

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: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558937 (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-SA4C-940-U-TSB-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

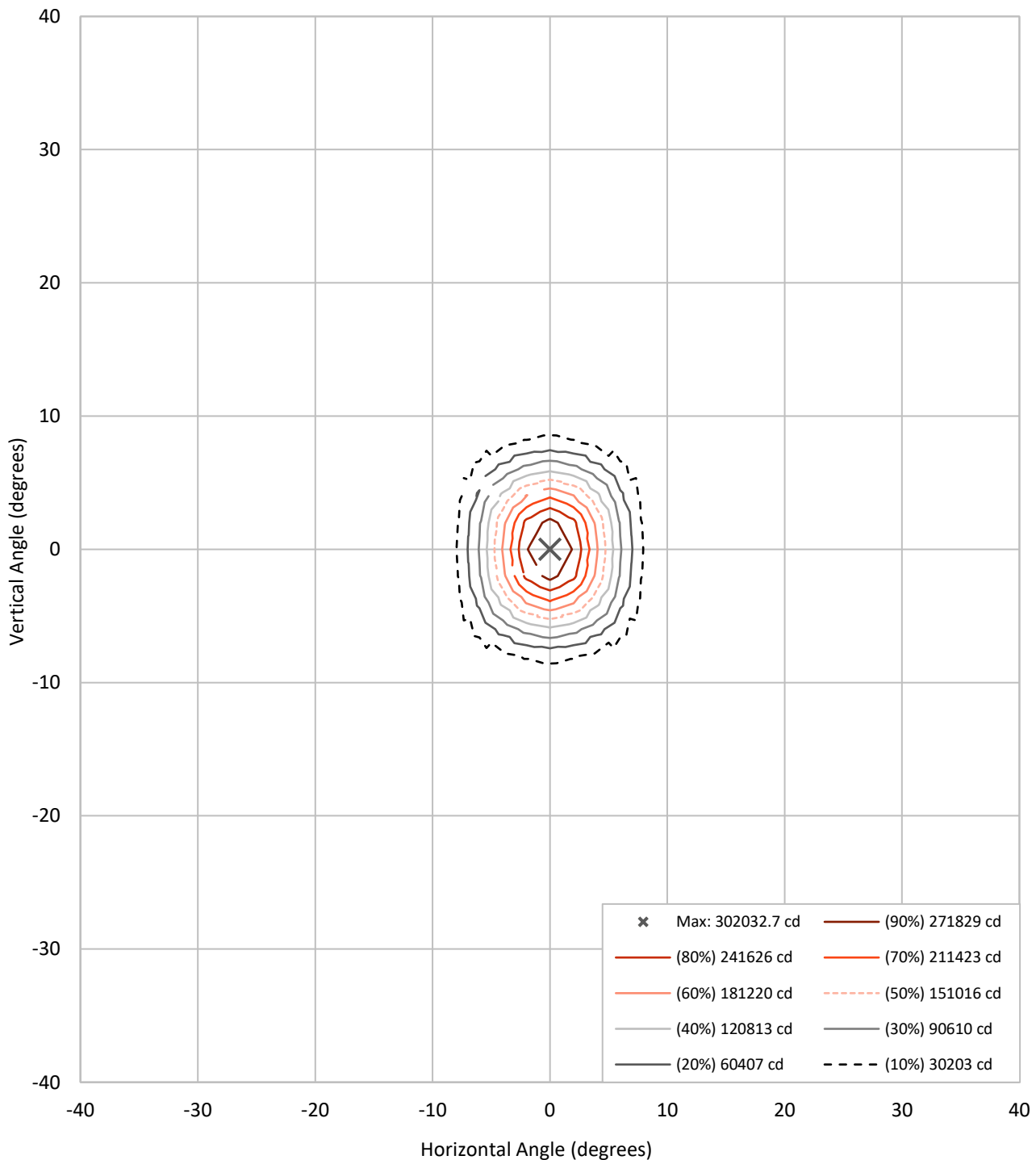
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11761.8 lumens	Max Intensity:	302032.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	71.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5041.3 lumens	Field Lumens:	8688.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 164  
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





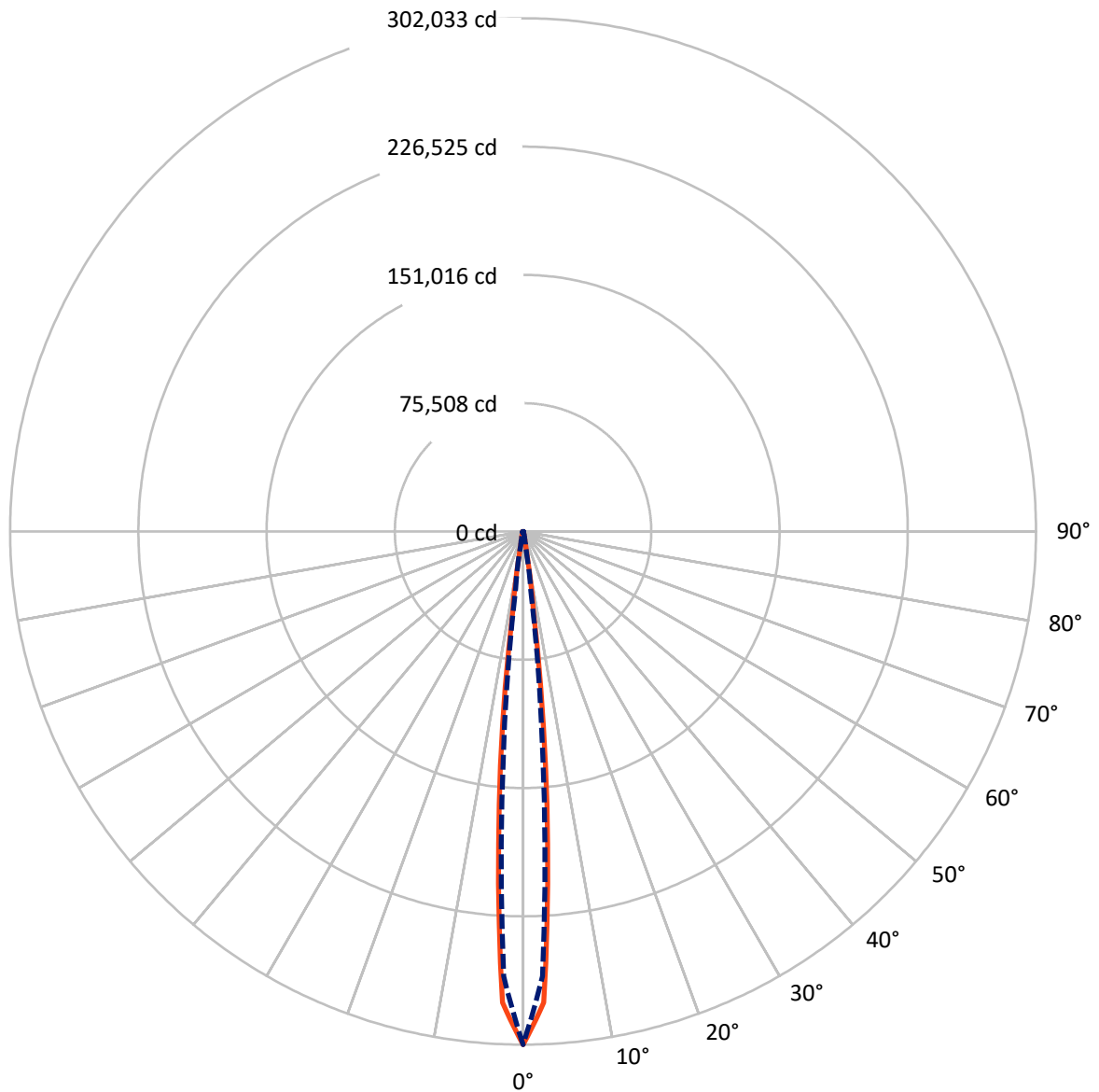
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### Lumen Table

90	0.1	0.3		1.2		2.8		4.9		2.8		1.2		0.3		0.1			
80	0.1	0.3		1.2		2.8		4.9		2.8		1.2		0.3		0.1			
70	0.2	0.2	0.6	1.3	2.0	2.6	4.1	7.3	7.3	4.1	2.6	2.0	1.3	0.6	0.2	0.2			
60		0.5	1.2	2.4	3.8	5.2	7.0	9.5	9.5	7.0	5.2	3.8	2.4	1.2	0.5				
50	0.6	0.8	1.8	3.8	6.6	10.0	12.8	15.3	15.3	12.8	10.0	6.6	3.8	1.8	0.8	0.6			
40		1.3	2.6	5.7	10.3	13.9	15.8	16.7	16.7	15.8	13.9	10.3	5.7	2.6	1.3				
30	1.2	1.9	3.6	8.1	12.7	15.1	20.6	27.1	27.1	20.6	15.1	12.7	8.1	3.6	1.9	1.2			
20		2.6	5.0	10.2	14.0	19.9	40.4	80.8	80.8	40.4	19.9	14.0	10.2	5.0	2.6				
10	1.4	2.9	6.0	11.4	14.6	25.6	79.9	2363.1	2363.1	79.9	25.6	14.6	11.4	6.0	2.9	1.4			
0		2.9	6.0	11.4	14.6	25.6	79.9	2363.1	2363.1	79.9	25.6	14.6	11.4	6.0	2.9				
-10	1.2	2.6	5.0	10.2	14.0	19.9	40.4	80.8	80.8	40.4	19.9	14.0	10.2	5.0	2.6	1.2			
-20		1.9	3.6	8.1	12.7	15.1	20.6	27.1	27.1	20.6	15.1	12.7	8.1	3.6	1.9				
-30	0.6	1.3	2.6	5.7	10.3	13.9	15.8	16.7	16.7	15.8	13.9	10.3	5.7	2.6	1.3	0.6			
-40		0.8	1.8	3.8	6.6	10.0	12.8	15.3	15.3	12.8	10.0	6.6	3.8	1.8	0.8				
-50	0.2	0.5	1.2	2.4	3.8	5.2	7.0	9.5	9.5	7.0	5.2	3.8	2.4	1.2	0.5	0.2			
-60		0.2	0.6	1.3	2.0	2.6	4.1	7.3	7.3	4.1	2.6	2.0	1.3	0.6	0.2				
-70	0.1	0.3		1.2		2.8		4.9		2.8		1.2		0.3		0.1			
-80		0.3		1.2		2.8		4.9		2.8		1.2		0.3					
-90	0.1	0.3		1.2		2.8		4.9		2.8		1.2		0.3		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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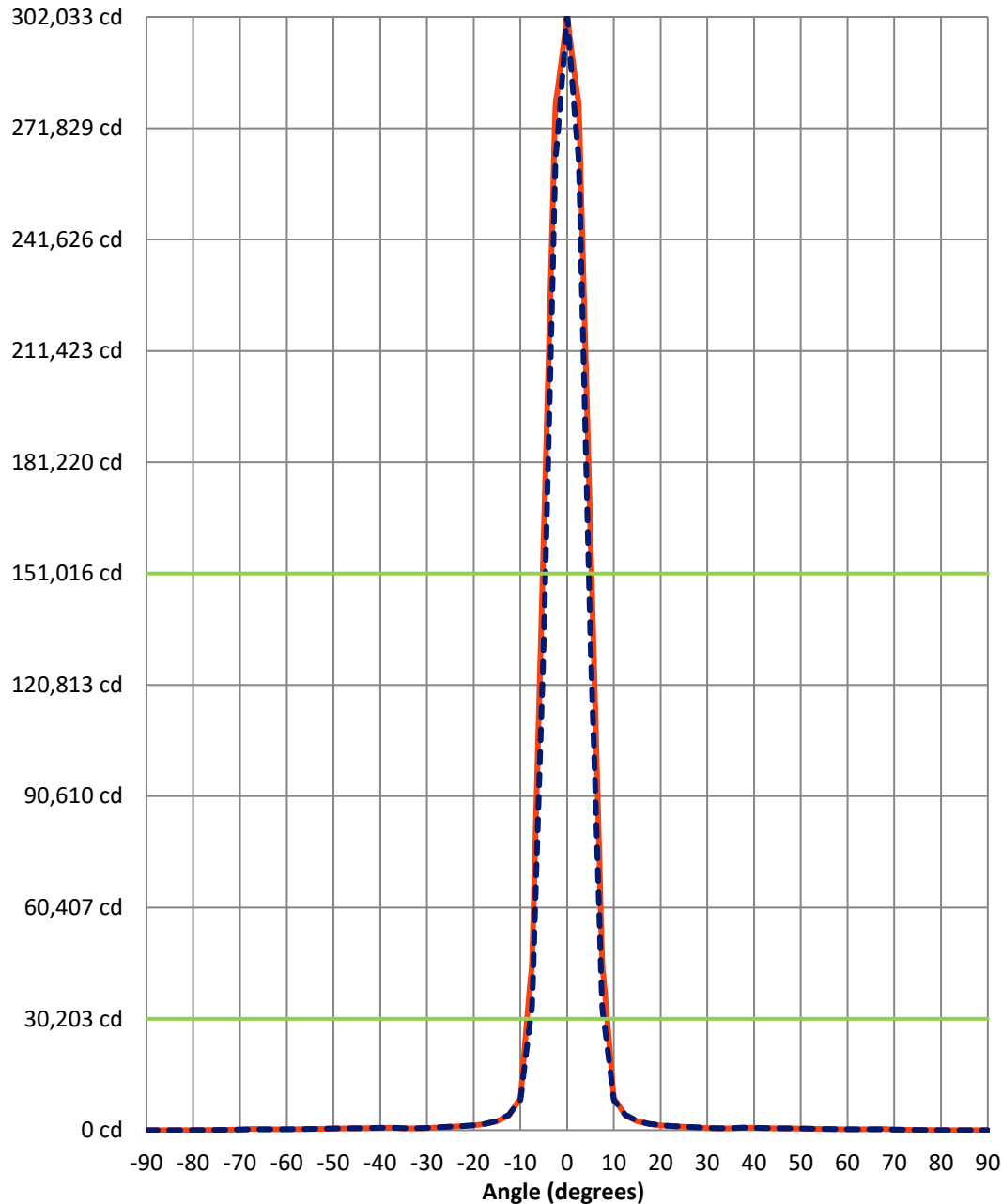
### Luminous Intensity Polar Plot



— 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: 5041.3  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 8688.6  
Efficiency: 73.9%

**Spill:**  
Lumens: 3073.1  
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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.8
75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.3
72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	6.0	6.8
70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.2	6.5	7.6	9.4
67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.9	6.6	8.1	10.4	12.3
65°	0.0	1.4	2.9	3.4	3.4	4.0	6.2	8.0	10.6	13.1	15.7
62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.5	10.1	13.2	16.2	20.2
60°	0.0	1.7	3.4	3.4	3.4	6.3	8.8	12.5	15.8	20.5	24.8
57.5°	0.0	1.8	3.4	3.4	4.3	7.4	11.0	14.9	19.5	24.9	30.0
55°	0.0	1.9	3.4	3.4	5.2	8.5	13.4	17.4	23.6	29.5	35.5
52.5°	0.0	2.1	3.5	3.4	6.1	9.8	15.8	21.2	27.6	34.8	41.2
50°	0.0	2.2	3.5	3.4	7.0	12.0	18.3	25.4	31.9	40.2	48.1
47.5°	0.0	2.3	3.6	3.6	7.9	14.1	21.0	29.6	36.8	45.6	55.3
45°	0.0	2.4	3.6	4.2	8.8	16.3	24.8	34.0	42.7	52.4	62.8
42.5°	0.0	2.5	3.7	4.8	9.6	18.5	28.7	39.1	48.8	59.4	71.7
40°	0.0	2.6	3.7	5.5	10.9	20.7	32.7	44.6	55.6	66.7	81.1
37.5°	0.0	2.7	3.8	6.0	12.6	22.9	36.6	50.3	63.3	75.9	90.8
35°	0.0	2.8	3.9	6.6	14.2	25.7	40.6	56.0	71.0	86.6	100.2
32.5°	0.0	2.9	4.0	7.0	15.8	28.8	44.9	61.8	78.9	97.6	112.0
30°	0.0	2.9	4.1	7.4	17.4	31.9	49.5	67.9	86.8	109.1	125.3
27.5°	0.0	3.0	4.1	7.8	18.4	35.0	54.2	74.4	95.4	120.8	140.0
25°	0.0	3.1	4.2	8.1	19.2	37.9	58.7	80.8	105.0	133.0	155.8
22.5°	0.0	3.1	4.3	8.3	19.8	40.2	63.2	87.1	114.6	145.9	169.2
20°	0.0	3.2	4.4	8.5	20.3	41.1	67.6	93.2	124.2	159.3	182.4
17.5°	0.0	3.2	4.5	8.7	20.6	41.6	69.9	99.2	133.6	173.1	195.4
15°	0.0	3.3	4.6	8.8	20.7	41.8	70.7	103.5	142.8	187.0	208.1
12.5°	0.0	3.3	4.7	8.8	20.7	41.8	71.2	105.7	148.8	201.0	220.5
10°	0.0	3.3	4.8	8.8	20.6	41.5	71.4	107.7	151.8	206.3	229.3
