

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: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558985 (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-SA4E-930-U-TSB-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (64) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

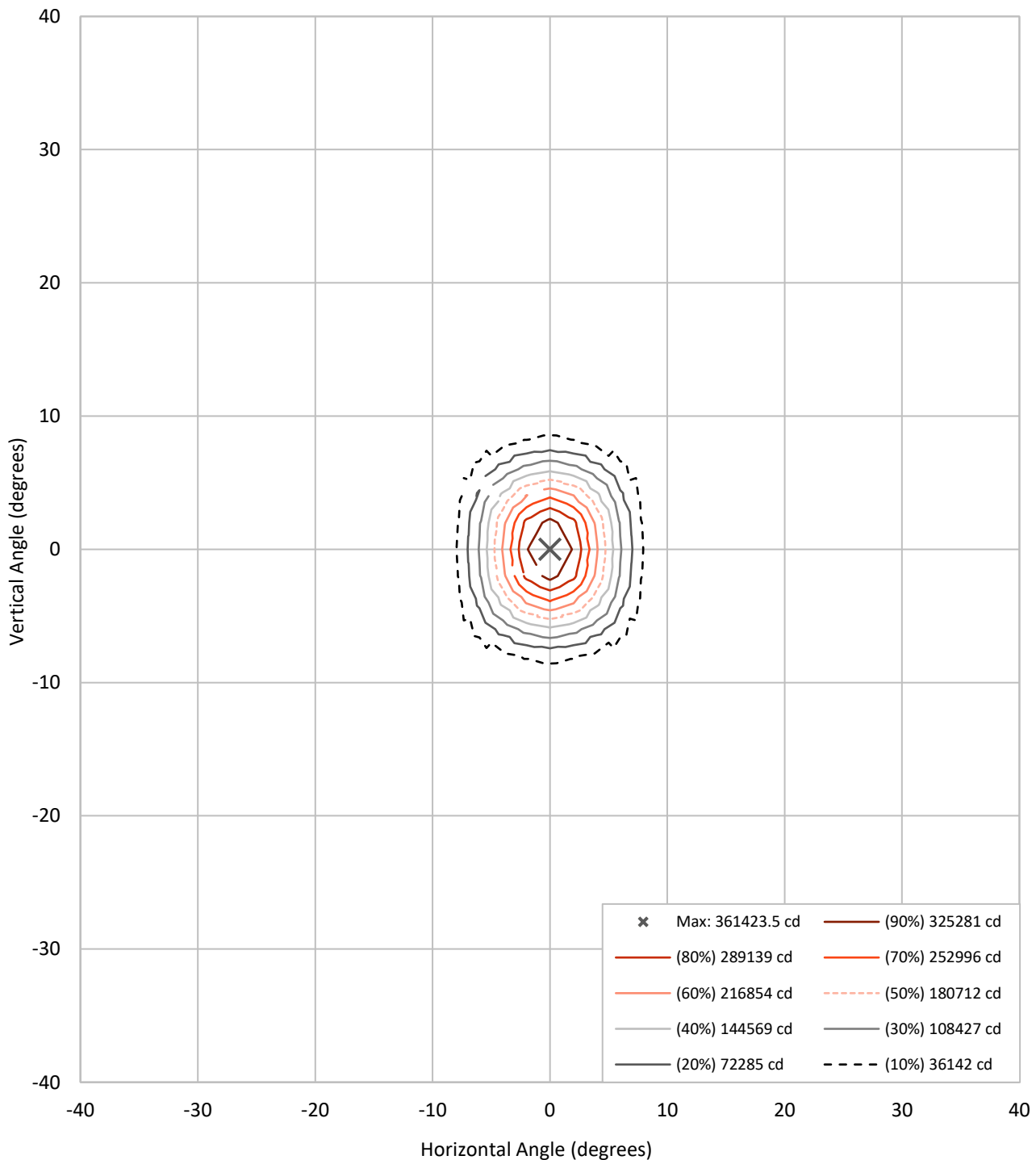
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14074.6 lumens	Max Intensity:	361423.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6032.6 lumens	Field Lumens:	10397.1 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 250  
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





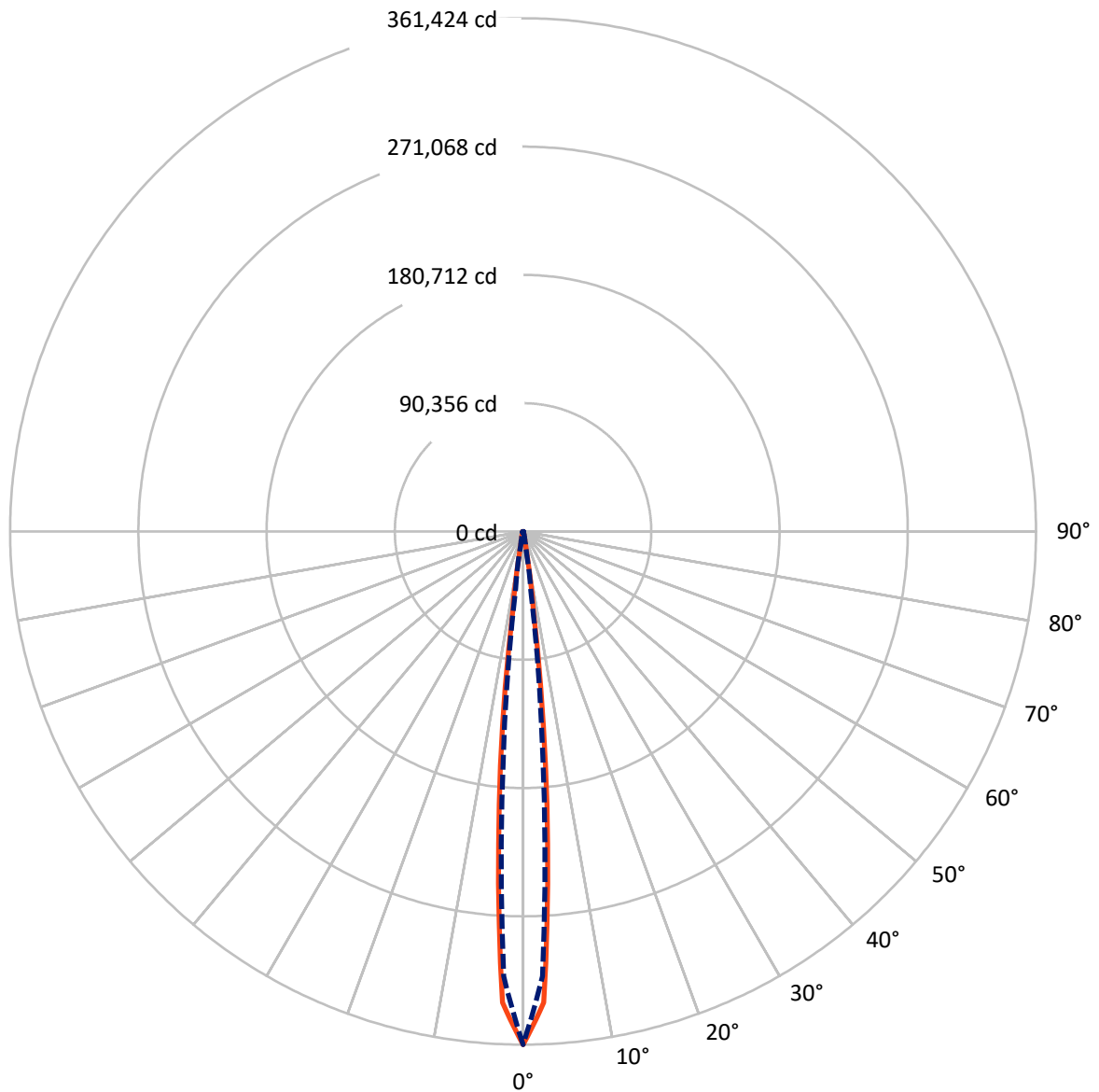
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### Lumen Table

90	0.1	0.4		1.5		3.4		5.8		3.4		1.5		0.4		0.1			
80	0.1	0.4		1.5		3.4		5.8		3.4		1.5		0.4		0.1			
70	0.2	0.3	0.7	1.5	2.4	3.1	4.9	8.7	8.7	4.9	3.1	2.4	1.5	0.7	0.3	0.2			
60		0.6	1.4	2.9	4.6	6.2	8.4	11.4	11.4	8.4	6.2	4.6	2.9	1.4	0.6				
50	0.7	1.0	2.2	4.5	7.9	11.9	15.3	18.3	18.3	15.3	11.9	7.9	4.5	2.2	1.0	0.7			
40		1.5	3.1	6.9	12.4	16.7	18.9	20.0	20.0	18.9	16.7	12.4	6.9	3.1	1.5				
30	1.4	2.3	4.3	9.7	15.2	18.1	24.7	32.5	32.5	24.7	18.1	15.2	9.7	4.3	2.3	1.4			
20		3.1	6.0	12.3	16.8	23.9	48.4	96.7	96.7	48.4	23.9	16.8	12.3	6.0	3.1				
10	1.6	3.5	7.2	13.7	17.4	30.6	95.6	2827.8	2827.8	95.6	30.6	17.4	13.7	7.2	3.5	1.6			
0		3.5	7.2	13.7	17.4	30.6	95.6	2827.8	2827.8	95.6	30.6	17.4	13.7	7.2	3.5				
-10	1.4	3.1	6.0	12.3	16.8	23.9	48.4	96.7	96.7	48.4	23.9	16.8	12.3	6.0	3.1	1.4			
-20		2.3	4.3	9.7	15.2	18.1	24.7	32.5	32.5	24.7	18.1	15.2	9.7	4.3	2.3				
-30	0.7	1.5	3.1	6.9	12.4	16.7	18.9	20.0	20.0	18.9	16.7	12.4	6.9	3.1	1.5	0.7			
-40		1.0	2.2	4.5	7.9	11.9	15.3	18.3	18.3	15.3	11.9	7.9	4.5	2.2	1.0				
-50	0.2	0.6	1.4	2.9	4.6	6.2	8.4	11.4	11.4	8.4	6.2	4.6	2.9	1.4	0.6	0.2			
-60		0.3	0.7	1.5	2.4	3.1	4.9	8.7	8.7	4.9	3.1	2.4	1.5	0.7	0.3				
-70	0.1	0.4		1.5		3.4		5.8		3.4		1.5		0.4		0.1			
-80		0.4		1.5		3.4		5.8		3.4		1.5		0.4					
-90	0.1	0.4		1.5		3.4		5.8		3.4		1.5		0.4		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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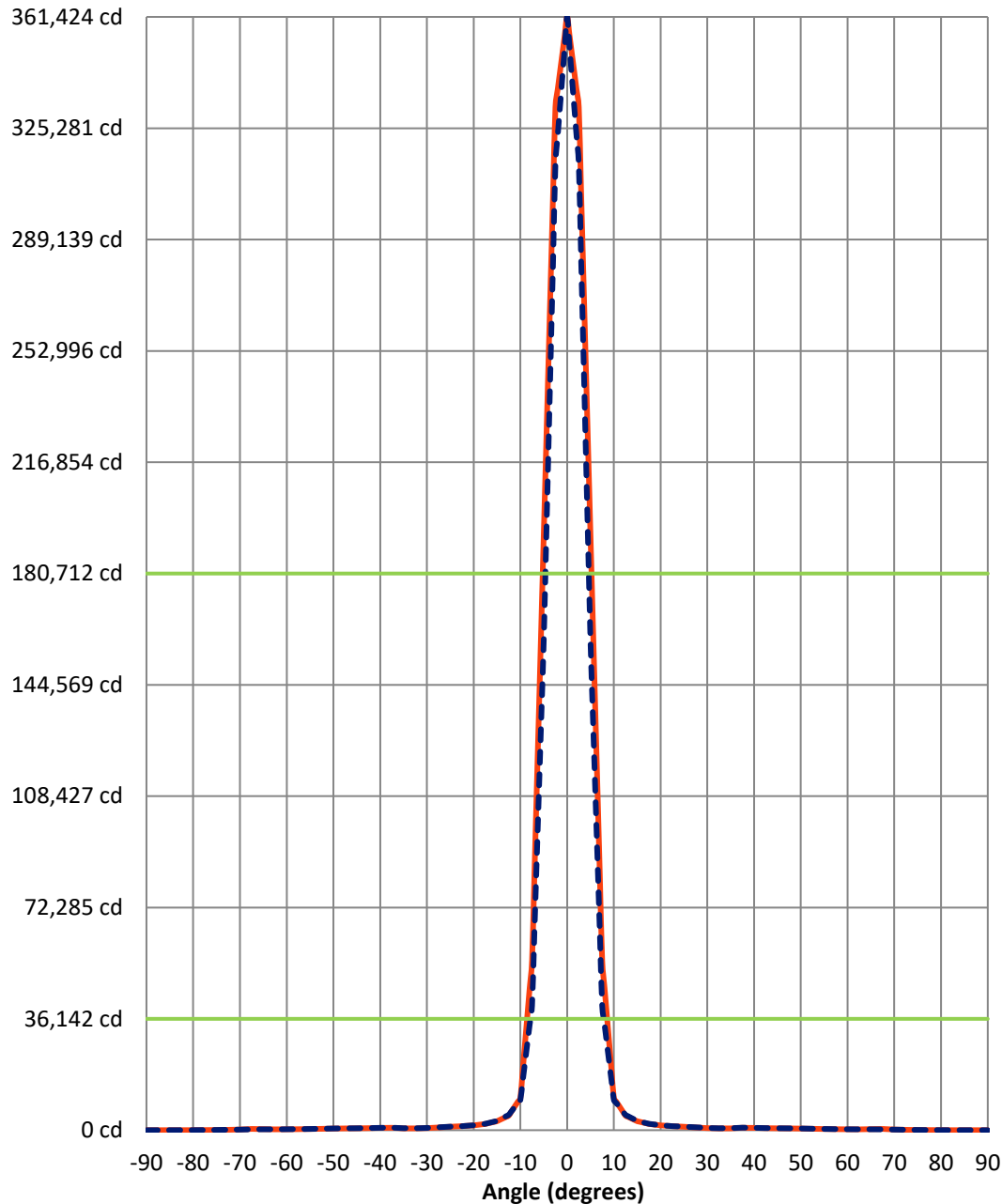
### Luminous Intensity Polar Plot



— 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: 6032.6  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 10397.1  
Efficiency: 73.9%

**Spill:**  
Lumens: 3677.4  
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	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.1	4.1	4.1
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.1	4.1	4.1	4.1
77.5°	0.0	0.9	1.8	2.7	3.5	4.1	4.1	4.1	4.1	4.1	4.5
75°	0.0	1.1	2.1	3.2	4.1	4.1	4.1	4.1	4.3	5.4	6.3
72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.2	8.1
70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.8	9.1	11.2
67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.9	7.9	9.6	12.4	14.7
65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.6	12.7	15.7	18.8
62.5°	0.0	1.9	3.8	4.1	4.1	6.2	9.0	12.1	15.8	19.4	24.2
60°	0.0	2.0	4.1	4.1	4.1	7.5	10.5	14.9	19.0	24.6	29.6
57.5°	0.0	2.2	4.1	4.1	5.2	8.9	13.2	17.8	23.4	29.8	35.8
55°	0.0	2.4	4.2	4.1	6.3	10.2	16.0	20.8	28.2	35.2	42.5
52.5°	0.0	2.5	4.2	4.1	7.4	11.7	18.9	25.4	33.0	41.6	49.3
50°	0.0	2.6	4.2	4.1	8.4	14.3	21.9	30.4	38.1	48.1	57.6
47.5°	0.0	2.8	4.3	4.3	9.5	16.9	25.1	35.5	44.1	54.6	66.3
45°	0.0	2.9	4.4	5.1	10.5	19.5	29.7	40.8	51.1	62.8	75.2
42.5°	0.0	3.0	4.4	5.8	11.5	22.1	34.4	46.8	58.5	71.2	85.8
40°	0.0	3.1	4.5	6.6	13.0	24.7	39.1	53.4	66.6	79.9	97.1
37.5°	0.0	3.3	4.6	7.2	15.0	27.3	43.8	60.2	75.7	90.9	108.7
35°	0.0	3.4	4.7	7.9	17.0	30.7	48.6	67.1	85.0	103.6	119.9
32.5°	0.0	3.5	4.8	8.4	18.9	34.5	53.7	74.0	94.4	116.8	134.1
30°	0.0	3.6	4.9	8.9	20.8	38.2	59.3	81.2	103.9	130.5	150.0
27.5°	0.0	3.6	5.0	9.3	22.0	41.8	64.9	89.0	114.1	144.6	167.5
25°	0.0	3.7	5.1	9.7	22.9	45.3	70.3	96.7	125.6	159.2	186.4
22.5°	0.0	3.8	5.2	10.0	23.7	48.1	75.7	104.2	137.2	174.6	202.5
20°	0.0	3.9	5.3	10.2	24.2	49.1	80.9	111.6	148.6	190.6	218.2
17.5°	0.0	3.9	5.4	10.4	24.6	49.8	83.6	118.7	159.9	207.1	233.7
15°	0.0	4.0	5.5	10.5	24.7	50.0	84.6	123.8	170.9	223.8	248.9
12.5°	0.0	4.0	5.7	10.6	24.7	50.0	85.2	126.5	178.1	240.5	263.8
10°	0.0	4.0	5.8	10.6	24.6	49.6	85.5	128.8	181.7	246.9	274.4
