

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: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-927-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558561 (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-SA1D-927-U-TSB-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

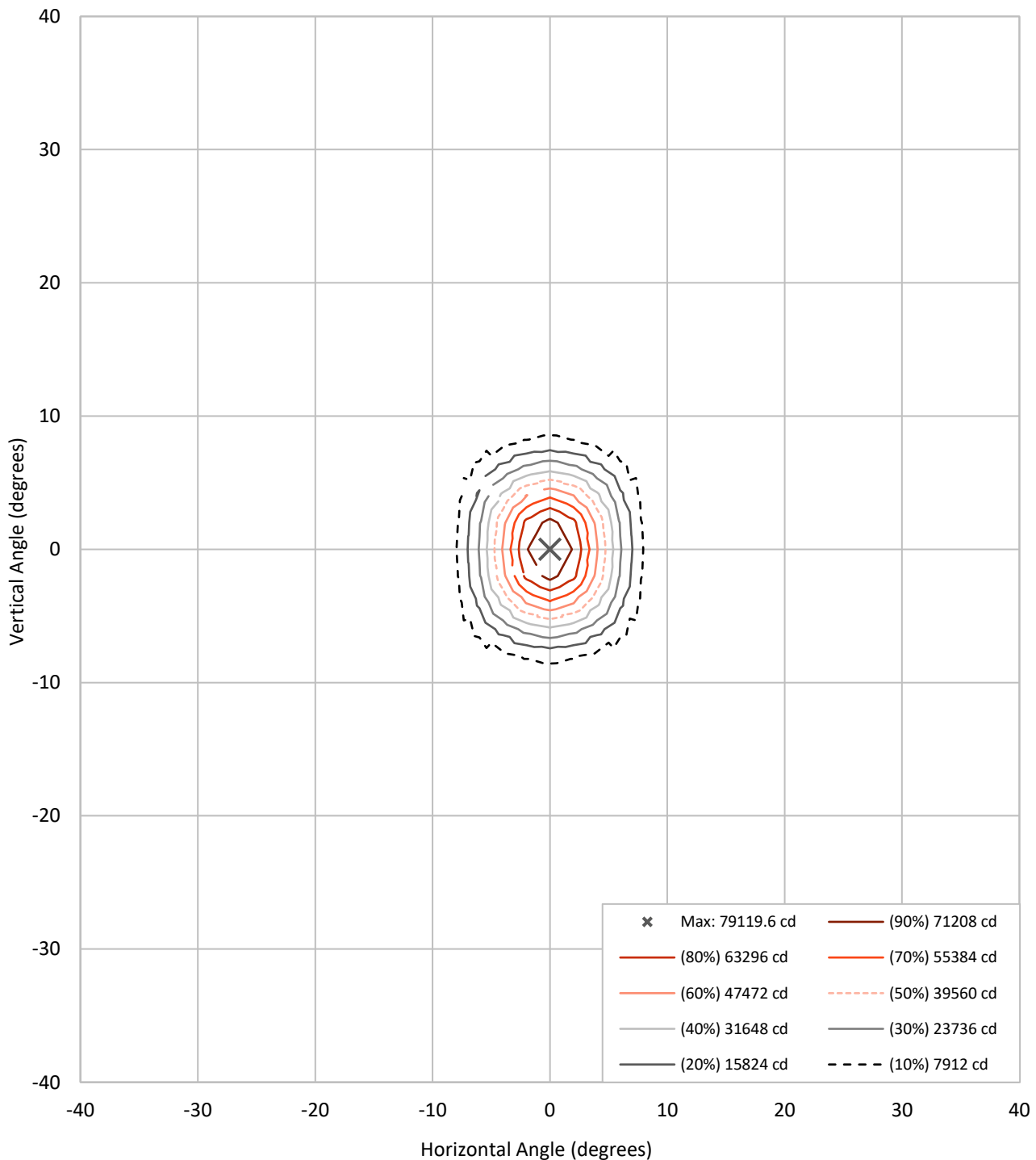
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3081.1 lumens	Max Intensity:	79119.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1320.6 lumens	Field Lumens:	2276 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 55  
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-SA1D-927-U-TSB-XX

### Iso-Candela Plot





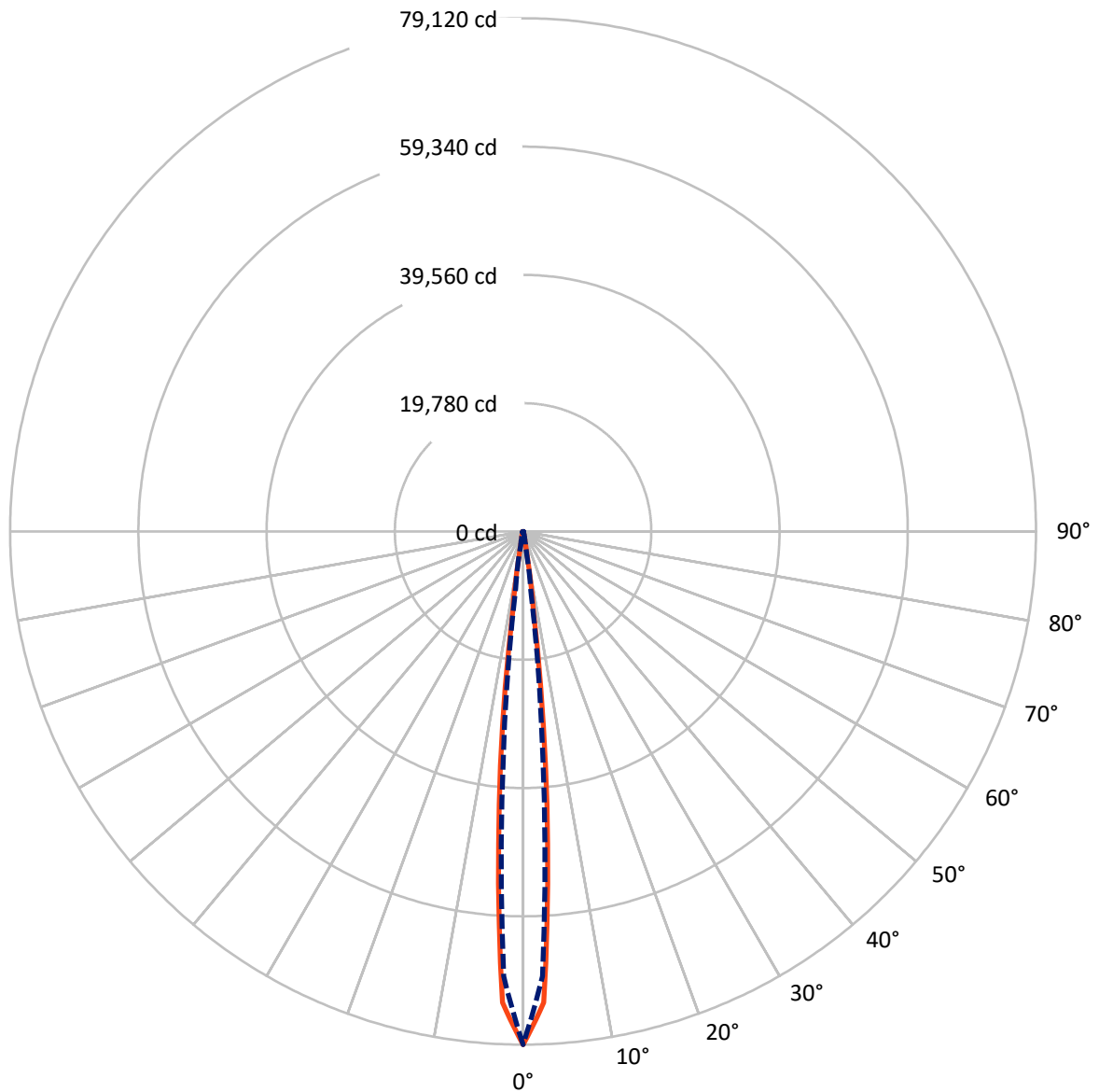
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### Lumen Table