7.5°	0.0	3.4	4.9	8.8	20.3	40.9	71.2	109.3	154.1	209.6	230.9
5°	0.0	3.4	5.0	8.8	19.9	40.1	70.7	110.6	155.6	211.8	232.1
2.5°	0.0	3.4	5.1	8.7	19.5	39.0	69.9	111.4	156.4	212.9	233.1
0°	0.0	3.4	5.2	8.6	18.9	37.8	68.7	111.7	156.4	213.1	233.7
-2.5°	0.0	3.4	5.1	8.7	19.5	39.0	69.9	111.4	156.4	212.9	233.1
-5°	0.0	3.4	5.0	8.8	19.9	40.1	70.7	110.6	155.6	211.8	232.1
-7.5°	0.0	3.4	4.9	8.8	20.3	40.9	71.2	109.3	154.1	209.6	230.9
-10°	0.0	3.3	4.8	8.8	20.6	41.5	71.4	107.7	151.8	206.3	229.3
-12.5°	0.0	3.3	4.7	8.8	20.7	41.8	71.2	105.7	148.8	201.0	220.5
-15°	0.0	3.3	4.6	8.8	20.7	41.8	70.7	103.5	142.8	187.0	208.1
-17.5°	0.0	3.2	4.5	8.7	20.6	41.6	69.9	99.2	133.6	173.1	195.4
-20°	0.0	3.2	4.4	8.5	20.3	41.1	67.6	93.2	124.2	159.3	182.4



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 CATALOG NUMBER: GFLD-SA4C-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	3.1	4.3	8.3	19.8	40.2	63.2	87.1	114.6	145.9	169.2
-25°	0.0	3.1	4.2	8.1	19.2	37.9	58.7	80.8	105.0	133.0	155.8
-27.5°	0.0	3.0	4.1	7.8	18.4	35.0	54.2	74.4	95.4	120.8	140.0
-30°	0.0	2.9	4.1	7.4	17.4	31.9	49.5	67.9	86.8	109.1	125.3
-32.5°	0.0	2.9	4.0	7.0	15.8	28.8	44.9	61.8	78.9	97.6	112.0
-35°	0.0	2.8	3.9	6.6	14.2	25.7	40.6	56.0	71.0	86.6	100.2
-37.5°	0.0	2.7	3.8	6.0	12.6	22.9	36.6	50.3	63.3	75.9	90.8
-40°	0.0	2.6	3.7	5.5	10.9	20.7	32.7	44.6	55.6	66.7	81.1
-42.5°	0.0	2.5	3.7	4.8	9.6	18.5	28.7	39.1	48.8	59.4	71.7
-45°	0.0	2.4	3.6	4.2	8.8	16.3	24.8	34.0	42.7	52.4	62.8
-47.5°	0.0	2.3	3.6	3.6	7.9	14.1	21.0	29.6	36.8	45.6	55.3
-50°	0.0	2.2	3.5	3.4	7.0	12.0	18.3	25.4	31.9	40.2	48.1
-52.5°	0.0	2.1	3.5	3.4	6.1	9.8	15.8	21.2	27.6	34.8	41.2
-55°	0.0	1.9	3.4	3.4	5.2	8.5	13.4	17.4	23.6	29.5	35.5
-57.5°	0.0	1.8	3.4	3.4	4.3	7.4	11.0	14.9	19.5	24.9	30.0
-60°	0.0	1.7	3.4	3.4	3.4	6.3	8.8	12.5	15.8	20.5	24.8
-62.5°	0.0	1.6	3.1	3.4	3.4	5.1	7.5	10.1	13.2	16.2	20.2
-65°	0.0	1.4	2.9	3.4	3.4	4.0	6.2	8.0	10.6	13.1	15.7
-67.5°	0.0	1.3	2.6	3.4	3.4	3.4	4.9	6.6	8.1	10.4	12.3
-70°	0.0	1.2	2.3	3.4	3.4	3.4	3.6	5.2	6.5	7.6	9.4
-72.5°	0.0	1.0	2.0	3.1	3.4	3.4	3.4	3.8	5.0	6.0	6.8
-75°	0.0	0.9	1.8	2.6	3.4	3.4	3.4	3.4	3.5	4.5	5.3
-77.5°	0.0	0.7	1.5	2.2	2.9	3.4	3.4	3.4	3.4	3.4	3.8
-80°	0.0	0.6	1.2	1.8	2.3	2.9	3.4	3.4	3.4	3.4	3.4
-82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.4	3.4	3.4
-85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
80°	3.3	3.4	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.3	8.3
77.5°	4.4	5.1	5.7	6.4	7.1	8.5	9.6	10.5	11.7	13.1	14.6
75°	6.0	6.8	8.5	10.4	12.1	13.4	14.7	16.5	18.8	21.3	23.8
72.5°	8.3	10.3	12.6	15.0	17.9	20.4	22.7	25.0	28.6	32.7	35.7
70°	11.3	13.9	17.4	21.4	25.0	28.3	32.9	38.5	44.2	47.0	48.7
67.5°	14.6	18.7	23.1	27.7	32.9	38.2	44.7	50.8	56.5	58.9	61.0
65°	19.0	23.7	29.0	34.7	40.6	47.1	53.7	60.5	66.5	69.6	73.1
62.5°	23.5	29.0	35.1	41.6	48.1	55.1	63.2	70.0	75.1	81.3	88.6
60°	28.8	34.3	41.3	48.4	56.0	65.7	73.8	81.3	88.3	95.4	106.2
57.5°	34.4	39.8	47.5	56.0	66.4	77.4	86.6	94.7	104.4	114.4	125.4
55°	40.6	45.4	54.2	64.6	76.5	89.6	100.4	111.6	122.7	131.7	141.4
52.5°	47.6	52.0	61.2	73.2	87.0	101.8	116.1	127.8	138.1	147.9	159.0
50°	55.0	60.6	68.0	82.4	97.8	114.5	130.8	142.5	154.2	165.8	178.3
47.5°	63.5	69.8	76.1	91.6	109.0	126.2	143.0	158.0	170.9	186.4	200.7
45°	72.9	80.2	86.9	101.4	119.3	136.8	155.4	173.4	191.6	209.9	232.8
42.5°	82.8	90.8	99.4	110.6	128.5	147.8	167.7	191.8	214.9	240.3	270.0
40°	92.4	101.3	111.5	121.6	137.5	159.0	183.4	210.3	242.9	275.8	311.7
37.5°	101.8	112.0	123.0	133.5	147.5	171.7	198.7	233.0	272.2	313.8	359.6
35°	111.0	122.3	133.6	145.9	161.6	185.1	218.3	257.3	304.3	356.9	398.8
32.5°	120.0	132.2	143.6	158.5	177.9	202.0	237.3	286.3	340.7	394.0	422.0
30°	131.3	141.1	153.5	170.3	193.7	224.4	262.7	315.6	377.4	413.8	439.9
27.5°	146.4	149.9	163.9	183.6	210.0	246.4	294.2	349.1	400.2	432.2	455.5
25°	161.2	164.8	173.7	197.0	229.6	272.5	326.2	388.8	419.1	446.1	473.2
22.5°	175.4	179.2	190.3	209.6	248.5	299.1	361.5	416.3	445.2	462.4	491.7
20°	188.7	194.6	208.3	230.7	267.9	324.3	395.7	441.8	469.3	489.9	516.9
17.5°	201.5	209.6	226.6	253.6	295.2	352.6	426.8	467.2	494.0	513.9	547.3
15°	213.9	224.3	244.1	275.1	320.7	382.8	447.6	488.0	516.8	536.4	575.4
