

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: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-940-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558713 (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-SA2D-940-U-TSB-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

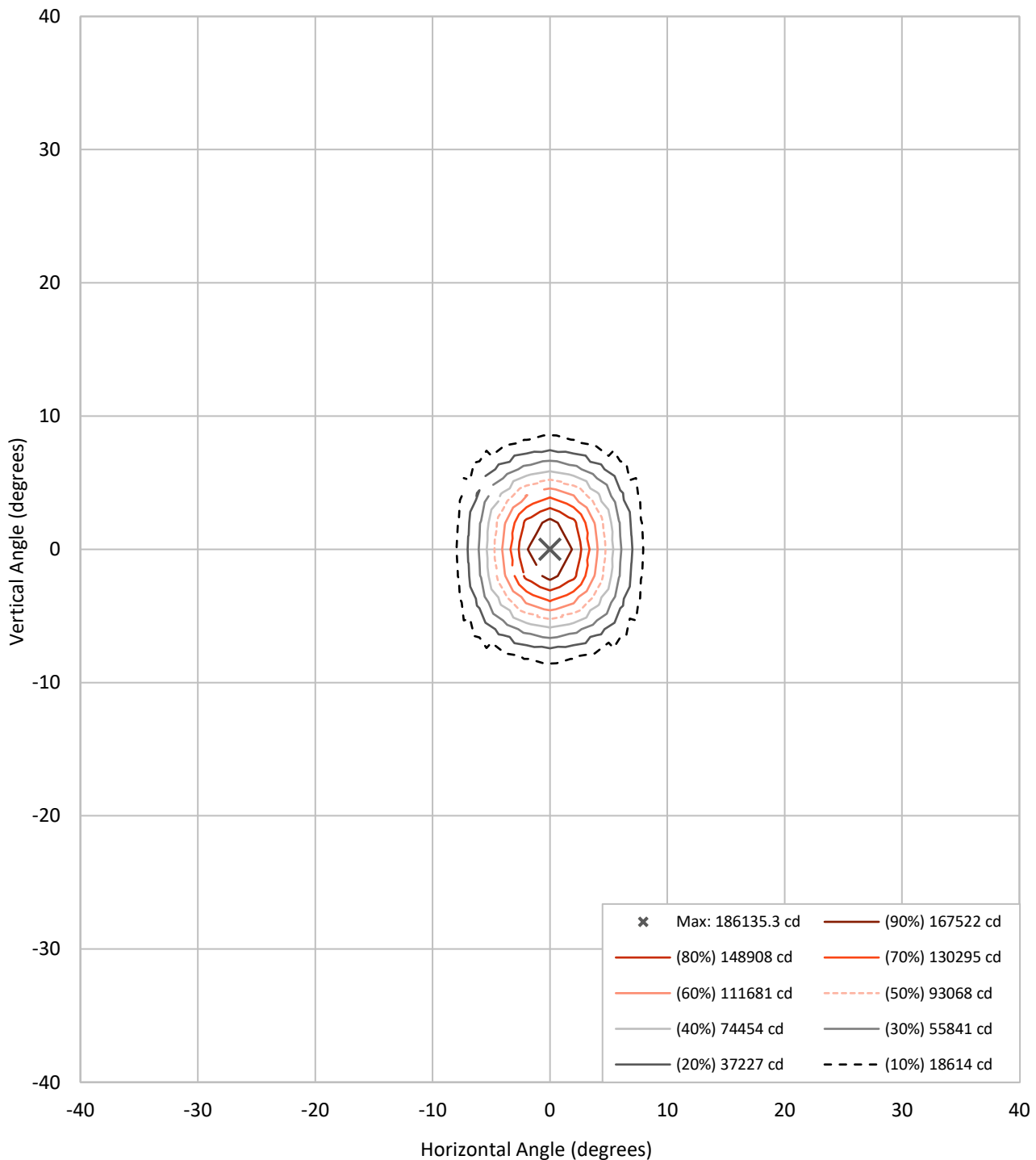
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7248.5 lumens	Max Intensity:	186135.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3106.8 lumens	Field Lumens:	5354.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 110  
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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CATALOG NUMBER: GFLD-SA2D-940-U-TSB-XX

### Iso-Candela Plot





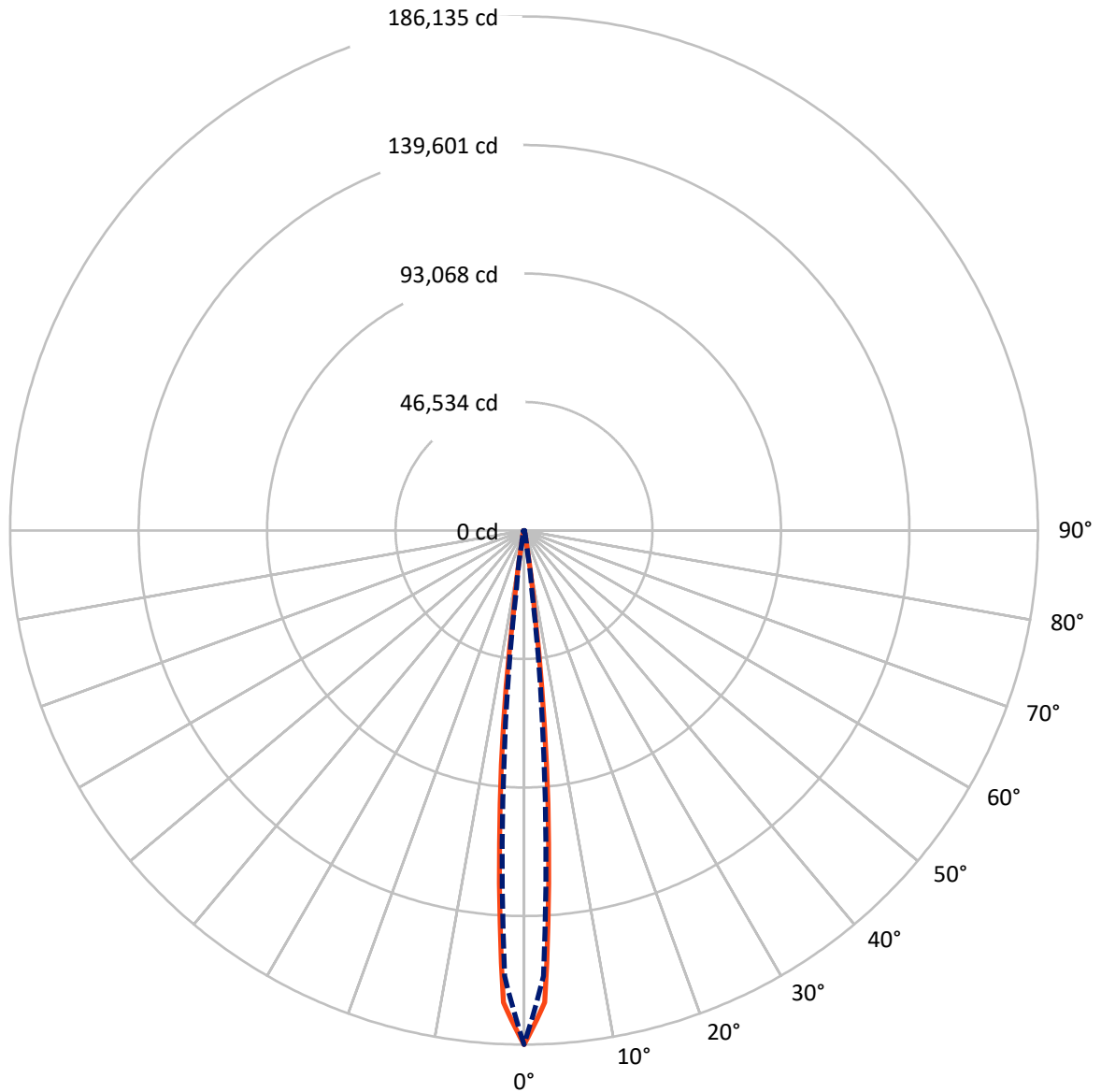
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### Lumen Table

90	0.0		0.2		0.8		1.7		3.0		1.7		0.8		0.2		0.0
80	0.0		0.2		0.8		1.7		3.0		1.7		0.8		0.2		0.0
70	0.1	0.1	0.4	0.8	1.2	1.6	2.5	4.5	4.5	2.5	1.6	1.2	0.8	0.4	0.1	0.1	
60		0.3	0.7	1.5	2.4	3.2	4.3	5.9	5.9	4.3	3.2	2.4	1.5	0.7	0.3		
50	0.4	0.5	1.1	2.3	4.1	6.1	7.9	9.4	9.4	7.9	6.1	4.1	2.3	1.1	0.5	0.4	
40		0.8	1.6	3.5	6.4	8.6	9.7	10.3	10.3	9.7	8.6	6.4	3.5	1.6	0.8		
30	0.7	1.2	2.2	5.0	7.8	9.3	12.7	16.7	16.7	12.7	9.3	7.8	5.0	2.2	1.2	0.7	
20		1.6	3.1	6.3	8.6	12.3	24.9	49.8	49.8	24.9	12.3	8.6	6.3	3.1	1.6		
10	0.8	1.8	3.7	7.0	9.0	15.8	49.2	1456.3	1456.3	49.2	15.8	9.0	7.0	3.7	1.8	0.8	
0		1.8	3.7	7.0	9.0	15.8	49.2	1456.3	1456.3	49.2	15.8	9.0	7.0	3.7	1.8		
-10	0.7	1.6	3.1	6.3	8.6	12.3	24.9	49.8	49.8	24.9	12.3	8.6	6.3	3.1	1.6	0.7	
-20		1.2	2.2	5.0	7.8	9.3	12.7	16.7	16.7	12.7	9.3	7.8	5.0	2.2	1.2		
-30	0.4	0.8	1.6	3.5	6.4	8.6	9.7	10.3	10.3	9.7	8.6	6.4	3.5	1.6	0.8	0.4	
-40		0.5	1.1	2.3	4.1	6.1	7.9	9.4	9.4	7.9	6.1	4.1	2.3	1.1	0.5		
-50	0.1	0.3	0.7	1.5	2.4	3.2	4.3	5.9	5.9	4.3	3.2	2.4	1.5	0.7	0.3	0.1	
-60		0.1	0.4	0.8	1.2	1.6	2.5	4.5	4.5	2.5	1.6	1.2	0.8	0.4	0.1		
-70	0.0		0.2		0.8		1.7		3.0		1.7		0.8		0.2		0.0
-80	0.0		0.2		0.8		1.7		3.0		1.7		0.8		0.2		0.0
-90	0.0		0.2		0.8		1.7		3.0		1.7		0.8		0.2		0.0

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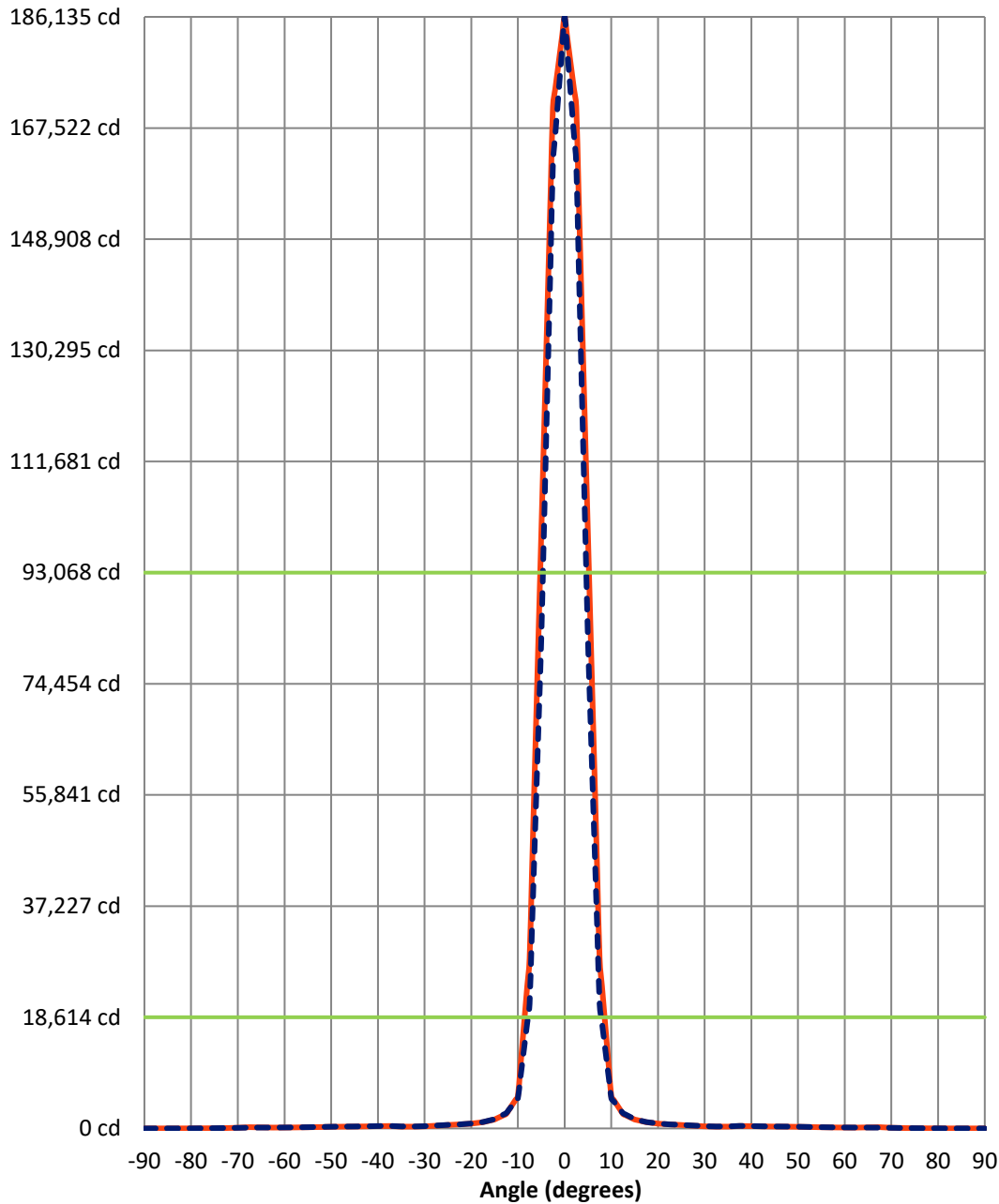
### Luminous Intensity Polar Plot



— 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: 3106.8  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 5354.6  
Efficiency: 73.9%

**Spill:**  
Lumens: 1893.9  
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	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.8	3.2
72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.1	3.7	4.1
70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.2	4.0	4.6	5.8
67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	4.1	4.9	6.4	7.6
65°	0.0	0.9	1.8	2.1	2.1	2.5	3.8	4.9	6.6	8.1	9.7
62.5°	0.0	1.0	1.9	2.1	2.1	3.2	4.6	6.2	8.2	10.0	12.5
60°	0.0	1.0	2.1	2.1	2.1	3.9	5.4	7.7	9.8	12.7	15.3
57.5°	0.0	1.1	2.1	2.1	2.7	4.6	6.8	9.2	12.1	15.4	18.4
55°	0.0	1.2	2.1	2.1	3.2	5.3	8.2	10.7	14.5	18.2	21.9
52.5°	0.0	1.3	2.1	2.1	3.8	6.1	9.7	13.1	17.0	21.4	25.4
50°	0.0	1.3	2.2	2.1	4.4	7.4	11.3	15.7	19.7	24.7	29.6
47.5°	0.0	1.4	2.2	2.2	4.9	8.7	12.9	18.3	22.7	28.1	34.1
45°	0.0	1.5	2.2	2.6	5.4	10.1	15.3	21.0	26.3	32.3	38.7
42.5°	0.0	1.5	2.3	3.0	6.0	11.4	17.7	24.1	30.1	36.6	44.2
40°	0.0	1.6	2.3	3.4	6.8	12.8	20.1	27.5	34.2	41.1	50.0
37.5°	0.0	1.7	2.4	3.7	7.8	14.1	22.6	31.0	39.0	46.8	56.0
35°	0.0	1.7	2.4	4.1	8.8	15.8	25.1	34.5	43.8	53.4	61.8
32.5°	0.0	1.8	2.4	4.4	9.8	17.8	27.7	38.1	48.6	60.2	69.1
30°	0.0	1.8	2.5	4.6	10.8	19.7	30.5	41.8	53.5	67.2	77.3
27.5°	0.0	1.9	2.6	4.8	11.4	21.6	33.4	45.8	58.8	74.5	86.3
25°	0.0	1.9	2.6	5.0	11.9	23.4	36.2	49.8	64.7	82.0	96.0
22.5°	0.0	1.9	2.7	5.2	12.2	24.8	39.0	53.7	70.6	89.9	104.3
20°	0.0	2.0	2.7	5.3	12.5	25.3	41.7	57.4	76.5	98.2	112.4
17.5°	0.0	2.0	2.8	5.4	12.7	25.6	43.1	61.1	82.3	106.7	120.4
15°	0.0	2.0	2.9	5.4	12.7	25.8	43.6	63.8	88.0	115.3	128.2
12.5°	0.0	2.1	2.9	5.5	12.7	25.8	43.9	65.1	91.7	123.9	135.8
10°	0.0	2.1	3.0	5.5	12.7	25.6	44.0	66.3	93.5	127.2	141.3
7.5°	0.0	2.1	3.0	5.5	12.5	25.2	43.9	67.4	94.9	129.1	142.2