90	0.0	0.1	0.3	0.7	1.3	0.7	0.3	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.9	1.9	1.1	0.7	0.5	0.3	0.2	0.1	0.0			
70	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.9	1.9	1.1	0.7	0.5	0.3	0.2	0.1	0.0			
60		0.1	0.3	0.6	1.0	1.4	1.8	2.5	2.5	1.8	1.4	1.0	0.6	0.3	0.1				
50	0.2	0.2	0.5	1.0	1.7	2.6	3.4	4.0	4.0	3.4	2.6	1.7	1.0	0.5	0.2	0.2			
40		0.3	0.7	1.5	2.7	3.6	4.1	4.4	4.4	4.1	3.6	2.7	1.5	0.7	0.3				
30	0.3	0.5	1.0	2.1	3.3	4.0	5.4	7.1	7.1	5.4	4.0	3.3	2.1	1.0	0.5	0.3			
20		0.7	1.3	2.7	3.7	5.2	10.6	21.2	21.2	10.6	5.2	3.7	2.7	1.3	0.7				
10	0.4	0.8	1.6	3.0	3.8	6.7	20.9	619.0	619.0	20.9	6.7	3.8	3.0	1.6	0.8	0.4			
0		0.8	1.6	3.0	3.8	6.7	20.9	619.0	619.0	20.9	6.7	3.8	3.0	1.6	0.8				
-10	0.3	0.7	1.3	2.7	3.7	5.2	10.6	21.2	21.2	10.6	5.2	3.7	2.7	1.3	0.7	0.3			
-20		0.5	1.0	2.1	3.3	4.0	5.4	7.1	7.1	5.4	4.0	3.3	2.1	1.0	0.5				
-30	0.2	0.3	0.7	1.5	2.7	3.6	4.1	4.4	4.4	4.1	3.6	2.7	1.5	0.7	0.3	0.2			
-40		0.2	0.5	1.0	1.7	2.6	3.4	4.0	4.0	3.4	2.6	1.7	1.0	0.5	0.2				
-50	0.0	0.1	0.3	0.6	1.0	1.4	1.8	2.5	2.5	1.8	1.4	1.0	0.6	0.3	0.1	0.0			
-60		0.1	0.2	0.3	0.5	0.7	1.1	1.9	1.9	1.1	0.7	0.5	0.3	0.2	0.1				
-70	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.9	1.9	1.1	0.7	0.5	0.3	0.2	0.1	0.0			
-80		0.1	0.2	0.3	0.5	0.7	1.1	1.9	1.9	1.1	0.7	0.5	0.3	0.2	0.1				
-90	0.0	0.1	0.3	0.7	1.3	0.7	0.3	0.1	0.0										

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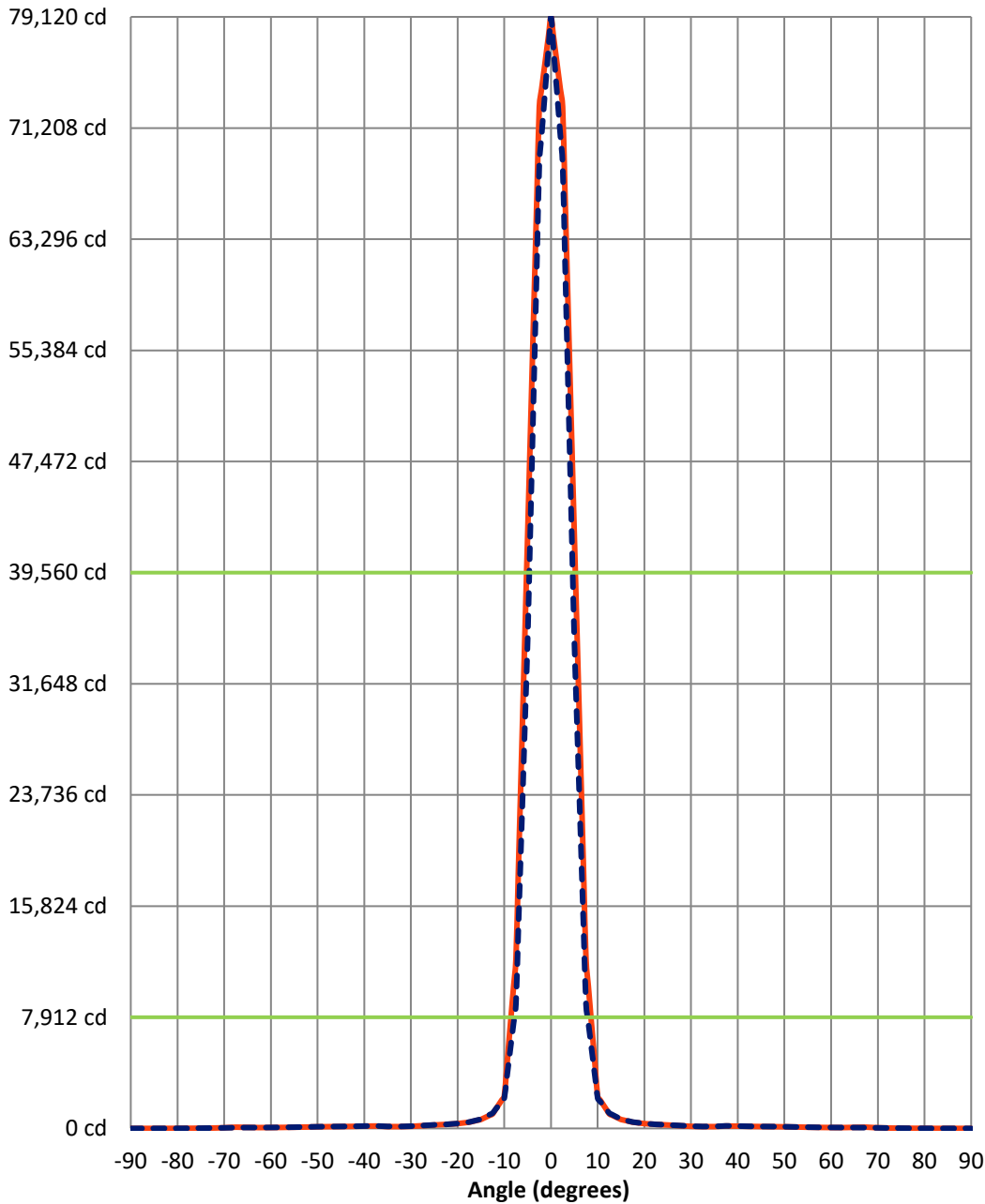
### Luminous Intensity Polar Plot



— 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: 1320.6  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 2276  
Efficiency: 73.9%