7.5°	0.0	4.1	5.9	10.6	24.3	48.9	85.3	130.8	184.3	250.7	276.2
5°	0.0	4.1	6.0	10.5	23.8	47.9	84.7	132.3	186.1	253.4	277.7
2.5°	0.0	4.1	6.1	10.4	23.3	46.7	83.6	133.3	187.1	254.8	278.9
0°	0.0	4.1	6.2	10.3	22.6	45.2	82.2	133.6	187.1	255.0	279.6
-2.5°	0.0	4.1	6.1	10.4	23.3	46.7	83.6	133.3	187.1	254.8	278.9
-5°	0.0	4.1	6.0	10.5	23.8	47.9	84.7	132.3	186.1	253.4	277.7
-7.5°	0.0	4.1	5.9	10.6	24.3	48.9	85.3	130.8	184.3	250.7	276.2
-10°	0.0	4.0	5.8	10.6	24.6	49.6	85.5	128.8	181.7	246.9	274.4
-12.5°	0.0	4.0	5.7	10.6	24.7	50.0	85.2	126.5	178.1	240.5	263.8
-15°	0.0	4.0	5.5	10.5	24.7	50.0	84.6	123.8	170.9	223.8	248.9
-17.5°	0.0	3.9	5.4	10.4	24.6	49.8	83.6	118.7	159.9	207.1	233.7
-20°	0.0	3.9	5.3	10.2	24.2	49.1	80.9	111.6	148.6	190.6	218.2



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 CATALOG NUMBER: GFLD-SA4E-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	3.8	5.2	10.0	23.7	48.1	75.7	104.2	137.2	174.6	202.5
-25°	0.0	3.7	5.1	9.7	22.9	45.3	70.3	96.7	125.6	159.2	186.4
-27.5°	0.0	3.6	5.0	9.3	22.0	41.8	64.9	89.0	114.1	144.6	167.5
-30°	0.0	3.6	4.9	8.9	20.8	38.2	59.3	81.2	103.9	130.5	150.0
-32.5°	0.0	3.5	4.8	8.4	18.9	34.5	53.7	74.0	94.4	116.8	134.1
-35°	0.0	3.4	4.7	7.9	17.0	30.7	48.6	67.1	85.0	103.6	119.9
-37.5°	0.0	3.3	4.6	7.2	15.0	27.3	43.8	60.2	75.7	90.9	108.7
-40°	0.0	3.1	4.5	6.6	13.0	24.7	39.1	53.4	66.6	79.9	97.1
-42.5°	0.0	3.0	4.4	5.8	11.5	22.1	34.4	46.8	58.5	71.2	85.8
-45°	0.0	2.9	4.4	5.1	10.5	19.5	29.7	40.8	51.1	62.8	75.2
-47.5°	0.0	2.8	4.3	4.3	9.5	16.9	25.1	35.5	44.1	54.6	66.3
-50°	0.0	2.6	4.2	4.1	8.4	14.3	21.9	30.4	38.1	48.1	57.6
-52.5°	0.0	2.5	4.2	4.1	7.4	11.7	18.9	25.4	33.0	41.6	49.3
-55°	0.0	2.4	4.2	4.1	6.3	10.2	16.0	20.8	28.2	35.2	42.5
-57.5°	0.0	2.2	4.1	4.1	5.2	8.9	13.2	17.8	23.4	29.8	35.8
-60°	0.0	2.0	4.1	4.1	4.1	7.5	10.5	14.9	19.0	24.6	29.6
-62.5°	0.0	1.9	3.8	4.1	4.1	6.2	9.0	12.1	15.8	19.4	24.2
-65°	0.0	1.7	3.5	4.1	4.1	4.8	7.4	9.6	12.7	15.7	18.8
-67.5°	0.0	1.6	3.1	4.1	4.1	4.1	5.9	7.9	9.6	12.4	14.7
-70°	0.0	1.4	2.8	4.1	4.1	4.1	4.3	6.2	7.8	9.1	11.2
-72.5°	0.0	1.2	2.5	3.7	4.1	4.1	4.1	4.5	6.0	7.2	8.1
-75°	0.0	1.1	2.1	3.2	4.1	4.1	4.1	4.1	4.3	5.4	6.3
-77.5°	0.0	0.9	1.8	2.7	3.5	4.1	4.1	4.1	4.1	4.1	4.5
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.1	4.1	4.1	4.1	4.1
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.1	4.1	4.1
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	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





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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°	3.3	3.1	2.7	2.4	2.5	2.7	2.8	2.9	3.0	3.2	3.3
82.5°	3.8	3.6	3.5	3.5	3.7	4.0	4.2	4.6	5.0	5.3	5.6
80°	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.7	9.8
77.5°	5.3	6.1	6.9	7.6	8.5	10.1	11.4	12.6	14.0	15.6	17.4
75°	7.2	8.1	10.1	12.4	14.4	16.1	17.5	19.7	22.5	25.5	28.4
72.5°	9.8	12.3	15.0	18.0	21.4	24.3	27.1	29.8	34.2	39.1	42.7
70°	13.5	16.6	20.8	25.5	30.0	33.8	39.4	46.1	52.9	56.3	58.3
67.5°	17.4	22.4	27.6	33.2	39.3	45.7	53.5	60.8	67.7	70.5	73.1
65°	22.7	28.3	34.7	41.5	48.6	56.3	64.3	72.4	79.6	83.3	87.5
62.5°	28.0	34.7	42.0	49.7	57.6	65.9	75.6	83.7	89.9	97.3	106.0
60°	34.4	41.1	49.4	58.0	67.0	78.6	88.3	97.3	105.7	114.1	127.1
57.5°	41.2	47.6	56.9	67.0	79.4	92.7	103.6	113.4	124.9	137.0	150.1
55°	48.6	54.3	64.8	77.3	91.5	107.3	120.2	133.5	146.8	157.6	169.2
52.5°	57.0	62.2	73.2	87.6	104.1	121.8	138.9	152.9	165.2	177.0	190.3
50°	65.8	72.5	81.4	98.6	117.0	137.1	156.5	170.5	184.5	198.5	213.4
47.5°	76.1	83.5	91.0	109.6	130.5	151.0	171.1	189.0	204.6	223.1	240.2
45°	87.3	96.0	104.0	121.3	142.8	163.6	186.0	207.6	229.4	251.2	278.6
42.5°	99.1	108.7	118.9	132.3	153.7	176.8	200.8	229.5	257.1	287.6	323.1
40°	110.6	121.2	133.4	145.5	164.5	190.2	219.5	251.7	290.7	330.1	373.0
37.5°	121.8	134.0	147.2	159.7	176.5	205.5	237.7	278.8	325.8	375.5	430.3
35°	132.8	146.4	159.8	174.6	193.4	221.5	261.2	307.9	364.2	427.1	477.2
32.5°	143.6	158.1	171.8	189.6	212.8	241.6	283.9	342.6	407.7	471.5	504.9
30°	157.1	168.8	183.7	203.8	231.8	268.5	314.4	377.7	451.7	495.2	526.3
27.5°	175.1	179.3	196.2	219.7	251.3	294.9	352.0	417.8	479.0	517.2	545.1
25°	192.8	197.2	207.8	235.7	274.7	326.1	390.3	465.3	501.6	533.9	566.2
22.5°	209.8	214.4	227.8	250.9	297.3	357.9	432.5	498.2	532.7	553.3	588.3
20°	225.7	232.8	249.3	276.0	320.6	388.1	473.5	528.6	561.6	586.3	618.5