5°	0.0	2.1	3.1	5.4	12.3	24.7	43.6	68.1	95.9	130.5	143.0
2.5°	0.0	2.1	3.1	5.4	12.0	24.1	43.1	68.6	96.4	131.2	143.6
0°	0.0	2.1	3.2	5.3	11.6	23.3	42.4	68.8	96.4	131.3	144.0
-2.5°	0.0	2.1	3.1	5.4	12.0	24.1	43.1	68.6	96.4	131.2	143.6
-5°	0.0	2.1	3.1	5.4	12.3	24.7	43.6	68.1	95.9	130.5	143.0
-7.5°	0.0	2.1	3.0	5.5	12.5	25.2	43.9	67.4	94.9	129.1	142.2
-10°	0.0	2.1	3.0	5.5	12.7	25.6	44.0	66.3	93.5	127.2	141.3
-12.5°	0.0	2.1	2.9	5.5	12.7	25.8	43.9	65.1	91.7	123.9	135.8
-15°	0.0	2.0	2.9	5.4	12.7	25.8	43.6	63.8	88.0	115.3	128.2
-17.5°	0.0	2.0	2.8	5.4	12.7	25.6	43.1	61.1	82.3	106.7	120.4
-20°	0.0	2.0	2.7	5.3	12.5	25.3	41.7	57.4	76.5	98.2	112.4



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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	1.9	2.7	5.2	12.2	24.8	39.0	53.7	70.6	89.9	104.3
-25°	0.0	1.9	2.6	5.0	11.9	23.4	36.2	49.8	64.7	82.0	96.0
-27.5°	0.0	1.9	2.6	4.8	11.4	21.6	33.4	45.8	58.8	74.5	86.3
-30°	0.0	1.8	2.5	4.6	10.8	19.7	30.5	41.8	53.5	67.2	77.3
-32.5°	0.0	1.8	2.4	4.4	9.8	17.8	27.7	38.1	48.6	60.2	69.1
-35°	0.0	1.7	2.4	4.1	8.8	15.8	25.1	34.5	43.8	53.4	61.8
-37.5°	0.0	1.7	2.4	3.7	7.8	14.1	22.6	31.0	39.0	46.8	56.0
-40°	0.0	1.6	2.3	3.4	6.8	12.8	20.1	27.5	34.2	41.1	50.0
-42.5°	0.0	1.5	2.3	3.0	6.0	11.4	17.7	24.1	30.1	36.6	44.2
-45°	0.0	1.5	2.2	2.6	5.4	10.1	15.3	21.0	26.3	32.3	38.7
-47.5°	0.0	1.4	2.2	2.2	4.9	8.7	12.9	18.3	22.7	28.1	34.1
-50°	0.0	1.3	2.2	2.1	4.4	7.4	11.3	15.7	19.7	24.7	29.6
-52.5°	0.0	1.3	2.1	2.1	3.8	6.1	9.7	13.1	17.0	21.4	25.4
-55°	0.0	1.2	2.1	2.1	3.2	5.3	8.2	10.7	14.5	18.2	21.9
-57.5°	0.0	1.1	2.1	2.1	2.7	4.6	6.8	9.2	12.1	15.4	18.4
-60°	0.0	1.0	2.1	2.1	2.1	3.9	5.4	7.7	9.8	12.7	15.3
-62.5°	0.0	1.0	1.9	2.1	2.1	3.2	4.6	6.2	8.2	10.0	12.5
-65°	0.0	0.9	1.8	2.1	2.1	2.5	3.8	4.9	6.6	8.1	9.7
-67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	4.1	4.9	6.4	7.6
-70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.2	4.0	4.6	5.8
-72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.1	3.7	4.1
-75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.8	3.2
-77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-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°	0.9	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.7	1.6	1.4	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7
82.5°	2.0	1.9	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
80°	2.1	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.5	5.0
77.5°	2.7	3.1	3.5	3.9	4.3	5.2	5.9	6.5	7.2	8.1	9.0
75°	3.7	4.1	5.2	6.4	7.4	8.3	9.1	10.2	11.6	13.2	14.6
72.5°	5.1	6.3	7.7	9.2	11.0	12.5	14.0	15.4	17.6	20.1	22.0
70°	7.0	8.6	10.7	13.1	15.4	17.4	20.3	23.7	27.2	29.0	30.0
67.5°	9.0	11.5	14.2	17.1	20.2	23.5	27.5	31.3	34.8	36.3	37.6
65°	11.7	14.6	17.8	21.4	25.0	29.0	33.1	37.3	41.0	42.9	45.1
62.5°	14.4	17.8	21.6	25.6	29.7	34.0	38.9	43.1	46.3	50.1	54.6
60°	17.7	21.1	25.4	29.9	34.5	40.5	45.5	50.1	54.4	58.7	65.5
57.5°	21.2	24.5	29.3	34.5	40.9	47.7	53.4	58.4	64.3	70.5	77.3
55°	25.0	28.0	33.4	39.8	47.1	55.3	61.9	68.8	75.6	81.1	87.1
52.5°	29.3	32.1	37.7	45.1	53.6	62.7	71.5	78.7	85.1	91.1	98.0
50°	33.9	37.3	41.9	50.8	60.3	70.6	80.6	87.8	95.0	102.2	109.9
47.5°	39.2	43.0	46.8	56.4	67.2	77.7	88.1	97.3	105.3	114.9	123.7
45°	44.9	49.4	53.5	62.5	73.5	84.3	95.8	106.8	118.1	129.4	143.5
42.5°	51.0	55.9	61.2	68.2	79.2	91.1	103.4	118.2	132.4	148.1	166.4
40°	57.0	62.4	68.7	74.9	84.7	98.0	113.0	129.6	149.7	170.0	192.1
37.5°	62.7	69.0	75.8	82.2	90.9	105.8	122.4	143.6	167.8	193.4	221.6
35°	68.4	75.4	82.3	89.9	99.6	114.1	134.6	158.5	187.6	219.9	245.7
32.5°	74.0	81.5	88.5	97.6	109.6	124.5	146.2	176.5	209.9	242.8	260.0
30°	80.9	86.9	94.6	105.0	119.4	138.3	161.9	194.5	232.6	255.0	271.0
27.5°	90.2	92.4	101.0	113.1	129.4	151.9	181.3	215.2	246.7	266.3	280.7
25°	99.3	101.6	107.0	121.4	141.5	168.0	201.0	239.6	258.3	274.9	291.6
22.5°	108.1	110.4	117.3	129.2	153.1	184.3	222.7	256.6	274.4	284.9	303.0
20°	116.2	119.9	128.4	142.1	165.1	199.8	243.8	272.3	289.2	301.9	318.5
17.5°	124.1	129.2	139.6	156.3	181.9	217.2	263.0	287.9	304.4	316.7	337.3
15°	131.8	138.2	150.4	169.6	197.6	235.9	275.8	300.7	318.5	330.6	354.6
