

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: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-927-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

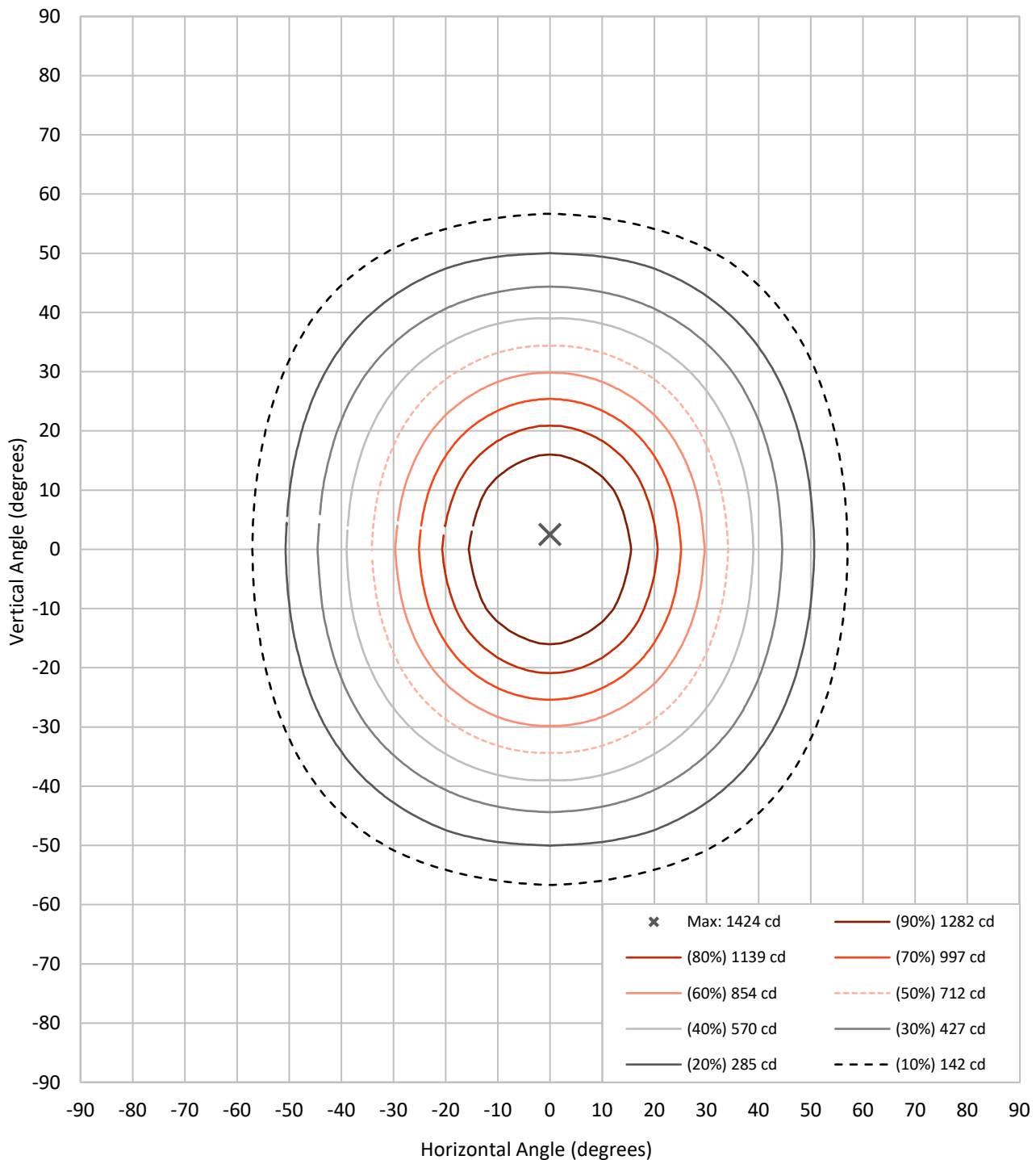
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	1927.2 lumens	Max Intensity:	1424 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	1155.5 lumens	Field Lumens:	1841 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%
Input Watts (W):	18		
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