17.5°	241.1	250.9	271.1	303.5	353.2	421.9	510.7	559.0	591.1	615.0	654.9
15°	256.0	268.5	292.1	329.2	383.7	458.1	535.6	583.9	618.5	642.0	688.6
12.5°	270.3	285.6	312.1	353.2	411.2	489.7	556.7	600.0	634.5	670.3	718.6
10°	284.3	302.2	331.2	375.4	435.7	516.9	574.3	612.9	647.4	693.0	743.3
7.5°	286.4	310.5	346.8	395.8	457.5	540.0	588.8	623.0	660.4	713.7	765.7
5°	286.5	309.9	348.0	401.1	467.9	553.6	598.9	630.6	672.9	732.2	785.7
2.5°	286.2	308.5	348.3	402.9	470.5	555.0	600.4	632.6	680.2	750.4	804.1
0°	285.8	306.4	347.5	403.0	470.8	553.1	600.4	633.3	684.7	766.9	820.4
-2.5°	286.2	308.5	348.3	402.9	470.5	555.0	600.4	632.6	680.2	750.4	804.1
-5°	286.5	309.9	348.0	401.1	467.9	553.6	598.9	630.6	672.9	732.2	785.7
-7.5°	286.4	310.5	346.8	395.8	457.5	540.0	588.8	623.0	660.4	713.7	765.7
-10°	284.3	302.2	331.2	375.4	435.7	516.9	574.3	612.9	647.4	693.0	743.3
-12.5°	270.3	285.6	312.1	353.2	411.2	489.7	556.7	600.0	634.5	670.3	718.6
-15°	256.0	268.5	292.1	329.2	383.7	458.1	535.6	583.9	618.5	642.0	688.6
-17.5°	241.1	250.9	271.1	303.5	353.2	421.9	510.7	559.0	591.1	615.0	654.9
-20°	225.7	232.8	249.3	276.0	320.6	388.1	473.5	528.6	561.6	586.3	618.5



REPORT NUMBER: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	209.8	214.4	227.8	250.9	297.3	357.9	432.5	498.2	532.7	553.3	588.3
-25°	192.8	197.2	207.8	235.7	274.7	326.1	390.3	465.3	501.6	533.9	566.2
-27.5°	175.1	179.3	196.2	219.7	251.3	294.9	352.0	417.8	479.0	517.2	545.1
-30°	157.1	168.8	183.7	203.8	231.8	268.5	314.4	377.7	451.7	495.2	526.3
-32.5°	143.6	158.1	171.8	189.6	212.8	241.6	283.9	342.6	407.7	471.5	504.9
-35°	132.8	146.4	159.8	174.6	193.4	221.5	261.2	307.9	364.2	427.1	477.2
-37.5°	121.8	134.0	147.2	159.7	176.5	205.5	237.7	278.8	325.8	375.5	430.3
-40°	110.6	121.2	133.4	145.5	164.5	190.2	219.5	251.7	290.7	330.1	373.0
-42.5°	99.1	108.7	118.9	132.3	153.7	176.8	200.8	229.5	257.1	287.6	323.1
-45°	87.3	96.0	104.0	121.3	142.8	163.6	186.0	207.6	229.4	251.2	278.6
-47.5°	76.1	83.5	91.0	109.6	130.5	151.0	171.1	189.0	204.6	223.1	240.2
-50°	65.8	72.5	81.4	98.6	117.0	137.1	156.5	170.5	184.5	198.5	213.4
-52.5°	57.0	62.2	73.2	87.6	104.1	121.8	138.9	152.9	165.2	177.0	190.3
-55°	48.6	54.3	64.8	77.3	91.5	107.3	120.2	133.5	146.8	157.6	169.2
-57.5°	41.2	47.6	56.9	67.0	79.4	92.7	103.6	113.4	124.9	137.0	150.1
-60°	34.4	41.1	49.4	58.0	67.0	78.6	88.3	97.3	105.7	114.1	127.1
-62.5°	28.0	34.7	42.0	49.7	57.6	65.9	75.6	83.7	89.9	97.3	106.0
-65°	22.7	28.3	34.7	41.5	48.6	56.3	64.3	72.4	79.6	83.3	87.5
-67.5°	17.4	22.4	27.6	33.2	39.3	45.7	53.5	60.8	67.7	70.5	73.1
-70°	13.5	16.6	20.8	25.5	30.0	33.8	39.4	46.1	52.9	56.3	58.3
-72.5°	9.8	12.3	15.0	18.0	21.4	24.3	27.1	29.8	34.2	39.1	42.7
-75°	7.2	8.1	10.1	12.4	14.4	16.1	17.5	19.7	22.5	25.5	28.4
-77.5°	5.3	6.1	6.9	7.6	8.5	10.1	11.4	12.6	14.0	15.6	17.4
-80°	4.0	4.1	4.7	5.3	5.9	6.4	6.9	7.5	8.0	8.7	9.8
-82.5°	3.8	3.6	3.5	3.5	3.7	4.0	4.2	4.6	5.0	5.3	5.6
-85°	3.3	3.1	2.7	2.4	2.5	2.7	2.8	2.9	3.0	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: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	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	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
82.5°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
80°	11.0	11.8	12.5	13.0	13.3	14.8	16.6	18.5	20.5	21.2	21.7
77.5°	19.6	21.0	21.9	22.6	23.1	26.3	30.4	34.7	39.2	41.5	43.4
75°	31.2	32.9	34.0	34.8	35.3	40.2	47.5	55.2	63.1	67.2	70.2
72.5°	45.1	46.5	47.6	48.6	49.3	56.5	69.7	84.0	99.2	108.5	115.3
70°	60.1	61.8	63.1	64.2	65.0	73.7	92.8	112.8	133.5	154.2	176.1
67.5°	76.1	79.5	81.3	82.3	83.3	90.7	111.1	129.9	147.3	184.7	243.5
65°	93.4	101.3	104.6	106.5	107.2	110.6	128.0	143.7	157.8	186.9	231.8
62.5°	115.5	125.9	130.7	132.9	134.1	134.4	148.6	161.7	173.8	192.0	220.5
60°	139.3	150.6	156.5	158.1	159.2	159.6	170.9	184.0	196.0	210.8	237.5
57.5°	161.1	171.7	180.5	183.9	186.7	188.6	198.6	213.9	228.2	243.0	271.6
55°	181.9	194.8	206.9	213.7	220.0	225.5	235.3	254.7	273.0	290.4	320.1
52.5°	204.7	221.1	237.3	249.5	261.4	271.9	282.4	307.4	332.0	355.1	384.0
50°	231.8	252.0	275.7	295.6	312.7	329.6	344.7	374.3	407.6	439.1	469.5
47.5°	266.1	292.9	323.1	351.5	374.8	400.9	424.6	455.0	484.4	513.7	538.9
45°	308.3	345.3	380.2	417.9	451.1	468.4	482.1	501.1	531.3	560.1	583.6
42.5°	362.2	405.3	448.3	476.4	497.7	511.7	521.7	531.6	563.3	591.2	613.9