12.5°	225.9	238.6	260.8	295.2	343.6	409.2	465.2	501.4	530.2	560.1	600.5
10°	237.6	252.5	276.7	313.7	364.2	432.0	479.9	512.2	541.0	579.1	621.2
7.5°	239.3	259.5	289.8	330.8	382.4	451.3	492.0	520.6	551.8	596.5	639.9
5°	239.4	259.0	290.8	335.2	391.0	462.6	500.5	527.0	562.3	611.9	656.6
2.5°	239.2	257.8	291.0	336.7	393.2	463.8	501.7	528.6	568.4	627.1	672.0
0°	238.8	256.0	290.4	336.8	393.5	462.2	501.7	529.2	572.2	640.9	685.6
-2.5°	239.2	257.8	291.0	336.7	393.2	463.8	501.7	528.6	568.4	627.1	672.0
-5°	239.4	259.0	290.8	335.2	391.0	462.6	500.5	527.0	562.3	611.9	656.6
-7.5°	239.3	259.5	289.8	330.8	382.4	451.3	492.0	520.6	551.8	596.5	639.9
-10°	237.6	252.5	276.7	313.7	364.2	432.0	479.9	512.2	541.0	579.1	621.2
-12.5°	225.9	238.6	260.8	295.2	343.6	409.2	465.2	501.4	530.2	560.1	600.5
-15°	213.9	224.3	244.1	275.1	320.7	382.8	447.6	488.0	516.8	536.4	575.4
-17.5°	201.5	209.6	226.6	253.6	295.2	352.6	426.8	467.2	494.0	513.9	547.3
-20°	188.7	194.6	208.3	230.7	267.9	324.3	395.7	441.8	469.3	489.9	516.9



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	175.4	179.2	190.3	209.6	248.5	299.1	361.5	416.3	445.2	462.4	491.7
-25°	161.2	164.8	173.7	197.0	229.6	272.5	326.2	388.8	419.1	446.1	473.2
-27.5°	146.4	149.9	163.9	183.6	210.0	246.4	294.2	349.1	400.2	432.2	455.5
-30°	131.3	141.1	153.5	170.3	193.7	224.4	262.7	315.6	377.4	413.8	439.9
-32.5°	120.0	132.2	143.6	158.5	177.9	202.0	237.3	286.3	340.7	394.0	422.0
-35°	111.0	122.3	133.6	145.9	161.6	185.1	218.3	257.3	304.3	356.9	398.8
-37.5°	101.8	112.0	123.0	133.5	147.5	171.7	198.7	233.0	272.2	313.8	359.6
-40°	92.4	101.3	111.5	121.6	137.5	159.0	183.4	210.3	242.9	275.8	311.7
-42.5°	82.8	90.8	99.4	110.6	128.5	147.8	167.7	191.8	214.9	240.3	270.0
-45°	72.9	80.2	86.9	101.4	119.3	136.8	155.4	173.4	191.6	209.9	232.8
-47.5°	63.5	69.8	76.1	91.6	109.0	126.2	143.0	158.0	170.9	186.4	200.7
-50°	55.0	60.6	68.0	82.4	97.8	114.5	130.8	142.5	154.2	165.8	178.3
-52.5°	47.6	52.0	61.2	73.2	87.0	101.8	116.1	127.8	138.1	147.9	159.0
-55°	40.6	45.4	54.2	64.6	76.5	89.6	100.4	111.6	122.7	131.7	141.4
-57.5°	34.4	39.8	47.5	56.0	66.4	77.4	86.6	94.7	104.4	114.4	125.4
-60°	28.8	34.3	41.3	48.4	56.0	65.7	73.8	81.3	88.3	95.4	106.2
-62.5°	23.5	29.0	35.1	41.6	48.1	55.1	63.2	70.0	75.1	81.3	88.6
-65°	19.0	23.7	29.0	34.7	40.6	47.1	53.7	60.5	66.5	69.6	73.1
-67.5°	14.6	18.7	23.1	27.7	32.9	38.2	44.7	50.8	56.5	58.9	61.0
-70°	11.3	13.9	17.4	21.4	25.0	28.3	32.9	38.5	44.2	47.0	48.7
-72.5°	8.3	10.3	12.6	15.0	17.9	20.4	22.7	25.0	28.6	32.7	35.7
-75°	6.0	6.8	8.5	10.4	12.1	13.4	14.7	16.5	18.8	21.3	23.8
-77.5°	4.4	5.1	5.7	6.4	7.1	8.5	9.6	10.5	11.7	13.1	14.6
-80°	3.3	3.4	3.9	4.4	4.9	5.4	5.8	6.3	6.7	7.3	8.3
-82.5°	3.2	3.0	2.9	2.9	3.1	3.3	3.5	3.8	4.1	4.4	4.7
-85°	2.8	2.6	2.2	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
-87.5°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	1.2	1.3	1.3	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
82.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.4	6.5	6.6	6.7
80°	9.2	9.9	10.5	10.9	11.2	12.4	13.9	15.5	17.1	17.8	18.2
77.5°	16.4	17.6	18.3	18.9	19.3	22.0	25.4	29.0	32.7	34.7	36.3
75°	26.1	27.5	28.4	29.1	29.5	33.6	39.7	46.1	52.7	56.2	58.7
72.5°	37.7	38.9	39.8	40.6	41.2	47.2	58.2	70.2	82.9	90.7	96.3
70°	50.2	51.6	52.7	53.6	54.3	61.6	77.6	94.3	111.5	128.8	147.2
67.5°	63.5	66.4	67.9	68.8	69.7	75.9	92.9	108.6	123.1	154.3	203.5
65°	78.0	84.7	87.4	89.0	89.6	92.4	107.0	120.1	131.9	156.2	193.7
62.5°	96.5	105.3	109.3	111.0	112.1	112.3	124.2	135.2	145.3	160.5	184.3
60°	116.4	125.8	130.8	132.2	133.0	133.4	142.9	153.8	163.8	176.2	198.5
57.5°	134.6	143.5	150.8	153.7	156.0	157.6	166.0	178.7	190.7	203.1	227.0
55°	152.0	162.8	173.0	178.6	183.8	188.4	196.6	212.8	228.2	242.7	267.5
52.5°	171.0	184.7	198.3	208.5	218.5	227.2	236.0	256.9	277.4	296.8	320.9
50°	193.6	210.6	230.4	247.1	261.4	275.5	288.1	312.8	340.6	367.0	392.4
47.5°	222.3	244.7	270.0	293.8	313.2	335.0	354.8	380.2	404.8	429.3	450.3
45°	257.6	288.6	317.7	349.3	377.0	391.4	402.9	418.7	444.0	468.1	487.7
42.5°	302.7	338.8	374.7	398.1	415.9	427.6	436.0	444.3	470.8	494.0	513.0
40°	352.9	389.1	411.2	430.4	442.7	453.2	466.3	479.2	500.0	523.8	544.9
37.5°	396.4	419.6	439.0	454.1	469.0	482.9	501.8	520.4	540.2	566.9	586.5
