	101.1	83.5	74.3	67.4	59.0	49.3	39.1	31.1
47.5°	175.5	154.8	133.8	112.4	93.3	85.6	78.0	67.9	56.0	45.1	36.4
45°	190.7	167.8	146.4	124.4	106.7	98.4	89.4	77.1	64.3	52.3	41.8
42.5°	205.8	181.3	157.6	135.6	121.9	111.4	101.5	88.0	72.9	59.9	48.0
40°	225.0	195.0	168.7	149.2	136.8	124.2	113.3	99.5	81.9	68.2	54.7
37.5°	243.7	210.6	181.0	163.8	150.9	137.4	124.8	111.4	93.2	77.6	61.7
35°	267.8	227.1	198.2	178.9	163.8	150.0	136.1	122.9	106.2	87.2	68.7
32.5°	291.1	247.7	218.2	194.4	176.1	162.1	147.2	137.4	119.8	96.8	75.9
30°	322.4	275.3	237.7	208.9	188.3	173.0	161.0	153.7	133.8	106.5	83.3
27.5°	360.9	302.3	257.6	225.2	201.1	183.8	179.5	171.7	148.2	117.0	91.3
25°	400.1	334.3	281.6	241.6	213.1	202.2	197.7	191.1	163.1	128.8	99.1
22.5°	443.4	366.9	304.8	257.2	233.5	219.8	215.1	207.5	178.9	140.6	106.9
20°	485.3	397.8	328.7	283.0	255.6	238.7	231.4	223.7	195.4	152.4	114.4
17.5°	523.5	432.5	362.1	311.2	277.9	257.2	247.2	239.6	212.3	163.9	121.7
15°	549.0	469.6	393.4	337.5	299.4	275.2	262.4	255.2	229.4	175.2	127.0
12.5°	570.7	502.0	421.5	362.1	319.9	292.8	277.1	270.4	246.5	182.5	129.7
10°	588.7	529.9	446.7	384.8	339.4	309.8	291.5	281.2	253.1	186.2	132.1
7.5°	603.6	553.6	469.0	405.7	355.4	318.3	293.6	283.1	257.1	189.0	134.1
5°	614.0	567.5	479.7	411.2	356.7	317.7	293.7	284.7	259.8	190.8	135.7
2.5°	615.5	568.9	482.3	413.0	357.0	316.2	293.5	285.9	261.2	191.7	136.7
0°	615.5	567.0	482.7	413.1	356.2	314.1	293.0	286.7	261.4	191.8	137.0
-2.5°	615.5	568.9	482.3	413.0	357.0	316.2	293.5	285.9	261.2	191.7	136.7
-5°	614.0	567.5	479.7	411.2	356.7	317.7	293.7	284.7	259.8	190.8	135.7
-7.5°	603.6	553.6	469.0	405.7	355.4	318.3	293.6	283.1	257.1	189.0	134.1
-10°	588.7	529.9	446.7	384.8	339.4	309.8	291.5	281.2	253.1	186.2	132.1
-12.5°	570.7	502.0	421.5	362.1	319.9	292.8	277.1	270.4	246.5	182.5	129.7
-15°	549.0	469.6	393.4	337.5	299.4	275.2	262.4	255.2	229.4	175.2	127.0
-17.5°	523.5	432.5	362.1	311.2	277.9	257.2	247.2	239.6	212.3	163.9	121.7
-20°	485.3	397.8	328.7	283.0	255.6	238.7	231.4	223.7	195.4	152.4	114.4



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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°	443.4	366.9	304.8	257.2	233.5	219.8	215.1	207.5	178.9	140.6	106.9