**Spill:**  
Lumens: 805.1  
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	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.4
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.6	1.8
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.4	1.7	2.0	2.5
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.3	1.8	2.1	2.7	3.2
65°	0.0	0.4	0.8	0.9	0.9	1.1	1.6	2.1	2.8	3.5	4.1
62.5°	0.0	0.4	0.8	0.9	0.9	1.4	2.0	2.7	3.5	4.3	5.3
60°	0.0	0.4	0.9	0.9	0.9	1.7	2.3	3.3	4.1	5.4	6.5
57.5°	0.0	0.5	0.9	0.9	1.1	2.0	2.9	3.9	5.1	6.5	7.9
55°	0.0	0.5	0.9	0.9	1.4	2.3	3.5	4.6	6.2	7.7	9.3
52.5°	0.0	0.5	0.9	0.9	1.6	2.6	4.2	5.6	7.2	9.1	10.8
50°	0.0	0.6	0.9	0.9	1.9	3.2	4.8	6.7	8.3	10.5	12.6
47.5°	0.0	0.6	0.9	0.9	2.1	3.7	5.5	7.8	9.6	12.0	14.5
45°	0.0	0.6	1.0	1.1	2.3	4.3	6.5	8.9	11.2	13.8	16.5
42.5°	0.0	0.7	1.0	1.3	2.5	4.9	7.5	10.3	12.8	15.6	18.8
40°	0.0	0.7	1.0	1.4	2.9	5.4	8.6	11.7	14.6	17.5	21.3
37.5°	0.0	0.7	1.0	1.6	3.3	6.0	9.6	13.2	16.6	19.9	23.8
35°	0.0	0.7	1.0	1.7	3.7	6.8	10.7	14.7	18.6	22.7	26.3
32.5°	0.0	0.8	1.1	1.9	4.2	7.6	11.8	16.2	20.7	25.6	29.4
30°	0.0	0.8	1.1	2.0	4.6	8.4	13.0	17.8	22.8	28.6	32.9
27.5°	0.0	0.8	1.1	2.1	4.9	9.2	14.2	19.5	25.0	31.7	36.7
25°	0.0	0.8	1.1	2.1	5.1	10.0	15.4	21.2	27.5	34.9	40.8
22.5°	0.0	0.8	1.2	2.2	5.2	10.6	16.6	22.8	30.1	38.2	44.4
20°	0.0	0.8	1.2	2.3	5.3	10.8	17.7	24.5	32.6	41.8	47.8
17.5°	0.0	0.9	1.2	2.3	5.4	10.9	18.3	26.0	35.0	45.4	51.2
15°	0.0	0.9	1.2	2.3	5.5	11.0	18.5	27.1	37.4	49.0	54.5
12.5°	0.0	0.9	1.3	2.3	5.5	11.0	18.7	27.7	39.0	52.7	57.8
10°	0.0	0.9	1.3	2.4	5.4	10.9	18.7	28.2	39.8	54.1	60.1
7.5°	0.0	0.9	1.3	2.4	5.4	10.7	18.7	28.7	40.4	54.9	60.5
5°	0.0	0.9	1.4	2.3	5.3	10.5	18.5	29.0	40.8	55.5	60.8
2.5°	0.0	0.9	1.4	2.3	5.1	10.2	18.3	29.2	41.0	55.8	61.1
0°	0.0	0.9	1.4	2.3	5.0	9.9	18.0	29.3	41.0	55.8	61.2
-2.5°	0.0	0.9	1.4	2.3	5.1	10.2	18.3	29.2	41.0	55.8	61.1
-5°	0.0	0.9	1.4	2.3	5.3	10.5	18.5	29.0	40.8	55.5	60.8
-7.5°	0.0	0.9	1.3	2.4	5.4	10.7	18.7	28.7	40.4	54.9	60.5
-10°	0.0	0.9	1.3	2.4	5.4	10.9	18.7	28.2	39.8	54.1	60.1
-12.5°	0.0	0.9	1.3	2.3	5.5	11.0	18.7	27.7	39.0	52.7	57.8
-15°	0.0	0.9	1.2	2.3	5.5	11.0	18.5	27.1	37.4	49.0	54.5
-17.5°	0.0	0.9	1.2	2.3	5.4	10.9	18.3	26.0	35.0	45.4	51.2
-20°	0.0	0.8	1.2	2.3	5.3	10.8	17.7	24.5	32.6	41.8	47.8



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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	0.8	1.2	2.2	5.2	10.6	16.6	22.8	30.1	38.2	44.4
-25°	0.0	0.8	1.1	2.1	5.1	10.0	15.4	21.2	27.5	34.9	40.8
-27.5°	0.0	0.8	1.1	2.1	4.9	9.2	14.2	19.5	25.0	31.7	36.7
-30°	0.0	0.8	1.1	2.0	4.6	8.4	13.0	17.8	22.8	28.6	32.9
-32.5°	0.0	0.8	1.1	1.9	4.2	7.6	11.8	16.2	20.7	25.6	29.4
-35°	0.0	0.7	1.0	1.7	3.7	6.8	10.7	14.7	18.6	22.7	26.3
-37.5°	0.0	0.7	1.0	1.6	3.3	6.0	9.6	13.2	16.6	19.9	23.8
-40°	0.0	0.7	1.0	1.4	2.9	5.4	8.6	11.7	14.6	17.5	21.3
-42.5°	0.0	0.7	1.0	1.3	2.5	4.9	7.5	10.3	12.8	15.6	18.8
-45°	0.0	0.6	1.0	1.1	2.3	4.3	6.5	8.9	11.2	13.8	16.5
-47.5°	0.0	0.6	0.9	0.9	2.1	3.7	5.5	7.8	9.6	12.0	14.5
-50°	0.0	0.6	0.9	0.9	1.9	3.2	4.8	6.7	8.3	10.5	12.6
-52.5°	0.0	0.5	0.9	0.9	1.6	2.6	4.2	5.6	7.2	9.1	10.8
-55°	0.0	0.5	0.9	0.9	1.4	2.3	3.5	4.6	6.2	7.7	9.3
-57.5°	0.0	0.5	0.9	0.9	1.1	2.0	2.9	3.9	5.1	6.5	7.9
-60°	0.0	0.4	0.9	0.9	0.9	1.7	2.3	3.3	4.1	5.4	6.5
-62.5°	0.0	0.4	0.8	0.9	0.9	1.4	2.0	2.7	3.5	4.3	5.3
-65°	0.0	0.4	0.8	0.9	0.9	1.1	1.6	2.1	2.8	3.5	4.1
-67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.3	1.8	2.1	2.7	3.2
-70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.4	1.7	2.0	2.5
-72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.6	1.8
-75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.4
-77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
-80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
-85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
-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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 CATALOG NUMBER: GFLD-SA1D-927-U-TSB-XX

**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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2
80°	0.9	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.2
77.5°	1.2	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.1	3.4	3.8
75°	1.6	1.8	2.2	2.7	3.2	3.5	3.9	4.3	5.0	5.6	6.2
72.5°	2.2	2.7	3.3	4.0	4.7	5.4	6.0	6.6	7.5	8.6	9.4
70°	3.0	3.7	4.6	5.6	6.6	7.4	8.6	10.1	11.6	12.3	12.8
67.5°	3.8	4.9	6.1	7.3	8.6	10.0	11.7	13.3	14.8	15.5	16.0
65°	5.0	6.2	7.6	9.1	10.6	12.3	14.1	15.9	17.5	18.2	19.2
62.5°	6.1	7.6	9.2	10.9	12.6	14.4	16.6	18.3	19.7	21.3	23.2
60°	7.6	9.0	10.8	12.7	14.7	17.2	19.3	21.3	23.2	25.0	27.9
57.5°	9.0	10.5	12.5	14.7	17.4	20.3	22.7	24.9	27.4	30.0	32.9
55°	10.7	11.9	14.2	16.9	20.0	23.5	26.3	29.3	32.2	34.5	37.1
52.5°	12.5	13.7	16.0	19.2	22.8	26.7	30.4	33.5	36.2	38.8	41.7
50°	14.5	15.9	17.8	21.6	25.6	30.0	34.3	37.3	40.4	43.5	46.7
47.5°	16.7	18.3	19.9	24.0	28.6	33.0	37.5	41.4	44.8	48.9	52.6
45°	19.1	21.0	22.8	26.6	31.3	35.8	40.7	45.5	50.2	55.0	61.0
42.5°	21.7	23.8	26.0	29.0	33.7	38.7	44.0	50.3	56.3	62.9	70.7
40°	24.2	26.5	29.2	31.9	36.1	41.7	48.1	55.1	63.6	72.2	81.7
37.5°	26.7	29.4	32.2	35.0	38.7	45.0	52.1	61.0	71.3	82.2	94.2
35°	29.1	32.1	35.0	38.2	42.4	48.5	57.2	67.4	79.7	93.5	104.4
32.5°	31.5	34.6	37.6	41.5	46.6	52.9	62.2	75.0	89.2	103.2	110.5
30°	34.4	37.0	40.2	44.6	50.8	58.8	68.8	82.7	98.8	108.4	115.2
27.5°	38.4	39.3	42.9	48.1	55.0	64.5	77.0	91.4	104.8	113.2	119.3
25°	42.3	43.2	45.5	51.6	60.1	71.4	85.4	101.8	109.8	116.9	123.9
22.5°	46.0	46.9	49.9	54.9	65.1	78.3	94.7	109.0	116.6	121.1	128.8
20°	49.4	51.0	54.6	60.4	70.2	84.9	103.6	115.7	122.9	128.3	135.4
17.5°	52.8	54.9	59.4	66.4	77.3	92.3	111.8	122.3	129.4	134.6	143.4
15°	56.0	58.8	63.9	72.1	84.0	100.3	117.2	127.8	135.4	140.5	150.7
12.5°	59.2	62.5	68.3	77.3	90.0	107.2	121.9	131.3	138.9	146.8	157.3
10°	62.2	66.2	72.5	82.2	95.4	113.2	125.7	134.2	141.7	151.7	162.7
7.5°	62.7	68.0	75.9	86.7	100.1	118.2	128.9	136.4	144.5	156.3	167.6
5°	62.7	67.9	76.2	87.8	102.4	121.2	131.1	138.0	147.3	160.3	172.0
2.5°	62.7	67.6	76.3	88.2	103.0	121.5	131.4	138.4	148.9	164.3	176.0
0°	62.6	67.1	76.1	88.2	103.1	121.1	131.4	138.6	149.9	167.9	179.6
-2.5°	62.7	67.6	76.3	88.2	103.0	121.5	131.4	138.4	148.9	164.3	176.0
-5°	62.7	67.9	76.2	87.8	102.4	121.2	131.1	138.0	147.3	160.3	172.0
-7.5°	62.7	68.0	75.9	86.7	100.1	118.2	128.9	136.4	144.5	156.3	167.6
-10°	62.2	66.2	72.5	82.2	95.4	113.2	125.7	134.2	141.7	151.7	162.7
-12.5°	59.2	62.5	68.3	77.3	90.0	107.2	121.9	131.3	138.9	146.8	157.3
-15°	56.0	58.8	63.9	72.1	84.0	100.3	117.2	127.8	135.4	140.5	150.7
-17.5°	52.8	54.9	59.4	66.4	77.3	92.3	111.8	122.3	129.4	134.6	143.4
-20°	49.4	51.0	54.6	60.4	70.2	84.9	103.6	115.7	122.9	128.3	135.4