12.5°	139.2	147.1	160.7	181.9	211.7	252.2	286.7	309.0	326.7	345.2	370.1
10°	146.4	155.6	170.6	193.3	224.4	266.2	295.8	315.6	333.3	356.9	382.8
7.5°	147.5	159.9	178.6	203.9	235.6	278.1	303.3	320.8	340.1	367.6	394.3
5°	147.5	159.6	179.2	206.6	240.9	285.1	308.5	324.7	346.5	377.1	404.6
2.5°	147.4	158.9	179.4	207.5	242.3	285.8	309.2	325.7	350.3	386.5	414.1
0°	147.2	157.8	179.0	207.5	242.5	284.8	309.2	326.1	352.6	395.0	422.5
-2.5°	147.4	158.9	179.4	207.5	242.3	285.8	309.2	325.7	350.3	386.5	414.1
-5°	147.5	159.6	179.2	206.6	240.9	285.1	308.5	324.7	346.5	377.1	404.6
-7.5°	147.5	159.9	178.6	203.9	235.6	278.1	303.3	320.8	340.1	367.6	394.3
-10°	146.4	155.6	170.6	193.3	224.4	266.2	295.8	315.6	333.3	356.9	382.8
-12.5°	139.2	147.1	160.7	181.9	211.7	252.2	286.7	309.0	326.7	345.2	370.1
-15°	131.8	138.2	150.4	169.6	197.6	235.9	275.8	300.7	318.5	330.6	354.6
-17.5°	124.1	129.2	139.6	156.3	181.9	217.2	263.0	287.9	304.4	316.7	337.3
-20°	116.2	119.9	128.4	142.1	165.1	199.8	243.8	272.3	289.2	301.9	318.5



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	108.1	110.4	117.3	129.2	153.1	184.3	222.7	256.6	274.4	284.9	303.0
-25°	99.3	101.6	107.0	121.4	141.5	168.0	201.0	239.6	258.3	274.9	291.6
-27.5°	90.2	92.4	101.0	113.1	129.4	151.9	181.3	215.2	246.7	266.3	280.7
-30°	80.9	86.9	94.6	105.0	119.4	138.3	161.9	194.5	232.6	255.0	271.0
-32.5°	74.0	81.5	88.5	97.6	109.6	124.5	146.2	176.5	209.9	242.8	260.0
-35°	68.4	75.4	82.3	89.9	99.6	114.1	134.6	158.5	187.6	219.9	245.7
-37.5°	62.7	69.0	75.8	82.2	90.9	105.8	122.4	143.6	167.8	193.4	221.6
-40°	57.0	62.4	68.7	74.9	84.7	98.0	113.0	129.6	149.7	170.0	192.1
-42.5°	51.0	55.9	61.2	68.2	79.2	91.1	103.4	118.2	132.4	148.1	166.4
-45°	44.9	49.4	53.5	62.5	73.5	84.3	95.8	106.8	118.1	129.4	143.5
-47.5°	39.2	43.0	46.8	56.4	67.2	77.7	88.1	97.3	105.3	114.9	123.7
-50°	33.9	37.3	41.9	50.8	60.3	70.6	80.6	87.8	95.0	102.2	109.9
-52.5°	29.3	32.1	37.7	45.1	53.6	62.7	71.5	78.7	85.1	91.1	98.0
-55°	25.0	28.0	33.4	39.8	47.1	55.3	61.9	68.8	75.6	81.1	87.1
-57.5°	21.2	24.5	29.3	34.5	40.9	47.7	53.4	58.4	64.3	70.5	77.3
-60°	17.7	21.1	25.4	29.9	34.5	40.5	45.5	50.1	54.4	58.7	65.5
-62.5°	14.4	17.8	21.6	25.6	29.7	34.0	38.9	43.1	46.3	50.1	54.6
-65°	11.7	14.6	17.8	21.4	25.0	29.0	33.1	37.3	41.0	42.9	45.1
-67.5°	9.0	11.5	14.2	17.1	20.2	23.5	27.5	31.3	34.8	36.3	37.6
-70°	7.0	8.6	10.7	13.1	15.4	17.4	20.3	23.7	27.2	29.0	30.0
-72.5°	5.1	6.3	7.7	9.2	11.0	12.5	14.0	15.4	17.6	20.1	22.0
-75°	3.7	4.1	5.2	6.4	7.4	8.3	9.1	10.2	11.6	13.2	14.6
-77.5°	2.7	3.1	3.5	3.9	4.3	5.2	5.9	6.5	7.2	8.1	9.0
-80°	2.1	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.5	5.0
-82.5°	2.0	1.9	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
-85°	1.7	1.6	1.4	1.3	1.3	1.4	1.5	1.5	1.6	1.6	1.7
-87.5°	0.9	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
-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: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
82.5°	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1
80°	5.6	6.1	6.4	6.7	6.9	7.6	8.6	9.5	10.5	10.9	11.1
77.5°	10.1	10.8	11.3	11.6	11.9	13.5	15.6	17.9	20.1	21.4	22.3
75°	16.0	16.9	17.5	17.9	18.2	20.7	24.4	28.4	32.5	34.6	36.2
72.5°	23.2	24.0	24.5	25.0	25.3	29.1	35.9	43.2	51.1	55.9	59.3
70°	30.9	31.8	32.5	33.0	33.5	38.0	47.8	58.1	68.7	79.4	90.7
67.5°	39.1	40.9	41.8	42.4	42.9	46.7	57.2	66.9	75.9	95.1	125.4
65°	48.1	52.2	53.9	54.8	55.2	56.9	65.9	74.0	81.3	96.2	119.4
62.5°	59.5	64.9	67.4	68.5	69.1	69.2	76.5	83.3	89.5	98.9	113.6
60°	71.8	77.6	80.6	81.4	82.0	82.2	88.0	94.7	101.0	108.6	122.3
57.5°	83.0	88.4	92.9	94.7	96.1	97.1	102.3	110.1	117.5	125.1	139.9
55°	93.7	100.3	106.6	110.0	113.3	116.1	121.2	131.1	140.6	149.6	164.9
52.5°	105.4	113.8	122.2	128.5	134.6	140.0	145.5	158.3	171.0	182.9	197.8
50°	119.3	129.8	142.0	152.3	161.1	169.8	177.5	192.8	209.9	226.2	241.8
47.5°	137.1	150.9	166.4	181.1	193.0	206.5	218.7	234.3	249.5	264.6	277.5
45°	158.8	177.9	195.8	215.2	232.3	241.2	248.3	258.1	273.6	288.5	300.6
42.5°	186.6	208.8	230.9	245.3	256.3	263.5	268.7	273.8	290.1	304.5	316.1