40°	422.3	465.6	492.0	515.0	529.8	542.3	557.9	573.4	598.3	626.8	652.1
37.5°	474.3	502.1	525.4	543.4	561.2	577.8	600.4	622.7	646.3	678.3	701.8
35°	506.3	530.7	554.3	577.0	599.9	625.4	653.6	686.3	715.3	689.0	650.9
32.5°	530.8	555.8	584.4	619.3	650.8	685.7	721.0	664.2	606.0	583.2	587.9
30°	552.0	581.1	620.5	666.1	709.9	694.2	616.6	589.4	597.4	613.4	644.1
27.5°	574.8	611.1	659.0	715.1	680.6	594.7	599.2	614.9	668.2	713.4	782.0
25°	601.8	645.6	705.0	679.0	600.2	608.4	648.2	708.3	809.8	904.4	987.1
22.5°	634.3	690.0	697.9	600.3	611.0	663.1	744.0	874.2	997.4	1111.7	1197.0
20°	667.3	731.6	632.7	612.1	657.8	750.9	901.0	1050.5	1188.0	1290.3	1375.7
17.5°	706.8	684.1	614.1	636.1	728.6	889.3	1058.3	1216.8	1346.5	1523.3	1673.7
15°	741.5	638.4	625.4	697.8	837.0	1017.8	1201.4	1343.8	1578.1	1831.5	2087.6
12.5°	721.6	622.2	645.5	752.7	935.7	1131.2	1293.5	1518.8	1828.9	2198.9	2754.9
10°	692.2	631.3	688.4	828.7	1020.3	1210.6	1379.3	1674.6	2083.8	2763.5	3639.0
7.5°	669.4	635.2	716.7	887.1	1083.1	1258.6	1483.5	1841.6	2412.0	3344.4	5208.5
5°	652.2	635.1	729.7	920.8	1120.4	1291.8	1547.7	1963.0	2733.5	4061.9	7247.3
2.5°	644.6	631.7	733.3	938.9	1138.6	1310.2	1587.7	2050.3	2936.5	4728.5	9529.9
0°	649.7	625.0	732.0	945.8	1149.3	1307.7	1593.5	2076.6	2997.7	4974.7	9836.2
-2.5°	644.6	631.7	733.3	938.9	1138.6	1310.2	1587.7	2050.3	2936.5	4728.5	9529.9
-5°	652.2	635.1	729.7	920.8	1120.4	1291.8	1547.7	1963.0	2733.5	4061.9	7247.3
-7.5°	669.4	635.2	716.7	887.1	1083.1	1258.6	1483.5	1841.6	2412.0	3344.4	5208.5
-10°	692.2	631.3	688.4	828.7	1020.3	1210.6	1379.3	1674.6	2083.8	2763.5	3639.0
-12.5°	721.6	622.2	645.5	752.7	935.7	1131.2	1293.5	1518.8	1828.9	2198.9	2754.9
-15°	741.5	638.4	625.4	697.8	837.0	1017.8	1201.4	1343.8	1578.1	1831.5	2087.6
-17.5°	706.8	684.1	614.1	636.1	728.6	889.3	1058.3	1216.8	1346.5	1523.3	1673.7
-20°	667.3	731.6	632.7	612.1	657.8	750.9	901.0	1050.5	1188.0	1290.3	1375.7



REPORT NUMBER: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	634.3	690.0	697.9	600.3	611.0	663.1	744.0	874.2	997.4	1111.7	1197.0
-25°	601.8	645.6	705.0	679.0	600.2	608.4	648.2	708.3	809.8	904.4	987.1
-27.5°	574.8	611.1	659.0	715.1	680.6	594.7	599.2	614.9	668.2	713.4	782.0
-30°	552.0	581.1	620.5	666.1	709.9	694.2	616.6	589.4	597.4	613.4	644.1
-32.5°	530.8	555.8	584.4	619.3	650.8	685.7	721.0	664.2	606.0	583.2	587.9
-35°	506.3	530.7	554.3	577.0	599.9	625.4	653.6	686.3	715.3	689.0	650.9
-37.5°	474.3	502.1	525.4	543.4	561.2	577.8	600.4	622.7	646.3	678.3	701.8
-40°	422.3	465.6	492.0	515.0	529.8	542.3	557.9	573.4	598.3	626.8	652.1
-42.5°	362.2	405.3	448.3	476.4	497.7	511.7	521.7	531.6	563.3	591.2	613.9
-45°	308.3	345.3	380.2	417.9	451.1	468.4	482.1	501.1	531.3	560.1	583.6
-47.5°	266.1	292.9	323.1	351.5	374.8	400.9	424.6	455.0	484.4	513.7	538.9
-50°	231.8	252.0	275.7	295.6	312.7	329.6	344.7	374.3	407.6	439.1	469.5
-52.5°	204.7	221.1	237.3	249.5	261.4	271.9	282.4	307.4	332.0	355.1	384.0
-55°	181.9	194.8	206.9	213.7	220.0	225.5	235.3	254.7	273.0	290.4	320.1
-57.5°	161.1	171.7	180.5	183.9	186.7	188.6	198.6	213.9	228.2	243.0	271.6
-60°	139.3	150.6	156.5	158.1	159.2	159.6	170.9	184.0	196.0	210.8	237.5
-62.5°	115.5	125.9	130.7	132.9	134.1	134.4	148.6	161.7	173.8	192.0	220.5
-65°	93.4	101.3	104.6	106.5	107.2	110.6	128.0	143.7	157.8	186.9	231.8
-67.5°	76.1	79.5	81.3	82.3	83.3	90.7	111.1	129.9	147.3	184.7	243.5
-70°	60.1	61.8	63.1	64.2	65.0	73.7	92.8	112.8	133.5	154.2	176.1
-72.5°	45.1	46.5	47.6	48.6	49.3	56.5	69.7	84.0	99.2	108.5	115.3
-75°	31.2	32.9	34.0	34.8	35.3	40.2	47.5	55.2	63.1	67.2	70.2
-77.5°	19.6	21.0	21.9	22.6	23.1	26.3	30.4	34.7	39.2	41.5	43.4
-80°	11.0	11.8	12.5	13.0	13.3	14.8	16.6	18.5	20.5	21.2	21.7
-82.5°	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.6	7.8	7.9	8.0
-85°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	4.0	4.0
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-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: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
82.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
80°	22.1	22.4	21.6	20.6	21.6	22.4	22.1	21.7	21.2	20.5	18.5
77.5°	45.2	46.8	45.2	43.2	45.2	46.8	45.2	43.4	41.5	39.2	34.7
75°	72.9	75.3	74.0	72.0	74.0	75.3	72.9	70.2	67.2	63.1	55.2
72.5°	121.7	127.6	126.2	123.4	126.2	127.6	121.7	115.3	108.5	99.2	84.0