35°	423.1	443.5	463.3	482.2	501.3	522.7	546.2	573.6	597.8	625.7	653.9
32.5°	443.6	464.5	488.4	517.6	543.9	573.0	602.6	635.1	666.4	701.4	738.3
30°	461.3	485.6	518.5	556.7	593.2	630.1	667.2	707.5	751.0	798.6	849.3
27.5°	480.4	510.7	550.7	597.6	648.8	700.7	752.9	807.4	865.2	926.5	991.4
25°	502.9	539.5	589.1	647.4	706.6	766.4	827.7	891.4	958.6	1029.4	1103.9
22.5°	530.0	576.6	633.2	691.7	751.6	812.9	875.6	940.7	1009.2	1081.2	1156.8
20°	557.6	611.4	670.7	731.5	793.7	857.4	922.6	990.2	1060.2	1133.6	1210.6
17.5°	590.6	651.7	712.2	775.6	840.9	907.4	975.0	1044.7	1117.4	1193.2	1272.1
15°	619.6	683.4	747.3	814.1	883.9	955.8	1029.8	1106.9	1187.0	1270.1	1356.2
12.5°	603.0	671.9	739.4	809.0	881.0	955.3	1031.0	1108.9	1189.8	1273.7	1360.6
10°	578.4	652.5	725.3	799.5	876.6	956.7	1038.8	1122.9	1209.0	1297.1	1388.2
7.5°	559.4	638.8	715.9	794.3	875.1	958.2	1043.5	1130.9	1220.4	1311.9	1406.4
5°	545.0	630.7	711.8	793.5	877.7	964.2	1052.9	1143.0	1235.4	1329.1	1425.0
2.5°	538.7	627.9	712.8	798.7	886.5	976.4	1067.4	1159.5	1253.7	1349.1	1446.6
0°	543.0	522.3	611.7	790.4	960.5	1092.8	1331.6	1735.4	2505.1	4157.2	8219.9
-2.5°	538.7	627.9	712.8	798.7	886.5	976.4	1067.4	1159.5	1253.7	1349.1	1446.6
-5°	545.0	630.7	711.8	793.5	877.7	964.2	1052.9	1143.0	1235.4	1329.1	1425.0
-7.5°	559.4	638.8	715.9	794.3	875.1	958.2	1043.5	1130.9	1220.4	1311.9	1406.4
-10°	578.4	652.5	725.3	799.5	876.6	956.7	1038.8	1122.9	1209.0	1297.1	1388.2
-12.5°	603.0	671.9	739.4	809.0	881.0	955.3	1031.0	1108.9	1189.8	1273.7	1360.6
-15°	619.6	683.4	747.3	814.1	883.9	955.8	1029.8	1106.9	1187.0	1270.1	1356.2
-17.5°	590.6	651.7	712.2	775.6	840.9	907.4	975.0	1044.7	1117.4	1193.2	1272.1
-20°	557.6	611.4	670.7	731.5	793.7	857.4	922.6	990.2	1060.2	1133.6	1210.6



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	530.0	576.6	583.2	501.7	510.6	554.1	621.7	730.5	833.6	929.1	1000.3
-25°	502.9	539.5	589.1	567.4	501.6	508.4	541.7	591.9	676.7	755.8	824.9
-27.5°	480.4	510.7	550.7	597.6	568.8	497.0	500.7	513.9	558.4	596.1	653.4
-30°	461.3	485.6	518.5	556.7	593.2	580.1	515.2	492.5	499.3	512.6	538.3
-32.5°	443.6	464.5	488.4	517.6	543.9	573.0	602.6	555.1	506.4	487.4	491.3
-35°	423.1	443.5	463.3	482.2	501.3	522.7	546.2	573.6	597.8	575.7	543.9
-37.5°	396.4	419.6	439.0	454.1	469.0	482.9	501.8	520.4	540.2	566.9	586.5
-40°	352.9	389.1	411.2	430.4	442.7	453.2	466.3	479.2	500.0	523.8	544.9
-42.5°	302.7	338.8	374.7	398.1	415.9	427.6	436.0	444.3	470.8	494.0	513.0
-45°	257.6	288.6	317.7	349.3	377.0	391.4	402.9	418.7	444.0	468.1	487.7
-47.5°	222.3	244.7	270.0	293.8	313.2	335.0	354.8	380.2	404.8	429.3	450.3
-50°	193.6	210.6	230.4	247.1	261.4	275.5	288.1	312.8	340.6	367.0	392.4
-52.5°	171.0	184.7	198.3	208.5	218.5	227.2	236.0	256.9	277.4	296.8	320.9
-55°	152.0	162.8	173.0	178.6	183.8	188.4	196.6	212.8	228.2	242.7	267.5
-57.5°	134.6	143.5	150.8	153.7	156.0	157.6	166.0	178.7	190.7	203.1	227.0
-60°	116.4	125.8	130.8	132.2	133.0	133.4	142.9	153.8	163.8	176.2	198.5
-62.5°	96.5	105.3	109.3	111.0	112.1	112.3	124.2	135.2	145.3	160.5	184.3
-65°	78.0	84.7	87.4	89.0	89.6	92.4	107.0	120.1	131.9	156.2	193.7
-67.5°	63.5	66.4	67.9	68.8	69.7	75.9	92.9	108.6	123.1	154.3	203.5
-70°	50.2	51.6	52.7	53.6	54.3	61.6	77.6	94.3	111.5	128.8	147.2
-72.5°	37.7	38.9	39.8	40.6	41.2	47.2	58.2	70.2	82.9	90.7	96.3
-75°	26.1	27.5	28.4	29.1	29.5	33.6	39.7	46.1	52.7	56.2	58.7
-77.5°	16.4	17.6	18.3	18.9	19.3	22.0	25.4	29.0	32.7	34.7	36.3
-80°	9.2	9.9	10.5	10.9	11.2	12.4	13.9	15.5	17.1	17.8	18.2
-82.5°	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.4	6.5	6.6	6.7
-85°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
82.5°	6.8	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.6	6.5	6.4
80°	18.5	18.7	18.0	17.2	18.0	18.7	18.5	18.2	17.8	17.1	15.5
77.5°	37.7	39.1	37.7	36.1	37.7	39.1	37.7	36.3	34.7	32.7	29.0
75°	60.9	62.9	61.8	60.1	61.8	62.9	60.9	58.7	56.2	52.7	46.1
72.5°	101.7	106.6	105.5	103.1	105.5	106.6	101.7	96.3	90.7	82.9	70.2
70°	166.5	186.1	185.2	180.4	185.2	186.1	166.5	147.2	128.8	111.5	94.3
67.5°	256.7	312.1	329.7	338.5	329.7	312.1	256.7	203.5	154.3	123.1	108.6