40°	217.5	239.8	253.4	265.2	272.8	279.3	287.3	295.3	308.1	322.8	335.8
37.5°	244.2	258.6	270.6	279.8	289.0	297.6	309.2	320.7	332.9	349.4	361.4
35°	260.8	273.3	285.5	297.2	308.9	322.1	336.6	353.5	368.4	354.8	335.2
32.5°	273.3	286.2	301.0	319.0	335.2	353.1	371.3	342.1	312.1	300.3	302.8
30°	284.3	299.2	319.5	343.1	365.6	357.5	317.5	303.6	307.7	315.9	331.7
27.5°	296.0	314.7	339.3	368.3	350.5	306.2	308.6	316.7	344.1	367.4	402.7
25°	309.9	332.4	363.1	349.7	309.1	313.3	333.8	364.8	417.0	465.8	508.4
22.5°	326.6	355.4	359.4	309.2	314.7	341.5	383.1	450.2	513.6	572.5	616.5
20°	343.6	376.8	325.8	315.2	338.8	386.7	464.0	541.0	611.8	664.5	708.5
17.5°	364.0	352.3	316.2	327.6	375.2	458.0	545.0	626.6	693.5	784.5	862.0
15°	381.8	328.7	322.1	359.4	431.0	524.2	618.7	692.1	812.7	943.2	1075.1
12.5°	371.6	320.4	332.4	387.7	481.9	582.6	666.2	782.2	941.9	1132.5	1418.8
10°	356.4	325.1	354.5	426.8	525.4	623.5	710.3	862.5	1073.2	1423.2	1874.1
7.5°	344.7	327.1	369.1	456.8	557.8	648.2	764.0	948.4	1242.2	1722.3	2682.4
5°	335.9	327.0	375.8	474.2	577.0	665.3	797.1	1010.9	1407.7	2091.9	3732.4
2.5°	332.0	325.3	377.6	483.5	586.4	674.8	817.7	1055.9	1512.3	2435.3	4907.9
0°	334.6	321.9	377.0	487.1	591.9	673.5	820.6	1069.5	1543.9	2562.0	5065.7
-2.5°	332.0	325.3	377.6	483.5	586.4	674.8	817.7	1055.9	1512.3	2435.3	4907.9
-5°	335.9	327.0	375.8	474.2	577.0	665.3	797.1	1010.9	1407.7	2091.9	3732.4
-7.5°	344.7	327.1	369.1	456.8	557.8	648.2	764.0	948.4	1242.2	1722.3	2682.4
-10°	356.4	325.1	354.5	426.8	525.4	623.5	710.3	862.5	1073.2	1423.2	1874.1
-12.5°	371.6	320.4	332.4	387.7	481.9	582.6	666.2	782.2	941.9	1132.5	1418.8
-15°	381.8	328.7	322.1	359.4	431.0	524.2	618.7	692.1	812.7	943.2	1075.1
-17.5°	364.0	352.3	316.2	327.6	375.2	458.0	545.0	626.6	693.5	784.5	862.0
-20°	343.6	376.8	325.8	315.2	338.8	386.7	464.0	541.0	611.8	664.5	708.5



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	326.6	355.4	359.4	309.2	314.7	341.5	383.1	450.2	513.6	572.5	616.5
-25°	309.9	332.4	363.1	349.7	309.1	313.3	333.8	364.8	417.0	465.8	508.4
-27.5°	296.0	314.7	339.3	368.3	350.5	306.2	308.6	316.7	344.1	367.4	402.7
-30°	284.3	299.2	319.5	343.1	365.6	357.5	317.5	303.6	307.7	315.9	331.7
-32.5°	273.3	286.2	301.0	319.0	335.2	353.1	371.3	342.1	312.1	300.3	302.8
-35°	260.8	273.3	285.5	297.2	308.9	322.1	336.6	353.5	368.4	354.8	335.2
-37.5°	244.2	258.6	270.6	279.8	289.0	297.6	309.2	320.7	332.9	349.4	361.4
-40°	217.5	239.8	253.4	265.2	272.8	279.3	287.3	295.3	308.1	322.8	335.8
-42.5°	186.6	208.8	230.9	245.3	256.3	263.5	268.7	273.8	290.1	304.5	316.1
-45°	158.8	177.9	195.8	215.2	232.3	241.2	248.3	258.1	273.6	288.5	300.6
-47.5°	137.1	150.9	166.4	181.1	193.0	206.5	218.7	234.3	249.5	264.6	277.5
-50°	119.3	129.8	142.0	152.3	161.1	169.8	177.5	192.8	209.9	226.2	241.8
-52.5°	105.4	113.8	122.2	128.5	134.6	140.0	145.5	158.3	171.0	182.9	197.8
-55°	93.7	100.3	106.6	110.0	113.3	116.1	121.2	131.1	140.6	149.6	164.9
-57.5°	83.0	88.4	92.9	94.7	96.1	97.1	102.3	110.1	117.5	125.1	139.9
-60°	71.8	77.6	80.6	81.4	82.0	82.2	88.0	94.7	101.0	108.6	122.3
-62.5°	59.5	64.9	67.4	68.5	69.1	69.2	76.5	83.3	89.5	98.9	113.6
-65°	48.1	52.2	53.9	54.8	55.2	56.9	65.9	74.0	81.3	96.2	119.4
-67.5°	39.1	40.9	41.8	42.4	42.9	46.7	57.2	66.9	75.9	95.1	125.4
-70°	30.9	31.8	32.5	33.0	33.5	38.0	47.8	58.1	68.7	79.4	90.7
-72.5°	23.2	24.0	24.5	25.0	25.3	29.1	35.9	43.2	51.1	55.9	59.3
-75°	16.0	16.9	17.5	17.9	18.2	20.7	24.4	28.4	32.5	34.6	36.2
-77.5°	10.1	10.8	11.3	11.6	11.9	13.5	15.6	17.9	20.1	21.4	22.3
-80°	5.6	6.1	6.4	6.7	6.9	7.6	8.6	9.5	10.5	10.9	11.1
-82.5°	3.1	3.2	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0	4.1
-85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-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: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
82.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
80°	11.3	11.5	11.1	10.6	11.1	11.5	11.3	11.1	10.9	10.5	9.5
77.5°	23.3	24.1	23.3	22.2	23.3	24.1	23.3	22.3	21.4	20.1	17.9
75°	37.6	38.8	38.1	37.1	38.1	38.8	37.6	36.2	34.6	32.5	28.4
72.5°	62.7	65.7	65.0	63.5	65.0	65.7	62.7	59.3	55.9	51.1	43.2