70°	199.2	222.6	221.7	215.9	221.7	222.6	199.2	176.1	154.2	133.5	112.8
67.5°	307.2	373.5	394.6	405.0	394.6	373.5	307.2	243.5	184.7	147.3	129.9
65°	273.6	313.7	329.5	341.3	329.5	313.7	273.6	231.8	186.9	157.8	143.7
62.5°	246.1	269.9	275.0	275.5	275.0	269.9	246.1	220.5	192.0	173.8	161.7
60°	263.4	288.6	292.4	287.8	292.4	288.6	263.4	237.5	210.8	196.0	184.0
57.5°	299.1	325.5	330.4	324.9	330.4	325.5	299.1	271.6	243.0	228.2	213.9
55°	348.5	375.2	384.1	382.4	384.1	375.2	348.5	320.1	290.4	273.0	254.7
52.5°	411.6	436.2	446.4	446.2	446.4	436.2	411.6	384.0	355.1	332.0	307.4
50°	496.0	518.0	529.0	530.5	529.0	518.0	496.0	469.5	439.1	407.6	374.3
47.5°	556.8	571.3	578.8	579.8	578.8	571.3	556.8	538.9	513.7	484.4	455.0
45°	594.1	601.8	607.7	612.7	607.7	601.8	594.1	583.6	560.1	531.3	501.1
42.5°	629.1	645.3	657.2	660.0	657.2	645.3	629.1	613.9	591.2	563.3	531.6
40°	676.0	698.4	719.8	742.2	719.8	698.4	676.0	652.1	626.8	598.3	573.4
37.5°	726.2	751.1	771.7	783.4	771.7	751.1	726.2	701.8	678.3	646.3	622.7
35°	624.1	607.7	598.0	594.2	598.0	607.7	624.1	650.9	689.0	715.3	686.3
32.5°	590.7	591.8	589.9	586.0	589.9	591.8	590.7	587.9	583.2	606.0	664.2
30°	667.0	677.8	679.1	678.5	679.1	677.8	667.0	644.1	613.4	597.4	589.4
27.5°	832.6	860.4	869.0	886.2	869.0	860.4	832.6	782.0	713.4	668.2	614.9
25°	1051.1	1093.0	1113.1	1120.6	1113.1	1093.0	1051.1	987.1	904.4	809.8	708.3
22.5°	1245.3	1277.3	1296.0	1311.8	1296.0	1277.3	1245.3	1197.0	1111.7	997.4	874.2
20°	1475.4	1533.8	1560.6	1562.6	1560.6	1533.8	1475.4	1375.7	1290.3	1188.0	1050.5
17.5°	1834.6	1948.3	2005.1	2021.1	2005.1	1948.3	1834.6	1673.7	1523.3	1346.5	1216.8
15°	2401.3	2691.5	2840.9	2911.4	2840.9	2691.5	2401.3	2087.6	1831.5	1578.1	1343.8
12.5°	3325.9	3980.1	4509.3	4708.4	4509.3	3980.1	3325.9	2754.9	2198.9	1828.9	1518.8
10°	5157.6	7111.6	9394.3	10459.2	9394.3	7111.6	5157.6	3639.0	2763.5	2083.8	1674.6
7.5°	9977.9	23166.9	44901.3	55269.1	44901.3	23166.9	9977.9	5208.5	3344.4	2412.0	1841.6
5°	21268.2	91786.8	164378.8	193076.9	164378.8	91786.8	21268.2	7247.3	4061.9	2733.5	1963.0
2.5°	33875.7	150542.4	284049.4	332136.9	284049.4	150542.4	33875.7	9529.9	4728.5	2936.5	2050.3
0°	40474.7	158644.0	313442.1	361423.5	313442.1	158644.0	40474.7	9836.2	4974.7	2997.7	2076.6
-2.5°	33875.7	150542.4	284049.4	332136.8	284049.4	150542.4	33875.7	9529.9	4728.5	2936.5	2050.3
-5°	21268.2	91786.8	164378.8	193076.9	164378.8	91786.8	21268.2	7247.3	4061.9	2733.5	1963.0
-7.5°	9977.9	23166.9	44901.3	55269.1	44901.3	23166.9	9977.9	5208.5	3344.4	2412.0	1841.6
-10°	5157.6	7111.6	9394.3	10459.2	9394.3	7111.6	5157.6	3639.0	2763.5	2083.8	1674.6
-12.5°	3325.9	3980.1	4509.3	4708.4	4509.3	3980.1	3325.9	2754.9	2198.9	1828.9	1518.8
-15°	2401.3	2691.5	2840.9	2911.4	2840.9	2691.5	2401.3	2087.6	1831.5	1578.1	1343.8
-17.5°	1834.6	1948.3	2005.1	2021.1	2005.1	1948.3	1834.6	1673.7	1523.3	1346.5	1216.8
-20°	1475.4	1533.8	1560.6	1562.6	1560.6	1533.8	1475.4	1375.7	1290.3	1188.0	1050.5



REPORT NUMBER: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	1245.3	1277.3	1296.0	1311.8	1296.0	1277.3	1245.3	1197.0	1111.7	997.4	874.2
-25°	1051.1	1093.0	1113.1	1120.6	1113.1	1093.0	1051.1	987.1	904.4	809.8	708.3
-27.5°	832.6	860.4	869.0	886.2	869.0	860.4	832.6	782.0	713.4	668.2	614.9
-30°	667.0	677.8	679.1	678.5	679.1	677.8	667.0	644.1	613.4	597.4	589.4
-32.5°	590.7	591.8	589.9	586.0	589.9	591.8	590.7	587.9	583.2	606.0	664.2
-35°	624.1	607.7	598.0	594.2	598.0	607.7	624.1	650.9	689.0	715.3	686.3
-37.5°	726.2	751.1	771.7	783.4	771.7	751.1	726.2	701.8	678.3	646.3	622.7
-40°	676.0	698.4	719.8	742.2	719.8	698.4	676.0	652.1	626.8	598.3	573.4
-42.5°	629.1	645.3	657.2	660.0	657.2	645.3	629.1	613.9	591.2	563.3	531.6
-45°	594.1	601.8	607.7	612.7	607.7	601.8	594.1	583.6	560.1	531.3	501.1
-47.5°	556.8	571.3	578.8	579.8	578.8	571.3	556.8	538.9	513.7	484.4	455.0
-50°	496.0	518.0	529.0	530.5	529.0	518.0	496.0	469.5	439.1	407.6	374.3
-52.5°	411.6	436.2	446.4	446.2	446.4	436.2	411.6	384.0	355.1	332.0	307.4
-55°	348.5	375.2	384.1	382.4	384.1	375.2	348.5	320.1	290.4	273.0	254.7
-57.5°	299.1	325.5	330.4	324.9	330.4	325.5	299.1	271.6	243.0	228.2	213.9
-60°	263.4	288.6	292.4	287.8	292.4	288.6	263.4	237.5	210.8	196.0	184.0
-62.5°	246.1	269.9	275.0	275.5	275.0	269.9	246.1	220.5	192.0	173.8	161.7
-65°	273.6	313.7	329.5	341.3	329.5	313.7	273.6	231.8	186.9	157.8	143.7