65°	228.6	262.1	275.3	285.2	275.3	262.1	228.6	193.7	156.2	131.9	120.1
62.5°	205.7	225.5	229.8	230.2	229.8	225.5	205.7	184.3	160.5	145.3	135.2
60°	220.1	241.2	244.3	240.5	244.3	241.2	220.1	198.5	176.2	163.8	153.8
57.5°	250.0	272.1	276.2	271.5	276.2	272.1	250.0	227.0	203.1	190.7	178.7
55°	291.3	313.6	321.0	319.6	321.0	313.6	291.3	267.5	242.7	228.2	212.8
52.5°	344.0	364.6	373.1	372.9	373.1	364.6	344.0	320.9	296.8	277.4	256.9
50°	414.5	432.9	442.0	443.3	442.0	432.9	414.5	392.4	367.0	340.6	312.8
47.5°	465.3	477.4	483.7	484.5	483.7	477.4	465.3	450.3	429.3	404.8	380.2
45°	496.5	503.0	507.9	512.0	507.9	503.0	496.5	487.7	468.1	444.0	418.7
42.5°	525.7	539.2	549.2	551.5	549.2	539.2	525.7	513.0	494.0	470.8	444.3
40°	565.0	583.6	601.5	620.3	601.5	583.6	565.0	544.9	523.8	500.0	479.2
37.5°	606.9	627.6	644.9	654.6	644.9	627.6	606.9	586.5	566.9	540.2	520.4
35°	521.5	507.8	499.7	496.6	499.7	507.8	521.5	543.9	575.7	597.8	573.6
32.5°	493.6	494.5	492.9	489.7	492.9	494.5	493.6	491.3	487.4	506.4	555.1
30°	557.3	566.4	567.5	567.0	567.5	566.4	557.3	538.3	512.6	499.3	492.5
27.5°	695.8	719.0	726.3	740.5	726.3	719.0	695.8	653.4	596.1	558.4	513.9
25°	878.4	913.4	930.2	936.4	930.2	913.4	878.4	824.9	755.8	676.7	591.9
22.5°	1040.7	1067.4	1083.0	1096.2	1083.0	1067.4	1040.7	1000.3	929.1	833.6	730.5
20°	1233.0	1281.8	1304.1	1305.8	1304.1	1281.8	1233.0	1149.7	1078.3	992.8	877.9
17.5°	1533.1	1628.2	1675.6	1689.0	1675.6	1628.2	1533.1	1398.7	1272.9	1125.2	1016.8
15°	2006.7	2249.3	2374.0	2433.0	2374.0	2249.3	2006.7	1744.6	1530.5	1318.8	1122.9
12.5°	2779.3	3326.1	3768.3	3934.7	3768.3	3326.1	2779.3	2302.2	1837.6	1528.4	1269.3
10°	4310.1	5943.0	7850.6	8740.5	7850.6	5943.0	4310.1	3041.0	2309.4	1741.4	1399.5
7.5°	8338.3	19360.0	37522.9	46187.1	37522.9	19360.0	8338.3	4352.6	2794.8	2015.6	1539.0
5°	17773.3	76704.0	137367.3	161349.6	137367.3	76704.0	17773.3	6056.4	3394.4	2284.3	1640.4
2.5°	28309.1	125804.6	237373.1	277558.6	237373.1	125804.6	28309.1	7963.9	3951.5	2454.0	1713.4
0°	33823.7	132574.9	261935.9	302032.7	261935.9	132574.9	33823.7	8219.9	4157.2	2505.1	1735.4
-2.5°	28309.1	125804.6	237373.1	277558.6	237373.1	125804.6	28309.1	7963.9	3951.5	2454.0	1713.4
-5°	17773.3	76704.0	137367.3	161349.6	137367.3	76704.0	17773.3	6056.4	3394.4	2284.3	1640.4
-7.5°	8338.3	19360.0	37522.9	46187.1	37522.9	19360.0	8338.3	4352.6	2794.8	2015.6	1539.0
-10°	4310.1	5943.0	7850.6	8740.5	7850.6	5943.0	4310.1	3041.0	2309.4	1741.4	1399.5
-12.5°	2779.3	3326.1	3768.3	3934.7	3768.3	3326.1	2779.3	2302.2	1837.6	1528.4	1269.3
-15°	2006.7	2249.3	2374.0	2433.0	2374.0	2249.3	2006.7	1744.6	1530.5	1318.8	1122.9
-17.5°	1533.1	1628.2	1675.6	1689.0	1675.6	1628.2	1533.1	1398.7	1272.9	1125.2	1016.8
-20°	1233.0	1281.8	1304.1	1305.8	1304.1	1281.8	1233.0	1149.7	1078.3	992.8	877.9



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1040.7	1067.4	1083.0	1096.2	1083.0	1067.4	1040.7	1000.3	929.1	833.6	730.5
-25°	878.4	913.4	930.2	936.4	930.2	913.4	878.4	824.9	755.8	676.7	591.9
-27.5°	695.8	719.0	726.3	740.5	726.3	719.0	695.8	653.4	596.1	558.4	513.9
-30°	557.3	566.4	567.5	567.0	567.5	566.4	557.3	538.3	512.6	499.3	492.5
-32.5°	493.6	494.5	492.9	489.7	492.9	494.5	493.6	491.3	487.4	506.4	555.1
-35°	521.5	507.8	499.7	496.6	499.7	507.8	521.5	543.9	575.7	597.8	573.6
-37.5°	606.9	627.6	644.9	654.6	644.9	627.6	606.9	586.5	566.9	540.2	520.4
-40°	565.0	583.6	601.5	620.3	601.5	583.6	565.0	544.9	523.8	500.0	479.2
-42.5°	525.7	539.2	549.2	551.5	549.2	539.2	525.7	513.0	494.0	470.8	444.3
-45°	496.5	503.0	507.9	512.0	507.9	503.0	496.5	487.7	468.1	444.0	418.7
-47.5°	465.3	477.4	483.7	484.5	483.7	477.4	465.3	450.3	429.3	404.8	380.2
-50°	414.5	432.9	442.0	443.3	442.0	432.9	414.5	392.4	367.0	340.6	312.8
-52.5°	344.0	364.6	373.1	372.9	373.1	364.6	344.0	320.9	296.8	277.4	256.9
-55°	291.3	313.6	321.0	319.6	321.0	313.6	291.3	267.5	242.7	228.2	212.8
-57.5°	250.0	272.1	276.2	271.5	276.2	272.1	250.0	227.0	203.1	190.7	178.7
-60°	220.1	241.2	244.3	240.5	244.3	241.2	220.1	198.5	176.2	163.8	153.8
-62.5°	205.7	225.5	229.8	230.2	229.8	225.5	205.7	184.3	160.5	145.3	135.2
-65°	228.6	262.1	275.3	285.2	275.3	262.1	228.6	193.7	156.2	131.9	120.1