70°	102.6	114.6	114.2	111.2	114.2	114.6	102.6	90.7	79.4	68.7	58.1
67.5°	158.2	192.3	203.2	208.6	203.2	192.3	158.2	125.4	95.1	75.9	66.9
65°	140.9	161.5	169.7	175.8	169.7	161.5	140.9	119.4	96.2	81.3	74.0
62.5°	126.7	139.0	141.6	141.9	141.6	139.0	126.7	113.6	98.9	89.5	83.3
60°	135.6	148.6	150.6	148.2	150.6	148.6	135.6	122.3	108.6	101.0	94.7
57.5°	154.0	167.7	170.2	167.3	170.2	167.7	154.0	139.9	125.1	117.5	110.1
55°	179.6	193.3	197.9	197.0	197.9	193.3	179.6	164.9	149.6	140.6	131.1
52.5°	212.0	224.6	229.9	229.8	229.9	224.6	212.0	197.8	182.9	171.0	158.3
50°	255.4	266.8	272.4	273.2	272.4	266.8	255.4	241.8	226.2	209.9	192.8
47.5°	286.8	294.2	298.1	298.6	298.1	294.2	286.8	277.5	264.6	249.5	234.3
45°	306.0	310.0	313.0	315.5	313.0	310.0	306.0	300.6	288.5	273.6	258.1
42.5°	324.0	332.3	338.5	339.9	338.5	332.3	324.0	316.1	304.5	290.1	273.8
40°	348.2	359.7	370.7	382.3	370.7	359.7	348.2	335.8	322.8	308.1	295.3
37.5°	374.0	386.8	397.5	403.4	397.5	386.8	374.0	361.4	349.4	332.9	320.7
35°	321.4	313.0	308.0	306.0	308.0	313.0	321.4	335.2	354.8	368.4	353.5
32.5°	304.2	304.8	303.8	301.8	303.8	304.8	304.2	302.8	300.3	312.1	342.1
30°	343.5	349.1	349.8	349.4	349.8	349.1	343.5	331.7	315.9	307.7	303.6
27.5°	428.8	443.1	447.6	456.4	447.6	443.1	428.8	402.7	367.4	344.1	316.7
25°	541.3	562.9	573.3	577.1	573.3	562.9	541.3	508.4	465.8	417.0	364.8
22.5°	641.3	657.8	667.4	675.6	667.4	657.8	641.3	616.5	572.5	513.6	450.2
20°	759.8	789.9	803.7	804.8	803.7	789.9	759.8	708.5	664.5	611.8	541.0
17.5°	944.8	1003.4	1032.6	1040.9	1032.6	1003.4	944.8	862.0	784.5	693.5	626.6
15°	1236.7	1386.1	1463.0	1499.4	1463.0	1386.1	1236.7	1075.1	943.2	812.7	692.1
12.5°	1712.8	2049.8	2322.3	2424.9	2322.3	2049.8	1712.8	1418.8	1132.5	941.9	782.2
10°	2656.2	3662.5	4838.1	5386.6	4838.1	3662.5	2656.2	1874.1	1423.2	1073.2	862.5
7.5°	5138.7	11931.1	23124.4	28463.9	23124.4	11931.1	5138.7	2682.4	1722.3	1242.2	948.4
5°	10953.2	47270.8	84656.0	99435.8	84656.0	47270.8	10953.2	3732.4	2091.9	1407.7	1010.9
2.5°	17446.2	77530.2	146287.1	171052.5	146287.1	77530.2	17446.2	4907.9	2435.3	1512.3	1055.9
0°	20844.7	81702.6	161424.6	186135.3	161424.6	81702.6	20844.7	5065.7	2562.0	1543.9	1069.5
-2.5°	17446.2	77530.2	146287.1	171052.5	146287.1	77530.2	17446.2	4907.9	2435.3	1512.3	1055.9
-5°	10953.2	47270.8	84656.0	99435.8	84656.0	47270.8	10953.2	3732.4	2091.9	1407.7	1010.9
-7.5°	5138.7	11931.1	23124.4	28463.9	23124.4	11931.1	5138.7	2682.4	1722.3	1242.2	948.4
-10°	2656.2	3662.5	4838.1	5386.6	4838.1	3662.5	2656.2	1874.1	1423.2	1073.2	862.5
-12.5°	1712.8	2049.8	2322.3	2424.9	2322.3	2049.8	1712.8	1418.8	1132.5	941.9	782.2
-15°	1236.7	1386.1	1463.0	1499.4	1463.0	1386.1	1236.7	1075.1	943.2	812.7	692.1
-17.5°	944.8	1003.4	1032.6	1040.9	1032.6	1003.4	944.8	862.0	784.5	693.5	626.6
-20°	759.8	789.9	803.7	804.8	803.7	789.9	759.8	708.5	664.5	611.8	541.0



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	641.3	657.8	667.4	675.6	667.4	657.8	641.3	616.5	572.5	513.6	450.2
-25°	541.3	562.9	573.3	577.1	573.3	562.9	541.3	508.4	465.8	417.0	364.8
-27.5°	428.8	443.1	447.6	456.4	447.6	443.1	428.8	402.7	367.4	344.1	316.7
-30°	343.5	349.1	349.8	349.4	349.8	349.1	343.5	331.7	315.9	307.7	303.6
-32.5°	304.2	304.8	303.8	301.8	303.8	304.8	304.2	302.8	300.3	312.1	342.1
-35°	321.4	313.0	308.0	306.0	308.0	313.0	321.4	335.2	354.8	368.4	353.5
-37.5°	374.0	386.8	397.5	403.4	397.5	386.8	374.0	361.4	349.4	332.9	320.7
-40°	348.2	359.7	370.7	382.3	370.7	359.7	348.2	335.8	322.8	308.1	295.3
-42.5°	324.0	332.3	338.5	339.9	338.5	332.3	324.0	316.1	304.5	290.1	273.8
-45°	306.0	310.0	313.0	315.5	313.0	310.0	306.0	300.6	288.5	273.6	258.1
-47.5°	286.8	294.2	298.1	298.6	298.1	294.2	286.8	277.5	264.6	249.5	234.3
-50°	255.4	266.8	272.4	273.2	272.4	266.8	255.4	241.8	226.2	209.9	192.8
-52.5°	212.0	224.6	229.9	229.8	229.9	224.6	212.0	197.8	182.9	171.0	158.3
-55°	179.6	193.3	197.9	197.0	197.9	193.3	179.6	164.9	149.6	140.6	131.1
-57.5°	154.0	167.7	170.2	167.3	170.2	167.7	154.0	139.9	125.1	117.5	110.1
-60°	135.6	148.6	150.6	148.2	150.6	148.6	135.6	122.3	108.6	101.0	94.7