-67.5°	307.2	373.5	394.6	405.0	394.6	373.5	307.2	243.5	184.7	147.3	129.9
-70°	199.2	222.6	221.7	215.9	221.7	222.6	199.2	176.1	154.2	133.5	112.8
-72.5°	121.7	127.6	126.2	123.4	126.2	127.6	121.7	115.3	108.5	99.2	84.0
-75°	72.9	75.3	74.0	72.0	74.0	75.3	72.9	70.2	67.2	63.1	55.2
-77.5°	45.2	46.8	45.2	43.2	45.2	46.8	45.2	43.4	41.5	39.2	34.7
-80°	22.1	22.4	21.6	20.6	21.6	22.4	22.1	21.7	21.2	20.5	18.5
-82.5°	8.1	8.2	8.2	8.2	8.2	8.2	8.1	8.0	7.9	7.8	7.6
-85°	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
-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: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.0	2.9
82.5°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.6
80°	16.6	14.8	13.3	13.0	12.5	11.8	11.0	9.8	8.7	8.0	7.5
77.5°	30.4	26.3	23.1	22.6	21.9	21.0	19.6	17.4	15.6	14.0	12.6
75°	47.5	40.2	35.3	34.8	34.0	32.9	31.2	28.4	25.5	22.5	19.7
72.5°	69.7	56.5	49.3	48.6	47.6	46.5	45.1	42.7	39.1	34.2	29.8
70°	92.8	73.7	65.0	64.2	63.1	61.8	60.1	58.3	56.3	52.9	46.1
67.5°	111.1	90.7	83.3	82.3	81.3	79.5	76.1	73.1	70.5	67.7	60.8
65°	128.0	110.6	107.2	106.5	104.6	101.3	93.4	87.5	83.3	79.6	72.4
62.5°	148.6	134.4	134.1	132.9	130.7	125.9	115.5	106.0	97.3	89.9	83.7
60°	170.9	159.6	159.2	158.1	156.5	150.6	139.3	127.1	114.1	105.7	97.3
57.5°	198.6	188.6	186.7	183.9	180.5	171.7	161.1	150.1	137.0	124.9	113.4
55°	235.3	225.5	220.0	213.7	206.9	194.8	181.9	169.2	157.6	146.8	133.5
52.5°	282.4	271.9	261.4	249.5	237.3	221.1	204.7	190.3	177.0	165.2	152.9
50°	344.7	329.6	312.7	295.6	275.7	252.0	231.8	213.4	198.5	184.5	170.5
47.5°	424.6	400.9	374.8	351.5	323.1	292.9	266.1	240.2	223.1	204.6	189.0
45°	482.1	468.4	451.1	417.9	380.2	345.3	308.3	278.6	251.2	229.4	207.6
42.5°	521.7	511.7	497.7	476.4	448.3	405.3	362.2	323.1	287.6	257.1	229.5
40°	557.9	542.3	529.8	515.0	492.0	465.6	422.3	373.0	330.1	290.7	251.7
37.5°	600.4	577.8	561.2	543.4	525.4	502.1	474.3	430.3	375.5	325.8	278.8
35°	653.6	625.4	599.9	577.0	554.3	530.7	506.3	477.2	427.1	364.2	307.9
32.5°	721.0	685.7	650.8	619.3	584.4	555.8	530.8	504.9	471.5	407.7	342.6
30°	616.6	694.2	709.9	666.1	620.5	581.1	552.0	526.3	495.2	451.7	377.7
27.5°	599.2	594.7	680.6	715.1	659.0	611.1	574.8	545.1	517.2	479.0	417.8
25°	648.2	608.4	600.2	679.0	705.0	645.6	601.8	566.2	533.9	501.6	465.3
22.5°	744.0	663.1	611.0	600.3	697.9	690.0	634.3	588.3	553.3	532.7	498.2
20°	901.0	750.9	657.8	612.1	632.7	731.6	667.3	618.5	586.3	561.6	528.6
17.5°	1058.3	889.3	728.6	636.1	614.1	684.1	706.8	654.9	615.0	591.1	559.0
15°	1201.4	1017.8	837.0	697.8	625.4	638.4	741.5	688.6	642.0	618.5	583.9
12.5°	1293.5	1131.2	935.7	752.7	645.5	622.2	721.6	718.6	670.3	634.5	600.0
10°	1379.3	1210.6	1020.3	828.7	688.4	631.3	692.2	743.3	693.0	647.4	612.9
7.5°	1483.5	1258.6	1083.1	887.1	716.7	635.2	669.4	765.7	713.7	660.4	623.0
5°	1547.7	1291.8	1120.4	920.8	729.7	635.1	652.2	785.7	732.2	672.9	630.6
2.5°	1587.7	1310.2	1138.6	938.9	733.3	631.7	644.6	804.1	750.4	680.2	632.6
0°	1593.5	1307.7	1149.3	945.8	732.0	625.0	649.7	820.4	766.9	684.7	633.3
-2.5°	1587.7	1310.2	1138.6	938.9	733.3	631.7	644.6	804.1	750.4	680.2	632.6
-5°	1547.7	1291.8	1120.4	920.8	729.7	635.1	652.2	785.7	732.2	672.9	630.6
-7.5°	1483.5	1258.6	1083.1	887.1	716.7	635.2	669.4	765.7	713.7	660.4	623.0
-10°	1379.3	1210.6	1020.3	828.7	688.4	631.3	692.2	743.3	693.0	647.4	612.9
-12.5°	1293.5	1131.2	935.7	752.7	645.5	622.2	721.6	718.6	670.3	634.5	600.0
-15°	1201.4	1017.8	837.0	697.8	625.4	638.4	741.5	688.6	642.0	618.5	583.9
-17.5°	1058.3	889.3	728.6	636.1	614.1	684.1	706.8	654.9	615.0	591.1	559.0
-20°	901.0	750.9	657.8	612.1	632.7	731.6	667.3	618.5	586.3	561.6	528.6





REPORT NUMBER: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	744.0	663.1	611.0	600.3	697.9	690.0	634.3	588.3	553.3	532.7	498.2
-25°	648.2	608.4	600.2	679.0	705.0	645.6	601.8	566.2	533.9	501.6	465.3
-27.5°	599.2	594.7	680.6	715.1	659.0	611.1	574.8	545.1	517.2	479.0	417.8
-30°	616.6	694.2	709.9	666.1	620.5	581.1	552.0	526.3	495.2	451.7	377.7
-32.5°	721.0	685.7	650.8	619.3	584.4	555.8	530.8	504.9	471.5	407.7	342.6
-35°	653.6	625.4	599.9	577.0	554.3	530.7	506.3	477.2	427.1	364.2	307.9
-37.5°	600.4	577.8	561.2	543.4	525.4	502.1	474.3	430.3	375.5	325.8	278.8
-40°	557.9	542.3	529.8	515.0	492.0	465.6	422.3	373.0	330.1	290.7	251.7