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	46.0	46.9	49.9	54.9	65.1	78.3	94.7	109.0	116.6	121.1	128.8
-25°	42.3	43.2	45.5	51.6	60.1	71.4	85.4	101.8	109.8	116.9	123.9
-27.5°	38.4	39.3	42.9	48.1	55.0	64.5	77.0	91.4	104.8	113.2	119.3
-30°	34.4	37.0	40.2	44.6	50.8	58.8	68.8	82.7	98.8	108.4	115.2
-32.5°	31.5	34.6	37.6	41.5	46.6	52.9	62.2	75.0	89.2	103.2	110.5
-35°	29.1	32.1	35.0	38.2	42.4	48.5	57.2	67.4	79.7	93.5	104.4
-37.5°	26.7	29.4	32.2	35.0	38.7	45.0	52.1	61.0	71.3	82.2	94.2
-40°	24.2	26.5	29.2	31.9	36.1	41.7	48.1	55.1	63.6	72.2	81.7
-42.5°	21.7	23.8	26.0	29.0	33.7	38.7	44.0	50.3	56.3	62.9	70.7
-45°	19.1	21.0	22.8	26.6	31.3	35.8	40.7	45.5	50.2	55.0	61.0
-47.5°	16.7	18.3	19.9	24.0	28.6	33.0	37.5	41.4	44.8	48.9	52.6
-50°	14.5	15.9	17.8	21.6	25.6	30.0	34.3	37.3	40.4	43.5	46.7
-52.5°	12.5	13.7	16.0	19.2	22.8	26.7	30.4	33.5	36.2	38.8	41.7
-55°	10.7	11.9	14.2	16.9	20.0	23.5	26.3	29.3	32.2	34.5	37.1
-57.5°	9.0	10.5	12.5	14.7	17.4	20.3	22.7	24.9	27.4	30.0	32.9
-60°	7.6	9.0	10.8	12.7	14.7	17.2	19.3	21.3	23.2	25.0	27.9
-62.5°	6.1	7.6	9.2	10.9	12.6	14.4	16.6	18.3	19.7	21.3	23.2
-65°	5.0	6.2	7.6	9.1	10.6	12.3	14.1	15.9	17.5	18.2	19.2
-67.5°	3.8	4.9	6.1	7.3	8.6	10.0	11.7	13.3	14.8	15.5	16.0
-70°	3.0	3.7	4.6	5.6	6.6	7.4	8.6	10.1	11.6	12.3	12.8
-72.5°	2.2	2.7	3.3	4.0	4.7	5.4	6.0	6.6	7.5	8.6	9.4
-75°	1.6	1.8	2.2	2.7	3.2	3.5	3.9	4.3	5.0	5.6	6.2
-77.5°	1.2	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.1	3.4	3.8
-80°	0.9	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.2
-82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2
-85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
82.5°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
80°	2.4	2.6	2.8	2.9	2.9	3.3	3.7	4.1	4.5	4.7	4.8
77.5°	4.3	4.6	4.8	5.0	5.1	5.8	6.7	7.6	8.6	9.1	9.5
75°	6.8	7.2	7.4	7.6	7.7	8.8	10.4	12.1	13.8	14.7	15.4
72.5°	9.9	10.2	10.5	10.7	10.8	12.4	15.3	18.4	21.8	23.8	25.3
70°	13.2	13.6	13.9	14.1	14.3	16.2	20.4	24.7	29.3	33.8	38.6
67.5°	16.7	17.4	17.8	18.0	18.2	19.9	24.3	28.4	32.3	40.4	53.3
65°	20.4	22.2	22.9	23.3	23.5	24.2	28.0	31.4	34.5	40.9	50.8
62.5°	25.3	27.6	28.6	29.1	29.4	29.4	32.5	35.4	38.1	42.1	48.3
60°	30.5	33.0	34.3	34.6	34.9	35.0	37.5	40.3	42.9	46.2	52.0
57.5°	35.3	37.6	39.5	40.3	40.9	41.3	43.5	46.8	49.9	53.2	59.5
55°	39.8	42.6	45.3	46.8	48.2	49.4	51.5	55.7	59.8	63.5	70.1
52.5°	44.8	48.4	52.0	54.6	57.2	59.5	61.8	67.3	72.7	77.7	84.1
50°	50.8	55.2	60.4	64.8	68.5	72.2	75.5	81.9	89.2	96.1	102.8
47.5°	58.3	64.1	70.7	77.0	82.0	87.8	92.9	99.6	106.0	112.4	117.9
45°	67.5	75.6	83.2	91.5	98.8	102.5	105.5	109.7	116.3	122.6	127.7
42.5°	79.3	88.7	98.1	104.3	108.9	112.0	114.2	116.4	123.3	129.4	134.4
40°	92.4	101.9	107.7	112.7	116.0	118.7	122.1	125.5	131.0	137.2	142.7
37.5°	103.8	109.9	115.0	118.9	122.8	126.5	131.4	136.3	141.5	148.5	153.6
35°	110.8	116.2	121.3	126.3	131.3	136.9	143.1	150.2	156.6	163.8	171.5
32.5°	116.2	121.7	127.9	135.5	142.5	150.1	157.8	165.4	173.6	182.5	192.0
30°	120.9	127.2	135.8	145.8	155.4	165.9	176.4	187.0	198.0	209.5	221.5
27.5°	125.8	133.8	144.3	156.5	169.0	182.0	195.4	209.0	223.0	237.5	252.5
25°	131.7	141.3	154.3	168.6	183.4	198.0	213.0	228.0	243.0	258.0	273.0
22.5°	138.8	151.1	162.8	181.4	199.7	218.0	236.0	254.0	272.0	290.0	308.0
20°	146.1	160.1	173.5	194.0	214.0	234.0	254.0	274.0	294.0	314.0	334.0
17.5°	154.7	169.7	184.4	207.2	229.0	251.0	273.0	295.0	317.0	339.0	361.0
15°	162.3	179.7	196.9	222.7	247.0	272.0	297.0	322.0	347.0	372.0	397.0
12.5°	158.0	176.2	195.3	224.8	251.0	278.0	305.0	332.0	359.0	386.0	413.0
10°	151.5	170.2	191.7	225.3	253.0	282.0	311.0	340.0	369.0	398.0	427.0
7.5°	146.6	166.0	189.9	223.1	253.0	284.0	315.0	346.0	377.0	408.0	439.0
5°	142.8	163.0	189.7	223.6	255.0	288.0	320.0	352.0	384.0	416.0	448.0
2.5°	141.1	163.3	190.5	225.6	259.3	294.8	328.5	362.0	396.0	430.0	464.0
0°	142.2	136.8	160.2	207.0	251.6	286.3	348.8	454.6	656.2	1089.0	2153.3
-2.5°	141.1	163.3	190.5	225.6	259.3	294.8	328.5	362.0	396.0	430.0	464.0
-5°	142.8	163.0	189.7	223.6	255.0	288.0	320.0	352.0	384.0	416.0	448.0
-7.5°	146.6	166.0	189.9	223.1	253.0	284.0	315.0	346.0	377.0	408.0	439.0
-10°	151.5	170.2	191.7	225.3	253.0	282.0	311.0	340.0	369.0	398.0	427.0
-12.5°	158.0	176.2	195.3	224.8	251.0	278.0	305.0	332.0	359.0	386.0	413.0
-15°	162.3	179.7	196.9	222.7	247.0	272.0	297.0	322.0	347.0	372.0	397.0
-17.5°	154.7	169.7	184.4	207.2	229.0	251.0	273.0	295.0	317.0	339.0	361.0
-20°	146.1	160.1	173.5	194.0	214.0	234.0	254.0	274.0	294.0	314.0	334.0