-67.5°	256.7	312.1	329.7	338.5	329.7	312.1	256.7	203.5	154.3	123.1	108.6
-70°	166.5	186.1	185.2	180.4	185.2	186.1	166.5	147.2	128.8	111.5	94.3
-72.5°	101.7	106.6	105.5	103.1	105.5	106.6	101.7	96.3	90.7	82.9	70.2
-75°	60.9	62.9	61.8	60.1	61.8	62.9	60.9	58.7	56.2	52.7	46.1
-77.5°	37.7	39.1	37.7	36.1	37.7	39.1	37.7	36.3	34.7	32.7	29.0
-80°	18.5	18.7	18.0	17.2	18.0	18.7	18.5	18.2	17.8	17.1	15.5
-82.5°	6.8	6.9	6.9	6.9	6.9	6.9	6.8	6.7	6.6	6.5	6.4
-85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
82.5°	6.3	6.1	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8
80°	13.9	12.4	11.2	10.9	10.5	9.9	9.2	8.3	7.3	6.7	6.3
77.5°	25.4	22.0	19.3	18.9	18.3	17.6	16.4	14.6	13.1	11.7	10.5
75°	39.7	33.6	29.5	29.1	28.4	27.5	26.1	23.8	21.3	18.8	16.5
72.5°	58.2	47.2	41.2	40.6	39.8	38.9	37.7	35.7	32.7	28.6	25.0
70°	77.6	61.6	54.3	53.6	52.7	51.6	50.2	48.7	47.0	44.2	38.5
67.5°	92.9	75.9	69.7	68.8	67.9	66.4	63.5	61.0	58.9	56.5	50.8
65°	107.0	92.4	89.6	89.0	87.4	84.7	78.0	73.1	69.6	66.5	60.5
62.5°	124.2	112.3	112.1	111.0	109.3	105.3	96.5	88.6	81.3	75.1	70.0
60°	142.9	133.4	133.0	132.2	130.8	125.8	116.4	106.2	95.4	88.3	81.3
57.5°	166.0	157.6	156.0	153.7	150.8	143.5	134.6	125.4	114.4	104.4	94.7
55°	196.6	188.4	183.8	178.6	173.0	162.8	152.0	141.4	131.7	122.7	111.6
52.5°	236.0	227.2	218.5	208.5	198.3	184.7	171.0	159.0	147.9	138.1	127.8
50°	288.1	275.5	261.4	247.1	230.4	210.6	193.6	178.3	165.8	154.2	142.5
47.5°	354.8	335.0	313.2	293.8	270.0	244.7	222.3	200.7	186.4	170.9	158.0
45°	402.9	391.4	377.0	349.3	317.7	288.6	257.6	232.8	209.9	191.6	173.4
42.5°	436.0	427.6	415.9	398.1	374.7	338.8	302.7	270.0	240.3	214.9	191.8
40°	466.3	453.2	442.7	430.4	411.2	389.1	352.9	311.7	275.8	242.9	210.3
37.5°	501.8	482.9	469.0	454.1	439.0	419.6	396.4	359.6	313.8	272.2	233.0
35°	546.2	522.7	501.3	482.2	463.3	443.5	423.1	398.8	356.9	304.3	257.3
32.5°	602.6	573.0	543.9	517.6	488.4	464.5	443.6	422.0	394.0	340.7	286.3
30°	515.2	580.1	593.2	556.7	518.5	485.6	461.3	439.9	413.8	377.4	315.6
27.5°	500.7	497.0	568.8	597.6	550.7	510.7	480.4	455.5	432.2	400.2	349.1
25°	541.7	508.4	501.6	567.4	589.1	539.5	502.9	473.2	446.1	419.1	388.8
22.5°	621.7	554.1	510.6	501.7	583.2	576.6	530.0	491.7	462.4	445.2	416.3
20°	752.9	627.5	549.7	511.5	528.7	611.4	557.6	516.9	489.9	469.3	441.8
17.5°	884.4	743.1	608.9	531.6	513.2	571.7	590.6	547.3	513.9	494.0	467.2
15°	1004.0	850.5	699.4	583.1	522.6	533.4	619.6	575.4	536.4	516.8	488.0
12.5°	1081.0	945.3	782.0	629.0	539.4	519.9	603.0	600.5	560.1	530.2	501.4
10°	1152.6	1011.7	852.6	692.5	575.3	527.5	578.4	621.2	579.1	541.0	512.2
7.5°	1239.7	1051.8	905.1	741.3	598.9	530.8	559.4	639.9	596.5	551.8	520.6
5°	1293.4	1079.5	936.3	769.5	609.8	530.7	545.0	656.6	611.9	562.3	527.0
2.5°	1326.8	1095.0	951.5	784.7	612.8	527.9	538.7	672.0	627.1	568.4	528.6
0°	1331.6	1092.8	960.5	790.4	611.7	522.3	543.0	685.6	640.9	572.2	529.2
-2.5°	1326.8	1095.0	951.5	784.7	612.8	527.9	538.7	672.0	627.1	568.4	528.6
-5°	1293.4	1079.5	936.3	769.5	609.8	530.7	545.0	656.6	611.9	562.3	527.0
-7.5°	1239.7	1051.8	905.1	741.3	598.9	530.8	559.4	639.9	596.5	551.8	520.6
-10°	1152.6	1011.7	852.6	692.5	575.3	527.5	578.4	621.2	579.1	541.0	512.2
-12.5°	1081.0	945.3	782.0	629.0	539.4	519.9	603.0	600.5	560.1	530.2	501.4
-15°	1004.0	850.5	699.4	583.1	522.6	533.4	619.6	575.4	536.4	516.8	488.0
-17.5°	884.4	743.1	608.9	531.6	513.2	571.7	590.6	547.3	513.9	494.0	467.2
-20°	752.9	627.5	549.7	511.5	528.7	611.4	557.6	516.9	489.9	469.3	441.8





REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	621.7	554.1	510.6	501.7	583.2	576.6	530.0	491.7	462.4	445.2	416.3
-25°	541.7	508.4	501.6	567.4	589.1	539.5	502.9	473.2	446.1	419.1	388.8
-27.5°	500.7	497.0	568.8	597.6	550.7	510.7	480.4	455.5	432.2	400.2	349.1
-30°	515.2	580.1	593.2	556.7	518.5	485.6	461.3	439.9	413.8	377.4	315.6
-32.5°	602.6	573.0	543.9	517.6	488.4	464.5	443.6	422.0	394.0	340.7	286.3
-35°	546.2	522.7	501.3	482.2	463.3	443.5	423.1	398.8	356.9	304.3	257.3
-37.5°	501.8	482.9	469.0	454.1	439.0	419.6	396.4	359.6	313.8	272.2	233.0
-40°	466.3	453.2	442.7	430.4	411.2	389.1	352.9	311.7	275.8	242.9	210.3
-42.5°	436.0	427.6	415.9	398.1	374.7	338.8	302.7	270.0	240.3	214.9	191.8