-42.5°	521.7	511.7	497.7	476.4	448.3	405.3	362.2	323.1	287.6	257.1	229.5
-45°	482.1	468.4	451.1	417.9	380.2	345.3	308.3	278.6	251.2	229.4	207.6
-47.5°	424.6	400.9	374.8	351.5	323.1	292.9	266.1	240.2	223.1	204.6	189.0
-50°	344.7	329.6	312.7	295.6	275.7	252.0	231.8	213.4	198.5	184.5	170.5
-52.5°	282.4	271.9	261.4	249.5	237.3	221.1	204.7	190.3	177.0	165.2	152.9
-55°	235.3	225.5	220.0	213.7	206.9	194.8	181.9	169.2	157.6	146.8	133.5
-57.5°	198.6	188.6	186.7	183.9	180.5	171.7	161.1	150.1	137.0	124.9	113.4
-60°	170.9	159.6	159.2	158.1	156.5	150.6	139.3	127.1	114.1	105.7	97.3
-62.5°	148.6	134.4	134.1	132.9	130.7	125.9	115.5	106.0	97.3	89.9	83.7
-65°	128.0	110.6	107.2	106.5	104.6	101.3	93.4	87.5	83.3	79.6	72.4
-67.5°	111.1	90.7	83.3	82.3	81.3	79.5	76.1	73.1	70.5	67.7	60.8
-70°	92.8	73.7	65.0	64.2	63.1	61.8	60.1	58.3	56.3	52.9	46.1
-72.5°	69.7	56.5	49.3	48.6	47.6	46.5	45.1	42.7	39.1	34.2	29.8
-75°	47.5	40.2	35.3	34.8	34.0	32.9	31.2	28.4	25.5	22.5	19.7
-77.5°	30.4	26.3	23.1	22.6	21.9	21.0	19.6	17.4	15.6	14.0	12.6
-80°	16.6	14.8	13.3	13.0	12.5	11.8	11.0	9.8	8.7	8.0	7.5
-82.5°	7.5	7.3	7.0	6.8	6.5	6.3	6.0	5.6	5.3	5.0	4.6
-85°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.0	2.9
-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: P558985 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-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°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2
85°	2.8	2.7	2.5	2.4	2.7	3.1	3.3	3.5	3.1	2.8	2.5
82.5°	4.2	4.0	3.7	3.5	3.5	3.6	3.8	4.1	4.1	4.1	3.7
80°	6.9	6.4	5.9	5.3	4.7	4.1	4.0	4.1	4.1	4.1	4.1
77.5°	11.4	10.1	8.5	7.6	6.9	6.1	5.3	4.5	4.1	4.1	4.1
75°	17.5	16.1	14.4	12.4	10.1	8.1	7.2	6.3	5.4	4.3	4.1
72.5°	27.1	24.3	21.4	18.0	15.0	12.3	9.8	8.1	7.2	6.0	4.5
70°	39.4	33.8	30.0	25.5	20.8	16.6	13.5	11.2	9.1	7.8	6.2
67.5°	53.5	45.7	39.3	33.2	27.6	22.4	17.4	14.7	12.4	9.6	7.9
65°	64.3	56.3	48.6	41.5	34.7	28.3	22.7	18.8	15.7	12.7	9.6
62.5°	75.6	65.9	57.6	49.7	42.0	34.7	28.0	24.2	19.4	15.8	12.1
60°	88.3	78.6	67.0	58.0	49.4	41.1	34.4	29.6	24.6	19.0	14.9
57.5°	103.6	92.7	79.4	67.0	56.9	47.6	41.2	35.8	29.8	23.4	17.8
55°	120.2	107.3	91.5	77.3	64.8	54.3	48.6	42.5	35.2	28.2	20.8
52.5°	138.9	121.8	104.1	87.6	73.2	62.2	57.0	49.3	41.6	33.0	25.4
50°	156.5	137.1	117.0	98.6	81.4	72.5	65.8	57.6	48.1	38.1	30.4
47.5°	171.1	151.0	130.5	109.6	91.0	83.5	76.1	66.3	54.6	44.1	35.5
45°	186.0	163.6	142.8	121.3	104.0	96.0	87.3	75.2	62.8	51.1	40.8
42.5°	200.8	176.8	153.7	132.3	118.9	108.7	99.1	85.8	71.2	58.5	46.8
40°	219.5	190.2	164.5	145.5	133.4	121.2	110.6	97.1	79.9	66.6	53.4
37.5°	237.7	205.5	176.5	159.7	147.2	134.0	121.8	108.7	90.9	75.7	60.2
35°	261.2	221.5	193.4	174.6	159.8	146.4	132.8	119.9	103.6	85.0	67.1
32.5°	283.9	241.6	212.8	189.6	171.8	158.1	143.6	134.1	116.8	94.4	74.0
30°	314.4	268.5	231.8	203.8	183.7	168.8	157.1	150.0	130.5	103.9	81.2
27.5°	352.0	294.9	251.3	219.7	196.2	179.3	175.1	167.5	144.6	114.1	89.0
25°	390.3	326.1	274.7	235.7	207.8	197.2	192.8	186.4	159.2	125.6	96.7
22.5°	432.5	357.9	297.3	250.9	227.8	214.4	209.8	202.5	174.6	137.2	104.2
20°	473.5	388.1	320.6	276.0	249.3	232.8	225.7	218.2	190.6	148.6	111.6
17.5°	510.7	421.9	353.2	303.5	271.1	250.9	241.1	233.7	207.1	159.9	118.7
15°	535.6	458.1	383.7	329.2	292.1	268.5	256.0	248.9	223.8	170.9	123.8
12.5°	556.7	489.7	411.2	353.2	312.1	285.6	270.3	263.8	240.5	178.1	126.5
10°	574.3	516.9	435.7	375.4	331.2	302.2	284.3	274.4	246.9	181.7	128.8
7.5°	588.8	540.0	457.5	395.8	346.8	310.5	286.4	276.2	250.7	184.3	130.8
5°	598.9	553.6	467.9	401.1	348.0	309.9	286.5	277.7	253.4	186.1	132.3
2.5°	600.4	555.0	470.5	402.9	348.3	308.5	286.2	278.9	254.8	187.1	133.3
0°	600.4	553.1	470.8	403.0	347.5	306.4	285.8	279.6	255.0	187.1	133.6
-2.5°	600.4	555.0	470.5	402.9	348.3	308.5	286.2	278.9	254.8	187.1	133.3
-5°	598.9	553.6	467.9	401.1	348.0	309.9	286.5	277.7	253.4	186.1	132.3
-7.5°	588.8	540.0	457.5	395.8	346.8	310.5	286.4	276.2	250.7	184.3	130.8
-10°	574.3	516.9	435.7	375.4	331.2	302.2	284.3	274.4	246.9	181.7	128.8
-12.5°	556.7	489.7	411.2	353.2	312.1	285.6	270.3	263.8	240.5	178.1	126.5
-15°	535.6	458.1	383.7	329.2	292.1	268.5	256.0	248.9	223.8	170.9	123.8
-17.5°	510.7	421.9	353.2	303.5	271.1	250.9	241.1	233.7	207.1	159.9	118.7
-20°	473.5	388.1	320.6	276.0	249.3	232.8	225.7	218.2	190.6	148.6	111.6