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	138.8	151.1	152.8	131.4	133.7	145.1	162.8	191.3	218.3	243.4	262.1
-25°	131.7	141.3	154.3	148.6	131.4	133.2	141.9	155.0	177.2	197.9	216.1
-27.5°	125.8	133.8	144.3	156.5	149.0	130.2	131.2	134.6	146.3	156.2	171.2
-30°	120.9	127.2	135.8	145.8	155.4	151.9	135.0	129.0	130.8	134.3	141.0
-32.5°	116.2	121.7	127.9	135.5	142.5	150.1	157.8	145.4	132.6	127.7	128.7
-35°	110.8	116.2	121.3	126.3	131.3	136.9	143.1	150.2	156.6	150.8	142.5
-37.5°	103.8	109.9	115.0	118.9	122.8	126.5	131.4	136.3	141.5	148.5	153.6
-40°	92.4	101.9	107.7	112.7	116.0	118.7	122.1	125.5	131.0	137.2	142.7
-42.5°	79.3	88.7	98.1	104.3	108.9	112.0	114.2	116.4	123.3	129.4	134.4
-45°	67.5	75.6	83.2	91.5	98.8	102.5	105.5	109.7	116.3	122.6	127.7
-47.5°	58.3	64.1	70.7	77.0	82.0	87.8	92.9	99.6	106.0	112.4	117.9
-50°	50.8	55.2	60.4	64.8	68.5	72.2	75.5	81.9	89.2	96.1	102.8
-52.5°	44.8	48.4	52.0	54.6	57.2	59.5	61.8	67.3	72.7	77.7	84.1
-55°	39.8	42.6	45.3	46.8	48.2	49.4	51.5	55.7	59.8	63.5	70.1
-57.5°	35.3	37.6	39.5	40.3	40.9	41.3	43.5	46.8	49.9	53.2	59.5
-60°	30.5	33.0	34.3	34.6	34.9	35.0	37.5	40.3	42.9	46.2	52.0
-62.5°	25.3	27.6	28.6	29.1	29.4	29.4	32.5	35.4	38.1	42.1	48.3
-65°	20.4	22.2	22.9	23.3	23.5	24.2	28.0	31.4	34.5	40.9	50.8
-67.5°	16.7	17.4	17.8	18.0	18.2	19.9	24.3	28.4	32.3	40.4	53.3
-70°	13.2	13.6	13.9	14.1	14.3	16.2	20.4	24.7	29.3	33.8	38.6
-72.5°	9.9	10.2	10.5	10.7	10.8	12.4	15.3	18.4	21.8	23.8	25.3
-75°	6.8	7.2	7.4	7.6	7.7	8.8	10.4	12.1	13.8	14.7	15.4
-77.5°	4.3	4.6	4.8	5.0	5.1	5.8	6.7	7.6	8.6	9.1	9.5
-80°	2.4	2.6	2.8	2.9	2.9	3.3	3.7	4.1	4.5	4.7	4.8
-82.5°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
80°	4.9	5.0	4.7	4.5	4.7	5.0	4.9	4.8	4.7	4.5	4.1
77.5°	9.9	10.3	9.9	9.5	9.9	10.3	9.9	9.5	9.1	8.6	7.6
75°	16.0	16.5	16.2	15.8	16.2	16.5	16.0	15.4	14.7	13.8	12.1
72.5°	26.7	28.0	27.7	27.0	27.7	28.0	26.7	25.3	23.8	21.8	18.4
70°	43.7	48.8	48.6	47.3	48.6	48.8	43.7	38.6	33.8	29.3	24.7
67.5°	67.3	81.8	86.4	88.7	86.4	81.8	67.3	53.3	40.4	32.3	28.4
65°	59.9	68.7	72.1	74.7	72.1	68.7	59.9	50.8	40.9	34.5	31.4
62.5°	53.9	59.1	60.2	60.3	60.2	59.1	53.9	48.3	42.1	38.1	35.4
60°	57.7	63.2	64.0	63.0	64.0	63.2	57.7	52.0	46.2	42.9	40.3
57.5°	65.5	71.3	72.3	71.1	72.3	71.3	65.5	59.5	53.2	49.9	46.8
55°	76.3	82.1	84.1	83.7	84.1	82.1	76.3	70.1	63.5	59.8	55.7
52.5°	90.1	95.5	97.7	97.7	97.7	95.5	90.1	84.1	77.7	72.7	67.3
50°	108.6	113.4	115.8	116.1	115.8	113.4	108.6	102.8	96.1	89.2	81.9
47.5°	121.9	125.0	126.7	126.9	126.7	125.0	121.9	117.9	112.4	106.0	99.6
45°	130.0	131.8	133.0	134.1	133.0	131.8	130.0	127.7	122.6	116.3	109.7
42.5°	137.7	141.2	143.9	144.5	143.9	141.2	137.7	134.4	129.4	123.3	116.4
40°	148.0	152.9	157.6	162.5	157.6	152.9	148.0	142.7	137.2	131.0	125.5
37.5°	159.0	164.4	169.0	171.5	169.0	164.4	159.0	153.6	148.5	141.5	136.3
35°	136.6	133.0	130.9	130.1	130.9	133.0	136.6	142.5	150.8	156.6	150.2
32.5°	129.3	129.6	129.2	128.3	129.2	129.6	129.3	128.7	127.7	132.6	145.4
30°	146.0	148.3	148.6	148.5	148.6	148.3	146.0	141.0	134.3	130.8	129.0
27.5°	182.3	188.3	190.2	194.0	190.2	188.3	182.3	171.2	156.2	146.3	134.6
25°	230.1	239.3	243.7	245.3	243.7	239.3	230.1	216.1	197.9	177.2	155.0
22.5°	272.6	279.6	283.7	287.2	283.7	279.6	272.6	262.1	243.4	218.3	191.3
20°	323.0	335.8	341.6	342.1	341.6	335.8	323.0	301.1	282.5	260.1	230.0
17.5°	401.6	426.5	438.9	442.4	438.9	426.5	401.6	366.4	333.4	294.8	266.4
15°	525.7	589.2	621.9	637.3	621.9	589.2	525.7	457.0	400.9	345.5	294.2
12.5°	728.1	871.3	987.1	1030.7	987.1	871.3	728.1	603.1	481.4	400.3	332.5
10°	1129.1	1556.8	2056.5	2289.6	2056.5	1556.8	1129.1	796.6	605.0	456.2	366.6
7.5°	2184.2	5071.4	9829.4	12099.0	9829.4	5071.4	2184.2	1140.2	732.1	528.0	403.1
5°	4655.8	20093.2	35984.4	42266.7	35984.4	20093.2	4655.8	1586.5	889.2	598.4	429.7
2.5°	7415.7	32955.4	62181.6	72708.5	62181.6	32955.4	7415.7	2086.2	1035.1	642.8	448.8
0°	8860.3	34728.9	68616.0	79119.6	68616.0	34728.9	8860.3	2153.3	1089.0	656.2	454.6
-2.5°	7415.7	32955.4	62181.6	72708.4	62181.6	32955.4	7415.7	2086.2	1035.1	642.8	448.8
-5°	4655.8	20093.2	35984.4	42266.7	35984.4	20093.2	4655.8	1586.5	889.2	598.4	429.7
-7.5°	2184.2	5071.4	9829.4	12099.0	9829.4	5071.4	2184.2	1140.2	732.1	528.0	403.1
-10°	1129.1	1556.8	2056.5	2289.6	2056.5	1556.8	1129.1	796.6	605.0	456.2	366.6
-12.5°	728.1	871.3	987.1	1030.7	987.1	871.3	728.1	603.1	481.4	400.3	332.5
-15°	525.7	589.2	621.9	637.3	621.9	589.2	525.7	457.0	400.9	345.5	294.2
-17.5°	401.6	426.5	438.9	442.4	438.9	426.5	401.6	366.4	333.4	294.8	266.4
-20°	323.0	335.8	341.6	342.1	341.6	335.8	323.0	301.1	282.5	260.1	230.0