-25°	400.1	334.3	281.6	241.6	213.1	202.2	197.7	191.1	163.1	128.8	99.1
-27.5°	360.9	302.3	257.6	225.2	201.1	183.8	179.5	171.7	148.2	117.0	91.3
-30°	322.4	275.3	237.7	208.9	188.3	173.0	161.0	153.7	133.8	106.5	83.3
-32.5°	291.1	247.7	218.2	194.4	176.1	162.1	147.2	137.4	119.8	96.8	75.9
-35°	267.8	227.1	198.2	178.9	163.8	150.0	136.1	122.9	106.2	87.2	68.7
-37.5°	243.7	210.6	181.0	163.8	150.9	137.4	124.8	111.4	93.2	77.6	61.7
-40°	225.0	195.0	168.7	149.2	136.8	124.2	113.3	99.5	81.9	68.2	54.7
-42.5°	205.8	181.3	157.6	135.6	121.9	111.4	101.5	88.0	72.9	59.9	48.0
-45°	190.7	167.8	146.4	124.4	106.7	98.4	89.4	77.1	64.3	52.3	41.8
-47.5°	175.5	154.8	133.8	112.4	93.3	85.6	78.0	67.9	56.0	45.1	36.4
-50°	160.5	140.5	120.0	101.1	83.5	74.3	67.4	59.0	49.3	39.1	31.1
-52.5°	142.5	124.8	106.7	89.8	75.1	63.8	58.4	50.6	42.6	33.8	26.1
-55°	123.1	109.9	93.8	79.2	66.4	55.7	49.8	43.6	36.1	28.9	21.3
-57.5°	106.2	94.9	81.4	68.7	58.3	48.8	42.2	36.7	30.5	24.0	18.2
-60°	90.5	80.6	68.7	59.4	50.7	42.1	35.3	30.4	25.2	19.4	15.3
-62.5°	77.4	67.6	59.0	51.0	43.1	35.6	28.7	24.8	20.0	16.2	12.4
-65°	65.9	57.8	49.9	42.6	35.6	29.0	23.3	19.3	16.1	13.0	9.8
-67.5°	54.9	46.9	40.3	34.0	28.3	23.0	18.0	15.2	12.7	9.8	8.1
-70°	40.4	34.6	30.7	26.2	21.4	17.1	13.9	11.5	9.3	8.0	6.4
-72.5°	27.8	25.0	22.0	18.5	15.5	12.7	10.1	8.3	7.4	6.2	4.6
-75°	18.0	16.5	14.8	12.7	10.4	8.3	7.3	6.4	5.5	4.4	4.2
-77.5°	11.7	10.3	8.7	7.8	7.0	6.2	5.4	4.6	4.2	4.2	4.2
-80°	7.1	6.6	6.0	5.4	4.8	4.2	4.1	4.2	4.2	4.2	4.2
-82.5°	4.3	4.0	3.8	3.6	3.6	3.7	3.9	4.2	4.2	4.2	3.8
-85°	2.8	2.7	2.6	2.4	2.8	3.2	3.4	3.5	3.2	2.9	2.5
-87.5°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.8	1.6	1.4	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



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
80°	4.2	3.6	2.9	2.2	1.5	0.7	0.0
77.5°	4.2	4.2	3.6	2.7	1.8	0.9	0.0
75°	4.2	4.2	4.2	3.3	2.2	1.1	0.0
72.5°	4.2	4.2	4.2	3.8	2.5	1.3	0.0
70°	4.4	4.2	4.2	4.2	2.9	1.4	0.0
67.5°	6.0	4.2	4.2	4.2	3.2	1.6	0.0
65°	7.6	4.9	4.2	4.2	3.5	1.8	0.0
62.5°	9.2	6.3	4.2	4.2	3.9	1.9	0.0
60°	10.7	7.7	4.2	4.2	4.2	2.1	0.0