-62.5°	126.7	139.0	141.6	141.9	141.6	139.0	126.7	113.6	98.9	89.5	83.3
-65°	140.9	161.5	169.7	175.8	169.7	161.5	140.9	119.4	96.2	81.3	74.0
-67.5°	158.2	192.3	203.2	208.6	203.2	192.3	158.2	125.4	95.1	75.9	66.9
-70°	102.6	114.6	114.2	111.2	114.2	114.6	102.6	90.7	79.4	68.7	58.1
-72.5°	62.7	65.7	65.0	63.5	65.0	65.7	62.7	59.3	55.9	51.1	43.2
-75°	37.6	38.8	38.1	37.1	38.1	38.8	37.6	36.2	34.6	32.5	28.4
-77.5°	23.3	24.1	23.3	22.2	23.3	24.1	23.3	22.3	21.4	20.1	17.9
-80°	11.3	11.5	11.1	10.6	11.1	11.5	11.3	11.1	10.9	10.5	9.5
-82.5°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9
-85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
82.5°	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5	2.3
80°	8.6	7.6	6.9	6.7	6.4	6.1	5.6	5.0	4.5	4.1	3.8
77.5°	15.6	13.5	11.9	11.6	11.3	10.8	10.1	9.0	8.1	7.2	6.5
75°	24.4	20.7	18.2	17.9	17.5	16.9	16.0	14.6	13.2	11.6	10.2
72.5°	35.9	29.1	25.3	25.0	24.5	24.0	23.2	22.0	20.1	17.6	15.4
70°	47.8	38.0	33.5	33.0	32.5	31.8	30.9	30.0	29.0	27.2	23.7
67.5°	57.2	46.7	42.9	42.4	41.8	40.9	39.1	37.6	36.3	34.8	31.3
65°	65.9	56.9	55.2	54.8	53.9	52.2	48.1	45.1	42.9	41.0	37.3
62.5°	76.5	69.2	69.1	68.5	67.4	64.9	59.5	54.6	50.1	46.3	43.1
60°	88.0	82.2	82.0	81.4	80.6	77.6	71.8	65.5	58.7	54.4	50.1
57.5°	102.3	97.1	96.1	94.7	92.9	88.4	83.0	77.3	70.5	64.3	58.4
55°	121.2	116.1	113.3	110.0	106.6	100.3	93.7	87.1	81.1	75.6	68.8
52.5°	145.5	140.0	134.6	128.5	122.2	113.8	105.4	98.0	91.1	85.1	78.7
50°	177.5	169.8	161.1	152.3	142.0	129.8	119.3	109.9	102.2	95.0	87.8
47.5°	218.7	206.5	193.0	181.1	166.4	150.9	137.1	123.7	114.9	105.3	97.3
45°	248.3	241.2	232.3	215.2	195.8	177.9	158.8	143.5	129.4	118.1	106.8
42.5°	268.7	263.5	256.3	245.3	230.9	208.8	186.6	166.4	148.1	132.4	118.2
40°	287.3	279.3	272.8	265.2	253.4	239.8	217.5	192.1	170.0	149.7	129.6
37.5°	309.2	297.6	289.0	279.8	270.6	258.6	244.2	221.6	193.4	167.8	143.6
35°	336.6	322.1	308.9	297.2	285.5	273.3	260.8	245.7	219.9	187.6	158.5
32.5°	371.3	353.1	335.2	319.0	301.0	286.2	273.3	260.0	242.8	209.9	176.5
30°	317.5	357.5	365.6	343.1	319.5	299.2	284.3	271.0	255.0	232.6	194.5
27.5°	308.6	306.2	350.5	368.3	339.3	314.7	296.0	280.7	266.3	246.7	215.2
25°	333.8	313.3	309.1	349.7	363.1	332.4	309.9	291.6	274.9	258.3	239.6
22.5°	383.1	341.5	314.7	309.2	359.4	355.4	326.6	303.0	284.9	274.4	256.6
20°	464.0	386.7	338.8	315.2	325.8	376.8	343.6	318.5	301.9	289.2	272.3
17.5°	545.0	458.0	375.2	327.6	316.2	352.3	364.0	337.3	316.7	304.4	287.9
15°	618.7	524.2	431.0	359.4	322.1	328.7	381.8	354.6	330.6	318.5	300.7
12.5°	666.2	582.6	481.9	387.7	332.4	320.4	371.6	370.1	345.2	326.7	309.0
10°	710.3	623.5	525.4	426.8	354.5	325.1	356.4	382.8	356.9	333.3	315.6
7.5°	764.0	648.2	557.8	456.8	369.1	327.1	344.7	394.3	367.6	340.1	320.8
5°	797.1	665.3	577.0	474.2	375.8	327.0	335.9	404.6	377.1	346.5	324.7
2.5°	817.7	674.8	586.4	483.5	377.6	325.3	332.0	414.1	386.5	350.3	325.7
0°	820.6	673.5	591.9	487.1	377.0	321.9	334.6	422.5	395.0	352.6	326.1
-2.5°	817.7	674.8	586.4	483.5	377.6	325.3	332.0	414.1	386.5	350.3	325.7
-5°	797.1	665.3	577.0	474.2	375.8	327.0	335.9	404.6	377.1	346.5	324.7
-7.5°	764.0	648.2	557.8	456.8	369.1	327.1	344.7	394.3	367.6	340.1	320.8
-10°	710.3	623.5	525.4	426.8	354.5	325.1	356.4	382.8	356.9	333.3	315.6
-12.5°	666.2	582.6	481.9	387.7	332.4	320.4	371.6	370.1	345.2	326.7	309.0
-15°	618.7	524.2	431.0	359.4	322.1	328.7	381.8	354.6	330.6	318.5	300.7
-17.5°	545.0	458.0	375.2	327.6	316.2	352.3	364.0	337.3	316.7	304.4	287.9
-20°	464.0	386.7	338.8	315.2	325.8	376.8	343.6	318.5	301.9	289.2	272.3



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	383.1	341.5	314.7	309.2	359.4	355.4	326.6	303.0	284.9	274.4	256.6
-25°	333.8	313.3	309.1	349.7	363.1	332.4	309.9	291.6	274.9	258.3	239.6
-27.5°	308.6	306.2	350.5	368.3	339.3	314.7	296.0	280.7	266.3	246.7	215.2
-30°	317.5	357.5	365.6	343.1	319.5	299.2	284.3	271.0	255.0	232.6	194.5
-32.5°	371.3	353.1	335.2	319.0	301.0	286.2	273.3	260.0	242.8	209.9	176.5
-35°	336.6	322.1	308.9	297.2	285.5	273.3	260.8	245.7	219.9	187.6	158.5
-37.5°	309.2	297.6	289.0	279.8	270.6	258.6	244.2	221.6	193.4	167.8	143.6