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	272.6	279.6	283.7	287.2	283.7	279.6	272.6	262.1	243.4	218.3	191.3
-25°	230.1	239.3	243.7	245.3	243.7	239.3	230.1	216.1	197.9	177.2	155.0
-27.5°	182.3	188.3	190.2	194.0	190.2	188.3	182.3	171.2	156.2	146.3	134.6
-30°	146.0	148.3	148.6	148.5	148.6	148.3	146.0	141.0	134.3	130.8	129.0
-32.5°	129.3	129.6	129.2	128.3	129.2	129.6	129.3	128.7	127.7	132.6	145.4
-35°	136.6	133.0	130.9	130.1	130.9	133.0	136.6	142.5	150.8	156.6	150.2
-37.5°	159.0	164.4	169.0	171.5	169.0	164.4	159.0	153.6	148.5	141.5	136.3
-40°	148.0	152.9	157.6	162.5	157.6	152.9	148.0	142.7	137.2	131.0	125.5
-42.5°	137.7	141.2	143.9	144.5	143.9	141.2	137.7	134.4	129.4	123.3	116.4
-45°	130.0	131.8	133.0	134.1	133.0	131.8	130.0	127.7	122.6	116.3	109.7
-47.5°	121.9	125.0	126.7	126.9	126.7	125.0	121.9	117.9	112.4	106.0	99.6
-50°	108.6	113.4	115.8	116.1	115.8	113.4	108.6	102.8	96.1	89.2	81.9
-52.5°	90.1	95.5	97.7	97.7	97.7	95.5	90.1	84.1	77.7	72.7	67.3
-55°	76.3	82.1	84.1	83.7	84.1	82.1	76.3	70.1	63.5	59.8	55.7
-57.5°	65.5	71.3	72.3	71.1	72.3	71.3	65.5	59.5	53.2	49.9	46.8
-60°	57.7	63.2	64.0	63.0	64.0	63.2	57.7	52.0	46.2	42.9	40.3
-62.5°	53.9	59.1	60.2	60.3	60.2	59.1	53.9	48.3	42.1	38.1	35.4
-65°	59.9	68.7	72.1	74.7	72.1	68.7	59.9	50.8	40.9	34.5	31.4
-67.5°	67.3	81.8	86.4	88.7	86.4	81.8	67.3	53.3	40.4	32.3	28.4
-70°	43.7	48.8	48.6	47.3	48.6	48.8	43.7	38.6	33.8	29.3	24.7
-72.5°	26.7	28.0	27.7	27.0	27.7	28.0	26.7	25.3	23.8	21.8	18.4
-75°	16.0	16.5	16.2	15.8	16.2	16.5	16.0	15.4	14.7	13.8	12.1
-77.5°	9.9	10.3	9.9	9.5	9.9	10.3	9.9	9.5	9.1	8.6	7.6
-80°	4.9	5.0	4.7	4.5	4.7	5.0	4.9	4.8	4.7	4.5	4.1
-82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
82.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
80°	3.7	3.3	2.9	2.9	2.8	2.6	2.4	2.2	1.9	1.7	1.6
77.5°	6.7	5.8	5.1	5.0	4.8	4.6	4.3	3.8	3.4	3.1	2.8
75°	10.4	8.8	7.7	7.6	7.4	7.2	6.8	6.2	5.6	5.0	4.3
72.5°	15.3	12.4	10.8	10.7	10.5	10.2	9.9	9.4	8.6	7.5	6.6
70°	20.4	16.2	14.3	14.1	13.9	13.6	13.2	12.8	12.3	11.6	10.1
67.5°	24.3	19.9	18.2	18.0	17.8	17.4	16.7	16.0	15.5	14.8	13.3
65°	28.0	24.2	23.5	23.3	22.9	22.2	20.4	19.2	18.2	17.5	15.9
62.5°	32.5	29.4	29.4	29.1	28.6	27.6	25.3	23.2	21.3	19.7	18.3
60°	37.5	35.0	34.9	34.6	34.3	33.0	30.5	27.9	25.0	23.2	21.3
57.5°	43.5	41.3	40.9	40.3	39.5	37.6	35.3	32.9	30.0	27.4	24.9
55°	51.5	49.4	48.2	46.8	45.3	42.6	39.8	37.1	34.5	32.2	29.3
52.5°	61.8	59.5	57.2	54.6	52.0	48.4	44.8	41.7	38.8	36.2	33.5
50°	75.5	72.2	68.5	64.8	60.4	55.2	50.8	46.7	43.5	40.4	37.3
47.5°	92.9	87.8	82.0	77.0	70.7	64.1	58.3	52.6	48.9	44.8	41.4
45°	105.5	102.5	98.8	91.5	83.2	75.6	67.5	61.0	55.0	50.2	45.5
42.5°	114.2	112.0	108.9	104.3	98.1	88.7	79.3	70.7	62.9	56.3	50.3
40°	122.1	118.7	116.0	112.7	107.7	101.9	92.4	81.7	72.2	63.6	55.1
37.5°	131.4	126.5	122.8	118.9	115.0	109.9	103.8	94.2	82.2	71.3	61.0
35°	143.1	136.9	131.3	126.3	121.3	116.2	110.8	104.4	93.5	79.7	67.4
32.5°	157.8	150.1	142.5	135.5	127.9	121.7	116.2	110.5	103.2	89.2	75.0
30°	135.0	151.9	155.4	145.8	135.8	127.2	120.9	115.2	108.4	98.8	82.7
27.5°	131.2	130.2	149.0	156.5	144.3	133.8	125.8	119.3	113.2	104.8	91.4
25°	141.9	133.2	131.4	148.6	154.3	141.3	131.7	123.9	116.9	109.8	101.8
22.5°	162.8	145.1	133.7	131.4	152.8	151.1	138.8	128.8	121.1	116.6	109.0
20°	197.2	164.4	144.0	134.0	138.5	160.1	146.1	135.4	128.3	122.9	115.7
17.5°	231.7	194.7	159.5	139.2	134.4	149.7	154.7	143.4	134.6	129.4	122.3
15°	263.0	222.8	183.2	152.7	136.9	139.7	162.3	150.7	140.5	135.4	127.8
12.5°	283.2	247.6	204.8	164.8	141.3	136.2	158.0	157.3	146.8	138.9	131.3
10°	302.0	265.0	223.3	181.4	150.7	138.2	151.5	162.7	151.7	141.7	134.2
7.5°	324.7	275.5	237.1	194.2	156.9	139.0	146.6	167.6	156.3	144.5	136.4
5°	338.8	282.8	245.3	201.6	159.7	139.0	142.8	172.0	160.3	147.3	138.0
2.5°	347.5	286.8	249.3	205.6	160.5	138.3	141.1	176.0	164.3	148.9	138.4
0°	348.8	286.3	251.6	207.0	160.2	136.8	142.2	179.6	167.9	149.9	138.6
-2.5°	347.5	286.8	249.3	205.6	160.5	138.3	141.1	176.0	164.3	148.9	138.4
-5°	338.8	282.8	245.3	201.6	159.7	139.0	142.8	172.0	160.3	147.3	138.0
-7.5°	324.7	275.5	237.1	194.2	156.9	139.0	146.6	167.6	156.3	144.5	136.4
-10°	302.0	265.0	223.3	181.4	150.7	138.2	151.5	162.7	151.7	141.7	134.2
-12.5°	283.2	247.6	204.8	164.8	141.3	136.2	158.0	157.3	146.8	138.9	131.3
-15°	263.0	222.8	183.2	152.7	136.9	139.7	162.3	150.7	140.5	135.4	127.8
-17.5°	231.7	194.7	159.5	139.2	134.4	149.7	154.7	143.4	134.6	129.4	122.3
-20°	197.2	164.4	144.0	134.0	138.5	160.1	146.1	135.4	128.3	122.9	115.7