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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°	432.5	357.9	297.3	250.9	227.8	214.4	209.8	202.5	174.6	137.2	104.2
-25°	390.3	326.1	274.7	235.7	207.8	197.2	192.8	186.4	159.2	125.6	96.7
-27.5°	352.0	294.9	251.3	219.7	196.2	179.3	175.1	167.5	144.6	114.1	89.0
-30°	314.4	268.5	231.8	203.8	183.7	168.8	157.1	150.0	130.5	103.9	81.2
-32.5°	283.9	241.6	212.8	189.6	171.8	158.1	143.6	134.1	116.8	94.4	74.0
-35°	261.2	221.5	193.4	174.6	159.8	146.4	132.8	119.9	103.6	85.0	67.1
-37.5°	237.7	205.5	176.5	159.7	147.2	134.0	121.8	108.7	90.9	75.7	60.2
-40°	219.5	190.2	164.5	145.5	133.4	121.2	110.6	97.1	79.9	66.6	53.4
-42.5°	200.8	176.8	153.7	132.3	118.9	108.7	99.1	85.8	71.2	58.5	46.8
-45°	186.0	163.6	142.8	121.3	104.0	96.0	87.3	75.2	62.8	51.1	40.8
-47.5°	171.1	151.0	130.5	109.6	91.0	83.5	76.1	66.3	54.6	44.1	35.5
-50°	156.5	137.1	117.0	98.6	81.4	72.5	65.8	57.6	48.1	38.1	30.4
-52.5°	138.9	121.8	104.1	87.6	73.2	62.2	57.0	49.3	41.6	33.0	25.4
-55°	120.2	107.3	91.5	77.3	64.8	54.3	48.6	42.5	35.2	28.2	20.8
-57.5°	103.6	92.7	79.4	67.0	56.9	47.6	41.2	35.8	29.8	23.4	17.8
-60°	88.3	78.6	67.0	58.0	49.4	41.1	34.4	29.6	24.6	19.0	14.9
-62.5°	75.6	65.9	57.6	49.7	42.0	34.7	28.0	24.2	19.4	15.8	12.1
-65°	64.3	56.3	48.6	41.5	34.7	28.3	22.7	18.8	15.7	12.7	9.6
-67.5°	53.5	45.7	39.3	33.2	27.6	22.4	17.4	14.7	12.4	9.6	7.9
-70°	39.4	33.8	30.0	25.5	20.8	16.6	13.5	11.2	9.1	7.8	6.2
-72.5°	27.1	24.3	21.4	18.0	15.0	12.3	9.8	8.1	7.2	6.0	4.5
-75°	17.5	16.1	14.4	12.4	10.1	8.1	7.2	6.3	5.4	4.3	4.1
-77.5°	11.4	10.1	8.5	7.6	6.9	6.1	5.3	4.5	4.1	4.1	4.1
-80°	6.9	6.4	5.9	5.3	4.7	4.1	4.0	4.1	4.1	4.1	4.1
-82.5°	4.2	4.0	3.7	3.5	3.5	3.6	3.8	4.1	4.1	4.1	3.7
-85°	2.8	2.7	2.5	2.4	2.7	3.1	3.3	3.5	3.1	2.8	2.5
-87.5°	1.4	1.3	1.3	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.2
-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	4.1	4.1	3.5	2.7	1.8	0.9	0.0
75°	4.1	4.1	4.1	3.2	2.1	1.1	0.0
72.5°	4.1	4.1	4.1	3.7	2.5	1.2	0.0
70°	4.3	4.1	4.1	4.1	2.8	1.4	0.0
67.5°	5.9	4.1	4.1	4.1	3.1	1.6	0.0
65°	7.4	4.8	4.1	4.1	3.5	1.7	0.0
62.5°	9.0	6.2	4.1	4.1	3.8	1.9	0.0
60°	10.5	7.5	4.1	4.1	4.1	2.0	0.0
57.5°	13.2	8.9	5.2	4.1	4.1	2.2	0.0
55°	16.0	10.2	6.3	4.1	4.2	2.4	0.0
52.5°	18.9	11.7	7.4	4.1	4.2	2.5	0.0
50°	21.9	14.3	8.4	4.1	4.2	2.6	0.0
47.5°	25.1	16.9	9.5	4.3	4.3	2.8	0.0
45°	29.7	19.5	10.5	5.1	4.4	2.9	0.0
42.5°	34.4	22.1	11.5	5.8	4.4	3.0	0.0
40°	39.1	24.7	13.0	6.6	4.5	3.1	0.0
37.5°	43.8	27.3	15.0	7.2	4.6	3.3	0.0
35°	48.6	30.7	17.0	7.9	4.7	3.4	0.0
32.5°	53.7	34.5	18.9	8.4	4.8	3.5	0.0
30°	59.3	38.2	20.8	8.9	4.9	3.6	0.0
27.5°	64.9	41.8	22.0	9.3	5.0	3.6	0.0
25°	70.3	45.3	22.9	9.7	5.1	3.7	0.0
22.5°	75.7	48.1	23.7	10.0	5.2	3.8	0.0
20°	80.9	49.1	24.2	10.2	5.3	3.9	0.0
17.5°	83.6	49.8	24.6	10.4	5.4	3.9	0.0
15°	84.6	50.0	24.7	10.5	5.5	4.0	0.0
12.5°	85.2	50.0	24.7	10.6	5.7	4.0	0.0
10°	85.5	49.6	24.6	10.6	5.8	4.0	0.0
7.5°	85.3	48.9	24.3	10.6	5.9	4.1	0.0
5°	84.7	47.9	23.8	10.5	6.0	4.1	0.0
2.5°	83.6	46.7	23.3	10.4	6.1	4.1	0.0
0°	82.2	45.2	22.6	10.3	6.2	4.1	0.0
-2.5°	83.6	46.7	23.3	10.4	6.1	4.1	0.0
-5°	84.7	47.9	23.8	10.5	6.0	4.1	0.0
-7.5°	85.3	48.9	24.3	10.6	5.9	4.1	0.0
-10°	85.5	49.6	24.6	10.6	5.8	4.0	0.0
-12.5°	85.2	50.0	24.7	10.6	5.7	4.0	0.0
-15°	84.6	50.0	24.7	10.5	5.5	4.0	0.0
-17.5°	83.6	49.8	24.6	10.4	5.4	3.9	0.0
-20°	80.9	49.1	24.2	10.2	5.3	3.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.7	48.1	23.7	10.0	5.2	3.8	0.0
-25°	70.3	45.3	22.9	9.7	5.1	3.7	0.0
-27.5°	64.9	41.8	22.0	9.3	5.0	3.6	0.0
-30°	59.3	38.2	20.8	8.9	4.9	3.6	0.0
-32.5°	53.7	34.5	18.9	8.4	4.8	3.5	0.0
-35°	48.6	30.7	17.0	7.9	4.7	3.4	0.0
-37.5°	43.8	27.3	15.0	7.2	4.6	3.3	0.0
-40°	39.1	24.7	13.0	6.6	4.5	3.1	0.0
-42.5°	34.4	22.1	11.5	5.8	4.4	3.0	0.0
-45°	29.7	19.5	10.5	5.1	4.4	2.9	0.0
-47.5°	25.1	16.9	9.5	4.3	4.3	2.8	0.0
-50°	21.9	14.3	8.4	4.1	4.2	2.6	0.0
-52.5°	18.9	11.7	7.4	4.1	4.2	2.5	0.0
-55°	16.0	10.2	6.3	4.1	4.2	2.4	0.0
-57.5°	13.2	8.9	5.2	4.1	4.1	2.2	0.0
-60°	10.5	7.5	4.1	4.1	4.1	2.0	0.0
-62.5°	9.0	6.2	4.1	4.1	3.8	1.9	0.0
-65°	7.4	4.8	4.1	4.1	3.5	1.7	0.0
-67.5°	5.9	4.1	4.1	4.1	3.1	1.6	0.0
-70°	4.3	4.1	4.1	4.1	2.8	1.4	0.0
-72.5°	4.1	4.1	4.1	3.7	2.5	1.2	0.0
-75°	4.1	4.1	4.1	3.2	2.1	1.1	0.0
-77.5°	4.1	4.1	3.5	2.7	1.8	0.9	0.0
-80°	4.1	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	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)