-45°	402.9	391.4	377.0	349.3	317.7	288.6	257.6	232.8	209.9	191.6	173.4
-47.5°	354.8	335.0	313.2	293.8	270.0	244.7	222.3	200.7	186.4	170.9	158.0
-50°	288.1	275.5	261.4	247.1	230.4	210.6	193.6	178.3	165.8	154.2	142.5
-52.5°	236.0	227.2	218.5	208.5	198.3	184.7	171.0	159.0	147.9	138.1	127.8
-55°	196.6	188.4	183.8	178.6	173.0	162.8	152.0	141.4	131.7	122.7	111.6
-57.5°	166.0	157.6	156.0	153.7	150.8	143.5	134.6	125.4	114.4	104.4	94.7
-60°	142.9	133.4	133.0	132.2	130.8	125.8	116.4	106.2	95.4	88.3	81.3
-62.5°	124.2	112.3	112.1	111.0	109.3	105.3	96.5	88.6	81.3	75.1	70.0
-65°	107.0	92.4	89.6	89.0	87.4	84.7	78.0	73.1	69.6	66.5	60.5
-67.5°	92.9	75.9	69.7	68.8	67.9	66.4	63.5	61.0	58.9	56.5	50.8
-70°	77.6	61.6	54.3	53.6	52.7	51.6	50.2	48.7	47.0	44.2	38.5
-72.5°	58.2	47.2	41.2	40.6	39.8	38.9	37.7	35.7	32.7	28.6	25.0
-75°	39.7	33.6	29.5	29.1	28.4	27.5	26.1	23.8	21.3	18.8	16.5
-77.5°	25.4	22.0	19.3	18.9	18.3	17.6	16.4	14.6	13.1	11.7	10.5
-80°	13.9	12.4	11.2	10.9	10.5	9.9	9.2	8.3	7.3	6.7	6.3
-82.5°	6.3	6.1	5.9	5.7	5.5	5.2	5.0	4.7	4.4	4.1	3.8
-85°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	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





REPORT NUMBER: P558937 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4C-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°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.2	1.0
85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
80°	5.8	5.4	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
77.5°	9.6	8.5	7.1	6.4	5.7	5.1	4.4	3.8	3.4	3.4	3.4
75°	14.7	13.4	12.1	10.4	8.5	6.8	6.0	5.3	4.5	3.5	3.4
72.5°	22.7	20.4	17.9	15.0	12.6	10.3	8.3	6.8	6.0	5.0	3.8
70°	32.9	28.3	25.0	21.4	17.4	13.9	11.3	9.4	7.6	6.5	5.2
67.5°	44.7	38.2	32.9	27.7	23.1	18.7	14.6	12.3	10.4	8.1	6.6
65°	53.7	47.1	40.6	34.7	29.0	23.7	19.0	15.7	13.1	10.6	8.0
62.5°	63.2	55.1	48.1	41.6	35.1	29.0	23.5	20.2	16.2	13.2	10.1
60°	73.8	65.7	56.0	48.4	41.3	34.3	28.8	24.8	20.5	15.8	12.5
57.5°	86.6	77.4	66.4	56.0	47.5	39.8	34.4	30.0	24.9	19.5	14.9
55°	100.4	89.6	76.5	64.6	54.2	45.4	40.6	35.5	29.5	23.6	17.4
52.5°	116.1	101.8	87.0	73.2	61.2	52.0	47.6	41.2	34.8	27.6	21.2
50°	130.8	114.5	97.8	82.4	68.0	60.6	55.0	48.1	40.2	31.9	25.4
47.5°	143.0	126.2	109.0	91.6	76.1	69.8	63.5	55.3	45.6	36.8	29.6
45°	155.4	136.8	119.3	101.4	86.9	80.2	72.9	62.8	52.4	42.7	34.0
42.5°	167.7	147.8	128.5	110.6	99.4	90.8	82.8	71.7	59.4	48.8	39.1
40°	183.4	159.0	137.5	121.6	111.5	101.3	92.4	81.1	66.7	55.6	44.6
37.5°	198.7	171.7	147.5	133.5	123.0	112.0	101.8	90.8	75.9	63.3	50.3
35°	218.3	185.1	161.6	145.9	133.6	122.3	111.0	100.2	86.6	71.0	56.0
32.5°	237.3	202.0	177.9	158.5	143.6	132.2	120.0	112.0	97.6	78.9	61.8
30°	262.7	224.4	193.7	170.3	153.5	141.1	131.3	125.3	109.1	86.8	67.9
27.5°	294.2	246.4	210.0	183.6	163.9	149.9	146.4	140.0	120.8	95.4	74.4
25°	326.2	272.5	229.6	197.0	173.7	164.8	161.2	155.8	133.0	105.0	80.8
22.5°	361.5	299.1	248.5	209.6	190.3	179.2	175.4	169.2	145.9	114.6	87.1
20°	395.7	324.3	267.9	230.7	208.3	194.6	188.7	182.4	159.3	124.2	93.2
17.5°	426.8	352.6	295.2	253.6	226.6	209.6	201.5	195.4	173.1	133.6	99.2
15°	447.6	382.8	320.7	275.1	244.1	224.3	213.9	208.1	187.0	142.8	103.5
12.5°	465.2	409.2	343.6	295.2	260.8	238.6	225.9	220.5	201.0	148.8	105.7
10°	479.9	432.0	364.2	313.7	276.7	252.5	237.6	229.3	206.3	151.8	107.7
7.5°	492.0	451.3	382.4	330.8	289.8	259.5	239.3	230.9	209.6	154.1	109.3
5°	500.5	462.6	391.0	335.2	290.8	259.0	239.4	232.1	211.8	155.6	110.6
2.5°	501.7	463.8	393.2	336.7	291.0	257.8	239.2	233.1	212.9	156.4	111.4
0°	501.7	462.2	393.5	336.8	290.4	256.0	238.8	233.7	213.1	156.4	111.7
-2.5°	501.7	463.8	393.2	336.7	291.0	257.8	239.2	233.1	212.9	156.4	111.4
-5°	500.5	462.6	391.0	335.2	290.8	259.0	239.4	232.1	211.8	155.6	110.6
-7.5°	492.0	451.3	382.4	330.8	289.8	259.5	239.3	230.9	209.6	154.1	109.3
-10°	479.9	432.0	364.2	313.7	276.7	252.5	237.6	229.3	206.3	151.8	107.7
-12.5°	465.2	409.2	343.6	295.2	260.8	238.6	225.9	220.5	201.0	148.8	105.7
-15°	447.6	382.8	320.7	275.1	244.1	224.3	213.9	208.1	187.0	142.8	103.5
-17.5°	426.8	352.6	295.2	253.6	226.6	209.6	201.5	195.4	173.1	133.6	99.2
-20°	395.7	324.3	267.9	230.7	208.3	194.6	188.7	182.4	159.3	124.2	93.2