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	162.8	145.1	133.7	131.4	152.8	151.1	138.8	128.8	121.1	116.6	109.0
-25°	141.9	133.2	131.4	148.6	154.3	141.3	131.7	123.9	116.9	109.8	101.8
-27.5°	131.2	130.2	149.0	156.5	144.3	133.8	125.8	119.3	113.2	104.8	91.4
-30°	135.0	151.9	155.4	145.8	135.8	127.2	120.9	115.2	108.4	98.8	82.7
-32.5°	157.8	150.1	142.5	135.5	127.9	121.7	116.2	110.5	103.2	89.2	75.0
-35°	143.1	136.9	131.3	126.3	121.3	116.2	110.8	104.4	93.5	79.7	67.4
-37.5°	131.4	126.5	122.8	118.9	115.0	109.9	103.8	94.2	82.2	71.3	61.0
-40°	122.1	118.7	116.0	112.7	107.7	101.9	92.4	81.7	72.2	63.6	55.1
-42.5°	114.2	112.0	108.9	104.3	98.1	88.7	79.3	70.7	62.9	56.3	50.3
-45°	105.5	102.5	98.8	91.5	83.2	75.6	67.5	61.0	55.0	50.2	45.5
-47.5°	92.9	87.8	82.0	77.0	70.7	64.1	58.3	52.6	48.9	44.8	41.4
-50°	75.5	72.2	68.5	64.8	60.4	55.2	50.8	46.7	43.5	40.4	37.3
-52.5°	61.8	59.5	57.2	54.6	52.0	48.4	44.8	41.7	38.8	36.2	33.5
-55°	51.5	49.4	48.2	46.8	45.3	42.6	39.8	37.1	34.5	32.2	29.3
-57.5°	43.5	41.3	40.9	40.3	39.5	37.6	35.3	32.9	30.0	27.4	24.9
-60°	37.5	35.0	34.9	34.6	34.3	33.0	30.5	27.9	25.0	23.2	21.3
-62.5°	32.5	29.4	29.4	29.1	28.6	27.6	25.3	23.2	21.3	19.7	18.3
-65°	28.0	24.2	23.5	23.3	22.9	22.2	20.4	19.2	18.2	17.5	15.9
-67.5°	24.3	19.9	18.2	18.0	17.8	17.4	16.7	16.0	15.5	14.8	13.3
-70°	20.4	16.2	14.3	14.1	13.9	13.6	13.2	12.8	12.3	11.6	10.1
-72.5°	15.3	12.4	10.8	10.7	10.5	10.2	9.9	9.4	8.6	7.5	6.6
-75°	10.4	8.8	7.7	7.6	7.4	7.2	6.8	6.2	5.6	5.0	4.3
-77.5°	6.7	5.8	5.1	5.0	4.8	4.6	4.3	3.8	3.4	3.1	2.8
-80°	3.7	3.3	2.9	2.9	2.8	2.6	2.4	2.2	1.9	1.7	1.6
-82.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
-85°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
80°	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	2.5	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.9	0.9
75°	3.9	3.5	3.2	2.7	2.2	1.8	1.6	1.4	1.2	0.9	0.9
72.5°	6.0	5.4	4.7	4.0	3.3	2.7	2.2	1.8	1.6	1.3	1.0
70°	8.6	7.4	6.6	5.6	4.6	3.7	3.0	2.5	2.0	1.7	1.4
67.5°	11.7	10.0	8.6	7.3	6.1	4.9	3.8	3.2	2.7	2.1	1.8
65°	14.1	12.3	10.6	9.1	7.6	6.2	5.0	4.1	3.5	2.8	2.1
62.5°	16.6	14.4	12.6	10.9	9.2	7.6	6.1	5.3	4.3	3.5	2.7
60°	19.3	17.2	14.7	12.7	10.8	9.0	7.6	6.5	5.4	4.1	3.3
57.5°	22.7	20.3	17.4	14.7	12.5	10.5	9.0	7.9	6.5	5.1	3.9
55°	26.3	23.5	20.0	16.9	14.2	11.9	10.7	9.3	7.7	6.2	4.6
52.5°	30.4	26.7	22.8	19.2	16.0	13.7	12.5	10.8	9.1	7.2	5.6
50°	34.3	30.0	25.6	21.6	17.8	15.9	14.5	12.6	10.5	8.3	6.7
47.5°	37.5	33.0	28.6	24.0	19.9	18.3	16.7	14.5	12.0	9.6	7.8
45°	40.7	35.8	31.3	26.6	22.8	21.0	19.1	16.5	13.8	11.2	8.9
42.5°	44.0	38.7	33.7	29.0	26.0	23.8	21.7	18.8	15.6	12.8	10.3
40°	48.1	41.7	36.1	31.9	29.2	26.5	24.2	21.3	17.5	14.6	11.7
37.5°	52.1	45.0	38.7	35.0	32.2	29.4	26.7	23.8	19.9	16.6	13.2
35°	57.2	48.5	42.4	38.2	35.0	32.1	29.1	26.3	22.7	18.6	14.7
32.5°	62.2	52.9	46.6	41.5	37.6	34.6	31.5	29.4	25.6	20.7	16.2
30°	68.8	58.8	50.8	44.6	40.2	37.0	34.4	32.9	28.6	22.8	17.8
27.5°	77.0	64.5	55.0	48.1	42.9	39.3	38.4	36.7	31.7	25.0	19.5
25°	85.4	71.4	60.1	51.6	45.5	43.2	42.3	40.8	34.9	27.5	21.2
22.5°	94.7	78.3	65.1	54.9	49.9	46.9	46.0	44.4	38.2	30.1	22.8
20°	103.6	84.9	70.2	60.4	54.6	51.0	49.4	47.8	41.8	32.6	24.5
17.5°	111.8	92.3	77.3	66.4	59.4	54.9	52.8	51.2	45.4	35.0	26.0
15°	117.2	100.3	84.0	72.1	63.9	58.8	56.0	54.5	49.0	37.4	27.1
12.5°	121.9	107.2	90.0	77.3	68.3	62.5	59.2	57.8	52.7	39.0	27.7
10°	125.7	113.2	95.4	82.2	72.5	66.2	62.2	60.1	54.1	39.8	28.2
7.5°	128.9	118.2	100.1	86.7	75.9	68.0	62.7	60.5	54.9	40.4	28.7
5°	131.1	121.2	102.4	87.8	76.2	67.9	62.7	60.8	55.5	40.8	29.0
2.5°	131.4	121.5	103.0	88.2	76.3	67.6	62.7	61.1	55.8	41.0	29.2
0°	131.4	121.1	103.1	88.2	76.1	67.1	62.6	61.2	55.8	41.0	29.3
-2.5°	131.4	121.5	103.0	88.2	76.3	67.6	62.7	61.1	55.8	41.0	29.2
-5°	131.1	121.2	102.4	87.8	76.2	67.9	62.7	60.8	55.5	40.8	29.0
-7.5°	128.9	118.2	100.1	86.7	75.9	68.0	62.7	60.5	54.9	40.4	28.7
-10°	125.7	113.2	95.4	82.2	72.5	66.2	62.2	60.1	54.1	39.8	28.2
-12.5°	121.9	107.2	90.0	77.3	68.3	62.5	59.2	57.8	52.7	39.0	27.7
-15°	117.2	100.3	84.0	72.1	63.9	58.8	56.0	54.5	49.0	37.4	27.1
-17.5°	111.8	92.3	77.3	66.4	59.4	54.9	52.8	51.2	45.4	35.0	26.0
-20°	103.6	84.9	70.2	60.4	54.6	51.0	49.4	47.8	41.8	32.6	24.5