-40°	287.3	279.3	272.8	265.2	253.4	239.8	217.5	192.1	170.0	149.7	129.6
-42.5°	268.7	263.5	256.3	245.3	230.9	208.8	186.6	166.4	148.1	132.4	118.2
-45°	248.3	241.2	232.3	215.2	195.8	177.9	158.8	143.5	129.4	118.1	106.8
-47.5°	218.7	206.5	193.0	181.1	166.4	150.9	137.1	123.7	114.9	105.3	97.3
-50°	177.5	169.8	161.1	152.3	142.0	129.8	119.3	109.9	102.2	95.0	87.8
-52.5°	145.5	140.0	134.6	128.5	122.2	113.8	105.4	98.0	91.1	85.1	78.7
-55°	121.2	116.1	113.3	110.0	106.6	100.3	93.7	87.1	81.1	75.6	68.8
-57.5°	102.3	97.1	96.1	94.7	92.9	88.4	83.0	77.3	70.5	64.3	58.4
-60°	88.0	82.2	82.0	81.4	80.6	77.6	71.8	65.5	58.7	54.4	50.1
-62.5°	76.5	69.2	69.1	68.5	67.4	64.9	59.5	54.6	50.1	46.3	43.1
-65°	65.9	56.9	55.2	54.8	53.9	52.2	48.1	45.1	42.9	41.0	37.3
-67.5°	57.2	46.7	42.9	42.4	41.8	40.9	39.1	37.6	36.3	34.8	31.3
-70°	47.8	38.0	33.5	33.0	32.5	31.8	30.9	30.0	29.0	27.2	23.7
-72.5°	35.9	29.1	25.3	25.0	24.5	24.0	23.2	22.0	20.1	17.6	15.4
-75°	24.4	20.7	18.2	17.9	17.5	16.9	16.0	14.6	13.2	11.6	10.2
-77.5°	15.6	13.5	11.9	11.6	11.3	10.8	10.1	9.0	8.1	7.2	6.5
-80°	8.6	7.6	6.9	6.7	6.4	6.1	5.6	5.0	4.5	4.1	3.8
-82.5°	3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.9	2.7	2.5	2.3
-85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6
85°	1.5	1.4	1.3	1.3	1.4	1.6	1.7	1.8	1.6	1.4	1.3
82.5°	2.1	2.0	1.9	1.8	1.8	1.9	2.0	2.1	2.1	2.1	1.9
80°	3.6	3.3	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	5.9	5.2	4.3	3.9	3.5	3.1	2.7	2.3	2.1	2.1	2.1
75°	9.1	8.3	7.4	6.4	5.2	4.1	3.7	3.2	2.8	2.2	2.1
72.5°	14.0	12.5	11.0	9.2	7.7	6.3	5.1	4.1	3.7	3.1	2.3
70°	20.3	17.4	15.4	13.1	10.7	8.6	7.0	5.8	4.6	4.0	3.2
67.5°	27.5	23.5	20.2	17.1	14.2	11.5	9.0	7.6	6.4	4.9	4.1
65°	33.1	29.0	25.0	21.4	17.8	14.6	11.7	9.7	8.1	6.6	4.9
62.5°	38.9	34.0	29.7	25.6	21.6	17.8	14.4	12.5	10.0	8.2	6.2
60°	45.5	40.5	34.5	29.9	25.4	21.1	17.7	15.3	12.7	9.8	7.7
57.5°	53.4	47.7	40.9	34.5	29.3	24.5	21.2	18.4	15.4	12.1	9.2
55°	61.9	55.3	47.1	39.8	33.4	28.0	25.0	21.9	18.2	14.5	10.7
52.5°	71.5	62.7	53.6	45.1	37.7	32.1	29.3	25.4	21.4	17.0	13.1
50°	80.6	70.6	60.3	50.8	41.9	37.3	33.9	29.6	24.7	19.7	15.7
47.5°	88.1	77.7	67.2	56.4	46.8	43.0	39.2	34.1	28.1	22.7	18.3
45°	95.8	84.3	73.5	62.5	53.5	49.4	44.9	38.7	32.3	26.3	21.0
42.5°	103.4	91.1	79.2	68.2	61.2	55.9	51.0	44.2	36.6	30.1	24.1
40°	113.0	98.0	84.7	74.9	68.7	62.4	57.0	50.0	41.1	34.2	27.5
37.5°	122.4	105.8	90.9	82.2	75.8	69.0	62.7	56.0	46.8	39.0	31.0
35°	134.6	114.1	99.6	89.9	82.3	75.4	68.4	61.8	53.4	43.8	34.5
32.5°	146.2	124.5	109.6	97.6	88.5	81.5	74.0	69.1	60.2	48.6	38.1
30°	161.9	138.3	119.4	105.0	94.6	86.9	80.9	77.3	67.2	53.5	41.8
27.5°	181.3	151.9	129.4	113.1	101.0	92.4	90.2	86.3	74.5	58.8	45.8
25°	201.0	168.0	141.5	121.4	107.0	101.6	99.3	96.0	82.0	64.7	49.8
22.5°	222.7	184.3	153.1	129.2	117.3	110.4	108.1	104.3	89.9	70.6	53.7
20°	243.8	199.8	165.1	142.1	128.4	119.9	116.2	112.4	98.2	76.5	57.4
17.5°	263.0	217.2	181.9	156.3	139.6	129.2	124.1	120.4	106.7	82.3	61.1
15°	275.8	235.9	197.6	169.6	150.4	138.2	131.8	128.2	115.3	88.0	63.8
12.5°	286.7	252.2	211.7	181.9	160.7	147.1	139.2	135.8	123.9	91.7	65.1
10°	295.8	266.2	224.4	193.3	170.6	155.6	146.4	141.3	127.2	93.5	66.3
7.5°	303.3	278.1	235.6	203.9	178.6	159.9	147.5	142.2	129.1	94.9	67.4
5°	308.5	285.1	240.9	206.6	179.2	159.6	147.5	143.0	130.5	95.9	68.1
2.5°	309.2	285.8	242.3	207.5	179.4	158.9	147.4	143.6	131.2	96.4	68.6
0°	309.2	284.8	242.5	207.5	179.0	157.8	147.2	144.0	131.3	96.4	68.8
-2.5°	309.2	285.8	242.3	207.5	179.4	158.9	147.4	143.6	131.2	96.4	68.6
-5°	308.5	285.1	240.9	206.6	179.2	159.6	147.5	143.0	130.5	95.9	68.1
-7.5°	303.3	278.1	235.6	203.9	178.6	159.9	147.5	142.2	129.1	94.9	67.4
-10°	295.8	266.2	224.4	193.3	170.6	155.6	146.4	141.3	127.2	93.5	66.3
-12.5°	286.7	252.2	211.7	181.9	160.7	147.1	139.2	135.8	123.9	91.7	65.1
-15°	275.8	235.9	197.6	169.6	150.4	138.2	131.8	128.2	115.3	88.0	63.8
-17.5°	263.0	217.2	181.9	156.3	139.6	129.2	124.1	120.4	106.7	82.3	61.1
-20°	243.8	199.8	165.1	142.1	128.4	119.9	116.2	112.4	98.2	76.5	57.4