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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°	361.5	299.1	248.5	209.6	190.3	179.2	175.4	169.2	145.9	114.6	87.1
-25°	326.2	272.5	229.6	197.0	173.7	164.8	161.2	155.8	133.0	105.0	80.8
-27.5°	294.2	246.4	210.0	183.6	163.9	149.9	146.4	140.0	120.8	95.4	74.4
-30°	262.7	224.4	193.7	170.3	153.5	141.1	131.3	125.3	109.1	86.8	67.9
-32.5°	237.3	202.0	177.9	158.5	143.6	132.2	120.0	112.0	97.6	78.9	61.8
-35°	218.3	185.1	161.6	145.9	133.6	122.3	111.0	100.2	86.6	71.0	56.0
-37.5°	198.7	171.7	147.5	133.5	123.0	112.0	101.8	90.8	75.9	63.3	50.3
-40°	183.4	159.0	137.5	121.6	111.5	101.3	92.4	81.1	66.7	55.6	44.6
-42.5°	167.7	147.8	128.5	110.6	99.4	90.8	82.8	71.7	59.4	48.8	39.1
-45°	155.4	136.8	119.3	101.4	86.9	80.2	72.9	62.8	52.4	42.7	34.0
-47.5°	143.0	126.2	109.0	91.6	76.1	69.8	63.5	55.3	45.6	36.8	29.6
-50°	130.8	114.5	97.8	82.4	68.0	60.6	55.0	48.1	40.2	31.9	25.4
-52.5°	116.1	101.8	87.0	73.2	61.2	52.0	47.6	41.2	34.8	27.6	21.2
-55°	100.4	89.6	76.5	64.6	54.2	45.4	40.6	35.5	29.5	23.6	17.4
-57.5°	86.6	77.4	66.4	56.0	47.5	39.8	34.4	30.0	24.9	19.5	14.9
-60°	73.8	65.7	56.0	48.4	41.3	34.3	28.8	24.8	20.5	15.8	12.5
-62.5°	63.2	55.1	48.1	41.6	35.1	29.0	23.5	20.2	16.2	13.2	10.1
-65°	53.7	47.1	40.6	34.7	29.0	23.7	19.0	15.7	13.1	10.6	8.0
-67.5°	44.7	38.2	32.9	27.7	23.1	18.7	14.6	12.3	10.4	8.1	6.6
-70°	32.9	28.3	25.0	21.4	17.4	13.9	11.3	9.4	7.6	6.5	5.2
-72.5°	22.7	20.4	17.9	15.0	12.6	10.3	8.3	6.8	6.0	5.0	3.8
-75°	14.7	13.4	12.1	10.4	8.5	6.8	6.0	5.3	4.5	3.5	3.4
-77.5°	9.6	8.5	7.1	6.4	5.7	5.1	4.4	3.8	3.4	3.4	3.4
-80°	5.8	5.4	4.9	4.4	3.9	3.4	3.3	3.4	3.4	3.4	3.4
-82.5°	3.5	3.3	3.1	2.9	2.9	3.0	3.2	3.4	3.4	3.4	3.1
-85°	2.3	2.2	2.1	2.0	2.2	2.6	2.8	2.9	2.6	2.3	2.0
-87.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.4	1.3	1.2	1.0
-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
67.5°	4.9	3.4	3.4	3.4	2.6	1.3	0.0
65°	6.2	4.0	3.4	3.4	2.9	1.4	0.0
62.5°	7.5	5.1	3.4	3.4	3.1	1.6	0.0
60°	8.8	6.3	3.4	3.4	3.4	1.7	0.0
57.5°	11.0	7.4	4.3	3.4	3.4	1.8	0.0
55°	13.4	8.5	5.2	3.4	3.4	1.9	0.0
52.5°	15.8	9.8	6.1	3.4	3.5	2.1	0.0
50°	18.3	12.0	7.0	3.4	3.5	2.2	0.0
47.5°	21.0	14.1	7.9	3.6	3.6	2.3	0.0
45°	24.8	16.3	8.8	4.2	3.6	2.4	0.0
42.5°	28.7	18.5	9.6	4.8	3.7	2.5	0.0
40°	32.7	20.7	10.9	5.5	3.7	2.6	0.0
37.5°	36.6	22.9	12.6	6.0	3.8	2.7	0.0
35°	40.6	25.7	14.2	6.6	3.9	2.8	0.0
32.5°	44.9	28.8	15.8	7.0	4.0	2.9	0.0
30°	49.5	31.9	17.4	7.4	4.1	2.9	0.0
27.5°	54.2	35.0	18.4	7.8	4.1	3.0	0.0
25°	58.7	37.9	19.2	8.1	4.2	3.1	0.0
22.5°	63.2	40.2	19.8	8.3	4.3	3.1	0.0
20°	67.6	41.1	20.3	8.5	4.4	3.2	0.0
17.5°	69.9	41.6	20.6	8.7	4.5	3.2	0.0
15°	70.7	41.8	20.7	8.8	4.6	3.3	0.0
12.5°	71.2	41.8	20.7	8.8	4.7	3.3	0.0
10°	71.4	41.5	20.6	8.8	4.8	3.3	0.0
7.5°	71.2	40.9	20.3	8.8	4.9	3.4	0.0
5°	70.7	40.1	19.9	8.8	5.0	3.4	0.0
2.5°	69.9	39.0	19.5	8.7	5.1	3.4	0.0
0°	68.7	37.8	18.9	8.6	5.2	3.4	0.0
-2.5°	69.9	39.0	19.5	8.7	5.1	3.4	0.0
-5°	70.7	40.1	19.9	8.8	5.0	3.4	0.0
-7.5°	71.2	40.9	20.3	8.8	4.9	3.4	0.0
-10°	71.4	41.5	20.6	8.8	4.8	3.3	0.0
-12.5°	71.2	41.8	20.7	8.8	4.7	3.3	0.0
-15°	70.7	41.8	20.7	8.8	4.6	3.3	0.0
-17.5°	69.9	41.6	20.6	8.7	4.5	3.2	0.0
-20°	67.6	41.1	20.3	8.5	4.4	3.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	63.2	40.2	19.8	8.3	4.3	3.1	0.0
-25°	58.7	37.9	19.2	8.1	4.2	3.1	0.0
-27.5°	54.2	35.0	18.4	7.8	4.1	3.0	0.0
-30°	49.5	31.9	17.4	7.4	4.1	2.9	0.0
-32.5°	44.9	28.8	15.8	7.0	4.0	2.9	0.0
-35°	40.6	25.7	14.2	6.6	3.9	2.8	0.0
-37.5°	36.6	22.9	12.6	6.0	3.8	2.7	0.0
-40°	32.7	20.7	10.9	5.5	3.7	2.6	0.0
-42.5°	28.7	18.5	9.6	4.8	3.7	2.5	0.0
-45°	24.8	16.3	8.8	4.2	3.6	2.4	0.0
-47.5°	21.0	14.1	7.9	3.6	3.6	2.3	0.0
-50°	18.3	12.0	7.0	3.4	3.5	2.2	0.0
-52.5°	15.8	9.8	6.1	3.4	3.5	2.1	0.0
-55°	13.4	8.5	5.2	3.4	3.4	1.9	0.0
-57.5°	11.0	7.4	4.3	3.4	3.4	1.8	0.0
-60°	8.8	6.3	3.4	3.4	3.4	1.7	0.0
-62.5°	7.5	5.1	3.4	3.4	3.1	1.6	0.0
-65°	6.2	4.0	3.4	3.4	2.9	1.4	0.0
-67.5°	4.9	3.4	3.4	3.4	2.6	1.3	0.0
-70°	3.6	3.4	3.4	3.4	2.3	1.2	0.0
-72.5°	3.4	3.4	3.4	3.1	2.0	1.0	0.0
-75°	3.4	3.4	3.4	2.6	1.8	0.9	0.0
-77.5°	3.4	3.4	2.9	2.2	1.5	0.7	0.0
-80°	3.4	2.9	2.3	1.8	1.2	0.6	0.0
-82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)