57.5°	13.4	9.1	5.3	4.2	4.2	2.3	0.0
55°	16.4	10.4	6.4	4.2	4.3	2.4	0.0
52.5°	19.3	12.0	7.5	4.2	4.3	2.6	0.0
50°	22.4	14.6	8.6	4.2	4.3	2.7	0.0
47.5°	25.7	17.3	9.7	4.4	4.4	2.8	0.0
45°	30.4	20.0	10.7	5.2	4.5	3.0	0.0
42.5°	35.2	22.7	11.8	6.0	4.5	3.1	0.0
40°	40.0	25.3	13.3	6.7	4.6	3.2	0.0
37.5°	44.9	28.0	15.4	7.4	4.7	3.3	0.0
35°	49.9	31.5	17.4	8.0	4.8	3.4	0.0
32.5°	55.0	35.4	19.4	8.6	4.9	3.5	0.0
30°	60.8	39.1	21.3	9.1	5.0	3.6	0.0
27.5°	66.5	42.9	22.6	9.5	5.1	3.7	0.0
25°	72.1	46.5	23.5	9.9	5.2	3.8	0.0
22.5°	77.6	49.3	24.3	10.2	5.3	3.9	0.0
20°	83.0	50.4	24.8	10.4	5.4	3.9	0.0
17.5°	85.8	51.0	25.2	10.6	5.5	4.0	0.0
15°	86.8	51.3	25.4	10.7	5.6	4.1	0.0
12.5°	87.4	51.3	25.4	10.8	5.8	4.1	0.0
10°	87.6	50.9	25.2	10.8	5.9	4.1	0.0
7.5°	87.4	50.2	24.9	10.8	6.0	4.2	0.0
5°	86.8	49.2	24.5	10.7	6.1	4.2	0.0
2.5°	85.8	47.9	23.9	10.6	6.2	4.2	0.0
0°	84.3	46.4	23.2	10.5	6.3	4.2	0.0
-2.5°	85.8	47.9	23.9	10.6	6.2	4.2	0.0
-5°	86.8	49.2	24.5	10.7	6.1	4.2	0.0
-7.5°	87.4	50.2	24.9	10.8	6.0	4.2	0.0
-10°	87.6	50.9	25.2	10.8	5.9	4.1	0.0
-12.5°	87.4	51.3	25.4	10.8	5.8	4.1	0.0
-15°	86.8	51.3	25.4	10.7	5.6	4.1	0.0
-17.5°	85.8	51.0	25.2	10.6	5.5	4.0	0.0
-20°	83.0	50.4	24.8	10.4	5.4	3.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	77.6	49.3	24.3	10.2	5.3	3.9	0.0
-25°	72.1	46.5	23.5	9.9	5.2	3.8	0.0
-27.5°	66.5	42.9	22.6	9.5	5.1	3.7	0.0
-30°	60.8	39.1	21.3	9.1	5.0	3.6	0.0
-32.5°	55.0	35.4	19.4	8.6	4.9	3.5	0.0
-35°	49.9	31.5	17.4	8.0	4.8	3.4	0.0
-37.5°	44.9	28.0	15.4	7.4	4.7	3.3	0.0
-40°	40.0	25.3	13.3	6.7	4.6	3.2	0.0
-42.5°	35.2	22.7	11.8	6.0	4.5	3.1	0.0
-45°	30.4	20.0	10.7	5.2	4.5	3.0	0.0
-47.5°	25.7	17.3	9.7	4.4	4.4	2.8	0.0
-50°	22.4	14.6	8.6	4.2	4.3	2.7	0.0
-52.5°	19.3	12.0	7.5	4.2	4.3	2.6	0.0
-55°	16.4	10.4	6.4	4.2	4.3	2.4	0.0
-57.5°	13.4	9.1	5.3	4.2	4.2	2.3	0.0
-60°	10.7	7.7	4.2	4.2	4.2	2.1	0.0
-62.5°	9.2	6.3	4.2	4.2	3.9	1.9	0.0
-65°	7.6	4.9	4.2	4.2	3.5	1.8	0.0
-67.5°	6.0	4.2	4.2	4.2	3.2	1.6	0.0
-70°	4.4	4.2	4.2	4.2	2.9	1.4	0.0
-72.5°	4.2	4.2	4.2	3.8	2.5	1.3	0.0
-75°	4.2	4.2	4.2	3.3	2.2	1.1	0.0
-77.5°	4.2	4.2	3.6	2.7	1.8	0.9	0.0
-80°	4.2	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)