REPORT NUMBER: P558713 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	222.7	184.3	153.1	129.2	117.3	110.4	108.1	104.3	89.9	70.6	53.7
-25°	201.0	168.0	141.5	121.4	107.0	101.6	99.3	96.0	82.0	64.7	49.8
-27.5°	181.3	151.9	129.4	113.1	101.0	92.4	90.2	86.3	74.5	58.8	45.8
-30°	161.9	138.3	119.4	105.0	94.6	86.9	80.9	77.3	67.2	53.5	41.8
-32.5°	146.2	124.5	109.6	97.6	88.5	81.5	74.0	69.1	60.2	48.6	38.1
-35°	134.6	114.1	99.6	89.9	82.3	75.4	68.4	61.8	53.4	43.8	34.5
-37.5°	122.4	105.8	90.9	82.2	75.8	69.0	62.7	56.0	46.8	39.0	31.0
-40°	113.0	98.0	84.7	74.9	68.7	62.4	57.0	50.0	41.1	34.2	27.5
-42.5°	103.4	91.1	79.2	68.2	61.2	55.9	51.0	44.2	36.6	30.1	24.1
-45°	95.8	84.3	73.5	62.5	53.5	49.4	44.9	38.7	32.3	26.3	21.0
-47.5°	88.1	77.7	67.2	56.4	46.8	43.0	39.2	34.1	28.1	22.7	18.3
-50°	80.6	70.6	60.3	50.8	41.9	37.3	33.9	29.6	24.7	19.7	15.7
-52.5°	71.5	62.7	53.6	45.1	37.7	32.1	29.3	25.4	21.4	17.0	13.1
-55°	61.9	55.3	47.1	39.8	33.4	28.0	25.0	21.9	18.2	14.5	10.7
-57.5°	53.4	47.7	40.9	34.5	29.3	24.5	21.2	18.4	15.4	12.1	9.2
-60°	45.5	40.5	34.5	29.9	25.4	21.1	17.7	15.3	12.7	9.8	7.7
-62.5°	38.9	34.0	29.7	25.6	21.6	17.8	14.4	12.5	10.0	8.2	6.2
-65°	33.1	29.0	25.0	21.4	17.8	14.6	11.7	9.7	8.1	6.6	4.9
-67.5°	27.5	23.5	20.2	17.1	14.2	11.5	9.0	7.6	6.4	4.9	4.1
-70°	20.3	17.4	15.4	13.1	10.7	8.6	7.0	5.8	4.6	4.0	3.2
-72.5°	14.0	12.5	11.0	9.2	7.7	6.3	5.1	4.1	3.7	3.1	2.3
-75°	9.1	8.3	7.4	6.4	5.2	4.1	3.7	3.2	2.8	2.2	2.1
-77.5°	5.9	5.2	4.3	3.9	3.5	3.1	2.7	2.3	2.1	2.1	2.1
-80°	3.6	3.3	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
-82.5°	2.1	2.0	1.9	1.8	1.8	1.9	2.0	2.1	2.1	2.1	1.9
-85°	1.5	1.4	1.3	1.3	1.4	1.6	1.7	1.8	1.6	1.4	1.3
-87.5°	0.7	0.7	0.7	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6
-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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
65°	3.8	2.5	2.1	2.1	1.8	0.9	0.0
62.5°	4.6	3.2	2.1	2.1	1.9	1.0	0.0
60°	5.4	3.9	2.1	2.1	2.1	1.0	0.0
57.5°	6.8	4.6	2.7	2.1	2.1	1.1	0.0
55°	8.2	5.3	3.2	2.1	2.1	1.2	0.0
52.5°	9.7	6.1	3.8	2.1	2.1	1.3	0.0
50°	11.3	7.4	4.4	2.1	2.2	1.3	0.0
47.5°	12.9	8.7	4.9	2.2	2.2	1.4	0.0
45°	15.3	10.1	5.4	2.6	2.2	1.5	0.0
42.5°	17.7	11.4	6.0	3.0	2.3	1.5	0.0
40°	20.1	12.8	6.8	3.4	2.3	1.6	0.0
37.5°	22.6	14.1	7.8	3.7	2.4	1.7	0.0
35°	25.1	15.8	8.8	4.1	2.4	1.7	0.0
32.5°	27.7	17.8	9.8	4.4	2.4	1.8	0.0
30°	30.5	19.7	10.8	4.6	2.5	1.8	0.0
27.5°	33.4	21.6	11.4	4.8	2.6	1.9	0.0
25°	36.2	23.4	11.9	5.0	2.6	1.9	0.0
22.5°	39.0	24.8	12.2	5.2	2.7	1.9	0.0
20°	41.7	25.3	12.5	5.3	2.7	2.0	0.0
17.5°	43.1	25.6	12.7	5.4	2.8	2.0	0.0
15°	43.6	25.8	12.7	5.4	2.9	2.0	0.0
12.5°	43.9	25.8	12.7	5.5	2.9	2.1	0.0
10°	44.0	25.6	12.7	5.5	3.0	2.1	0.0
7.5°	43.9	25.2	12.5	5.5	3.0	2.1	0.0
5°	43.6	24.7	12.3	5.4	3.1	2.1	0.0
2.5°	43.1	24.1	12.0	5.4	3.1	2.1	0.0
0°	42.4	23.3	11.6	5.3	3.2	2.1	0.0
-2.5°	43.1	24.1	12.0	5.4	3.1	2.1	0.0
-5°	43.6	24.7	12.3	5.4	3.1	2.1	0.0
-7.5°	43.9	25.2	12.5	5.5	3.0	2.1	0.0
-10°	44.0	25.6	12.7	5.5	3.0	2.1	0.0
-12.5°	43.9	25.8	12.7	5.5	2.9	2.1	0.0
-15°	43.6	25.8	12.7	5.4	2.9	2.0	0.0
-17.5°	43.1	25.6	12.7	5.4	2.8	2.0	0.0
-20°	41.7	25.3	12.5	5.3	2.7	2.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	39.0	24.8	12.2	5.2	2.7	1.9	0.0
-25°	36.2	23.4	11.9	5.0	2.6	1.9	0.0
-27.5°	33.4	21.6	11.4	4.8	2.6	1.9	0.0
-30°	30.5	19.7	10.8	4.6	2.5	1.8	0.0
-32.5°	27.7	17.8	9.8	4.4	2.4	1.8	0.0
-35°	25.1	15.8	8.8	4.1	2.4	1.7	0.0
-37.5°	22.6	14.1	7.8	3.7	2.4	1.7	0.0
-40°	20.1	12.8	6.8	3.4	2.3	1.6	0.0
-42.5°	17.7	11.4	6.0	3.0	2.3	1.5	0.0
-45°	15.3	10.1	5.4	2.6	2.2	1.5	0.0
-47.5°	12.9	8.7	4.9	2.2	2.2	1.4	0.0
-50°	11.3	7.4	4.4	2.1	2.2	1.3	0.0
-52.5°	9.7	6.1	3.8	2.1	2.1	1.3	0.0
-55°	8.2	5.3	3.2	2.1	2.1	1.2	0.0
-57.5°	6.8	4.6	2.7	2.1	2.1	1.1	0.0
-60°	5.4	3.9	2.1	2.1	2.1	1.0	0.0
-62.5°	4.6	3.2	2.1	2.1	1.9	1.0	0.0
-65°	3.8	2.5	2.1	2.1	1.8	0.9	0.0
-67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
-70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
-72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
-75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
-77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
-80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)