REPORT NUMBER: P558561 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-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°	94.7	78.3	65.1	54.9	49.9	46.9	46.0	44.4	38.2	30.1	22.8
-25°	85.4	71.4	60.1	51.6	45.5	43.2	42.3	40.8	34.9	27.5	21.2
-27.5°	77.0	64.5	55.0	48.1	42.9	39.3	38.4	36.7	31.7	25.0	19.5
-30°	68.8	58.8	50.8	44.6	40.2	37.0	34.4	32.9	28.6	22.8	17.8
-32.5°	62.2	52.9	46.6	41.5	37.6	34.6	31.5	29.4	25.6	20.7	16.2
-35°	57.2	48.5	42.4	38.2	35.0	32.1	29.1	26.3	22.7	18.6	14.7
-37.5°	52.1	45.0	38.7	35.0	32.2	29.4	26.7	23.8	19.9	16.6	13.2
-40°	48.1	41.7	36.1	31.9	29.2	26.5	24.2	21.3	17.5	14.6	11.7
-42.5°	44.0	38.7	33.7	29.0	26.0	23.8	21.7	18.8	15.6	12.8	10.3
-45°	40.7	35.8	31.3	26.6	22.8	21.0	19.1	16.5	13.8	11.2	8.9
-47.5°	37.5	33.0	28.6	24.0	19.9	18.3	16.7	14.5	12.0	9.6	7.8
-50°	34.3	30.0	25.6	21.6	17.8	15.9	14.5	12.6	10.5	8.3	6.7
-52.5°	30.4	26.7	22.8	19.2	16.0	13.7	12.5	10.8	9.1	7.2	5.6
-55°	26.3	23.5	20.0	16.9	14.2	11.9	10.7	9.3	7.7	6.2	4.6
-57.5°	22.7	20.3	17.4	14.7	12.5	10.5	9.0	7.9	6.5	5.1	3.9
-60°	19.3	17.2	14.7	12.7	10.8	9.0	7.6	6.5	5.4	4.1	3.3
-62.5°	16.6	14.4	12.6	10.9	9.2	7.6	6.1	5.3	4.3	3.5	2.7
-65°	14.1	12.3	10.6	9.1	7.6	6.2	5.0	4.1	3.5	2.8	2.1
-67.5°	11.7	10.0	8.6	7.3	6.1	4.9	3.8	3.2	2.7	2.1	1.8
-70°	8.6	7.4	6.6	5.6	4.6	3.7	3.0	2.5	2.0	1.7	1.4
-72.5°	6.0	5.4	4.7	4.0	3.3	2.7	2.2	1.8	1.6	1.3	1.0
-75°	3.9	3.5	3.2	2.7	2.2	1.8	1.6	1.4	1.2	0.9	0.9
-77.5°	2.5	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.9	0.9
-80°	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9
-82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
-85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.6	0.5
-87.5°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.3	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.6	1.1	0.9	0.9	0.8	0.4	0.0
62.5°	2.0	1.4	0.9	0.9	0.8	0.4	0.0
60°	2.3	1.7	0.9	0.9	0.9	0.4	0.0
57.5°	2.9	2.0	1.1	0.9	0.9	0.5	0.0
55°	3.5	2.3	1.4	0.9	0.9	0.5	0.0
52.5°	4.2	2.6	1.6	0.9	0.9	0.5	0.0
50°	4.8	3.2	1.9	0.9	0.9	0.6	0.0
47.5°	5.5	3.7	2.1	0.9	0.9	0.6	0.0
45°	6.5	4.3	2.3	1.1	1.0	0.6	0.0
42.5°	7.5	4.9	2.5	1.3	1.0	0.7	0.0
40°	8.6	5.4	2.9	1.4	1.0	0.7	0.0
37.5°	9.6	6.0	3.3	1.6	1.0	0.7	0.0
35°	10.7	6.8	3.7	1.7	1.0	0.7	0.0
32.5°	11.8	7.6	4.2	1.9	1.1	0.8	0.0
30°	13.0	8.4	4.6	2.0	1.1	0.8	0.0
27.5°	14.2	9.2	4.9	2.1	1.1	0.8	0.0
25°	15.4	10.0	5.1	2.1	1.1	0.8	0.0
22.5°	16.6	10.6	5.2	2.2	1.2	0.8	0.0
20°	17.7	10.8	5.3	2.3	1.2	0.8	0.0
17.5°	18.3	10.9	5.4	2.3	1.2	0.9	0.0
15°	18.5	11.0	5.5	2.3	1.2	0.9	0.0
12.5°	18.7	11.0	5.5	2.3	1.3	0.9	0.0
10°	18.7	10.9	5.4	2.4	1.3	0.9	0.0
7.5°	18.7	10.7	5.4	2.4	1.3	0.9	0.0
5°	18.5	10.5	5.3	2.3	1.4	0.9	0.0
2.5°	18.3	10.2	5.1	2.3	1.4	0.9	0.0
0°	18.0	9.9	5.0	2.3	1.4	0.9	0.0
-2.5°	18.3	10.2	5.1	2.3	1.4	0.9	0.0
-5°	18.5	10.5	5.3	2.3	1.4	0.9	0.0
-7.5°	18.7	10.7	5.4	2.4	1.3	0.9	0.0
-10°	18.7	10.9	5.4	2.4	1.3	0.9	0.0
-12.5°	18.7	11.0	5.5	2.3	1.3	0.9	0.0
-15°	18.5	11.0	5.5	2.3	1.2	0.9	0.0
-17.5°	18.3	10.9	5.4	2.3	1.2	0.9	0.0
-20°	17.7	10.8	5.3	2.3	1.2	0.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.6	10.6	5.2	2.2	1.2	0.8	0.0
-25°	15.4	10.0	5.1	2.1	1.1	0.8	0.0
-27.5°	14.2	9.2	4.9	2.1	1.1	0.8	0.0
-30°	13.0	8.4	4.6	2.0	1.1	0.8	0.0
-32.5°	11.8	7.6	4.2	1.9	1.1	0.8	0.0
-35°	10.7	6.8	3.7	1.7	1.0	0.7	0.0
-37.5°	9.6	6.0	3.3	1.6	1.0	0.7	0.0
-40°	8.6	5.4	2.9	1.4	1.0	0.7	0.0
-42.5°	7.5	4.9	2.5	1.3	1.0	0.7	0.0
-45°	6.5	4.3	2.3	1.1	1.0	0.6	0.0
-47.5°	5.5	3.7	2.1	0.9	0.9	0.6	0.0
-50°	4.8	3.2	1.9	0.9	0.9	0.6	0.0
-52.5°	4.2	2.6	1.6	0.9	0.9	0.5	0.0
-55°	3.5	2.3	1.4	0.9	0.9	0.5	0.0
-57.5°	2.9	2.0	1.1	0.9	0.9	0.5	0.0
-60°	2.3	1.7	0.9	0.9	0.9	0.4	0.0
-62.5°	2.0	1.4	0.9	0.9	0.8	0.4	0.0
-65°	1.6	1.1	0.9	0.9	0.8	0.4	0.0
-67.5°	1.3	0.9	0.9	0.9	0.7	0.3	0.0
-70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
-72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
-75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
-77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
-80°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)