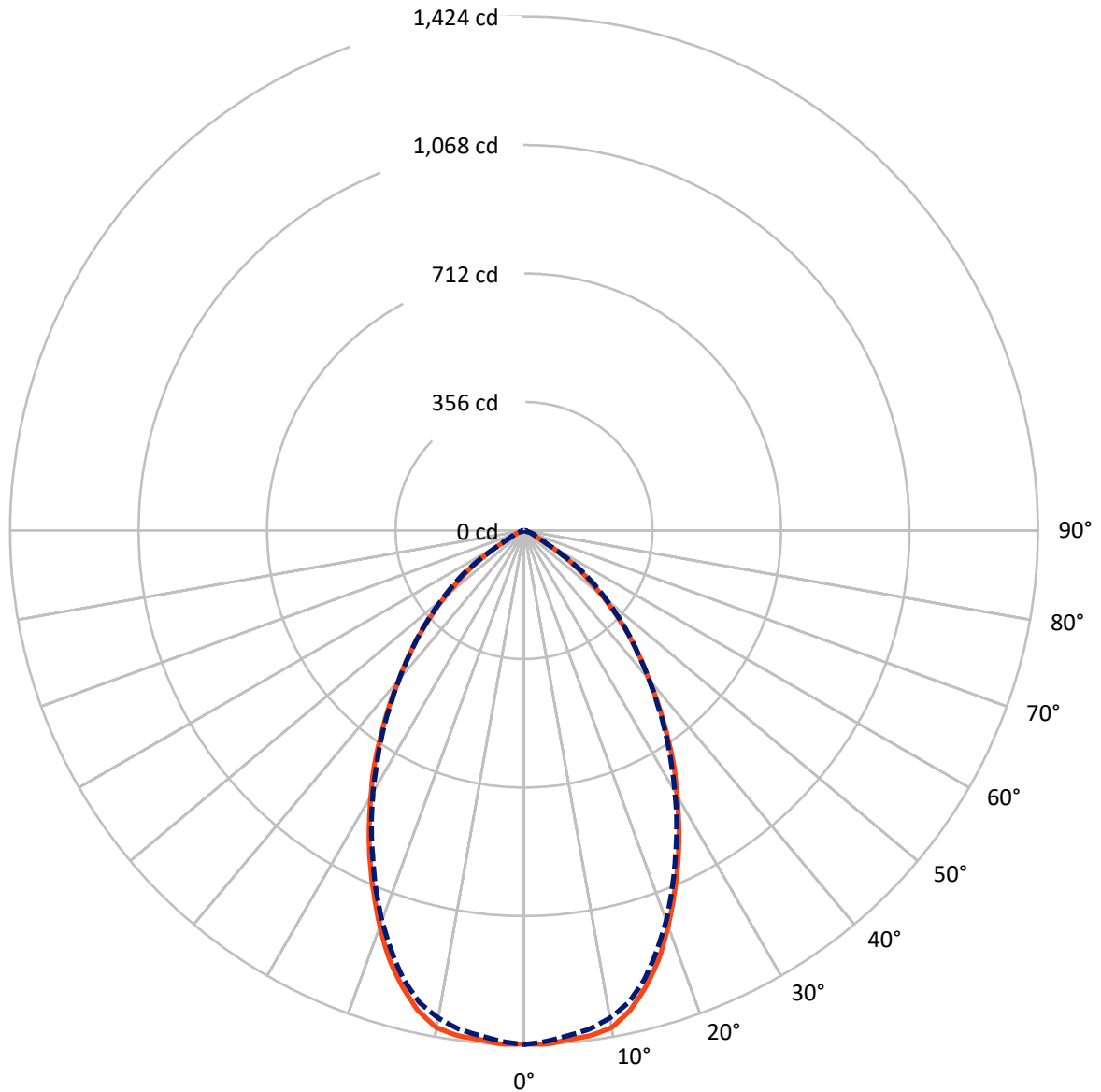
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### Lumen Table

90																			
80	0.0	0.2		0.5		0.8		0.6		0.8		0.5		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.1	0.1			
50		0.2	0.4	0.8	1.5	2.9	4.3	5.2	5.2	4.3	2.9	1.5	0.8	0.4	0.2				
40	0.2	0.3	0.6	1.8	4.9	8.1	10.7	12.3	12.3	10.7	8.1	4.9	1.8	0.6	0.3	0.2			
30		0.3	1.1	4.3	8.7	13.6	18.0	20.7	20.7	18.0	13.6	8.7	4.3	1.1	0.3				
20	0.2	0.4	2.0	6.4	12.4	19.4	25.9	30.0	30.0	25.9	19.4	12.4	6.4	2.0	0.4	0.2			
10		0.5	2.8	8.0	15.3	24.2	33.0	38.5	38.5	33.0	24.2	15.3	8.0	2.8	0.5				
0	0.2	0.5	3.3	8.9	16.9	27.0	37.0	42.3	42.3	37.0	27.0	16.9	8.9	3.3	0.5	0.2			
-10		0.5	3.3	8.9	16.9	27.0	37.0	42.3	42.3	37.0	27.0	16.9	8.9	3.3	0.5				
-20	0.2	0.5	2.8	8.0	15.3	24.2	33.0	38.5	38.5	33.0	24.2	15.3	8.0	2.8	0.5	0.2			
-30		0.4	2.0	6.4	12.4	19.4	25.9	30.0	30.0	25.9	19.4	12.4	6.4	2.0	0.4				
-40	0.2	0.3	1.1	4.3	8.7	13.6	18.0	20.7	20.7	18.0	13.6	8.7	4.3	1.1	0.3	0.2			
-50		0.3	0.6	1.8	4.9	8.1	10.7	12.3	12.3	10.7	8.1	4.9	1.8	0.6	0.3				
-60	0.1	0.2	0.4	0.8	1.5	2.9	4.3	5.2	5.2	4.3	2.9	1.5	0.8	0.4	0.2	0.1			
-70		0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.1				
-80	0.0	0.2		0.5		0.8		0.6		0.8		0.5		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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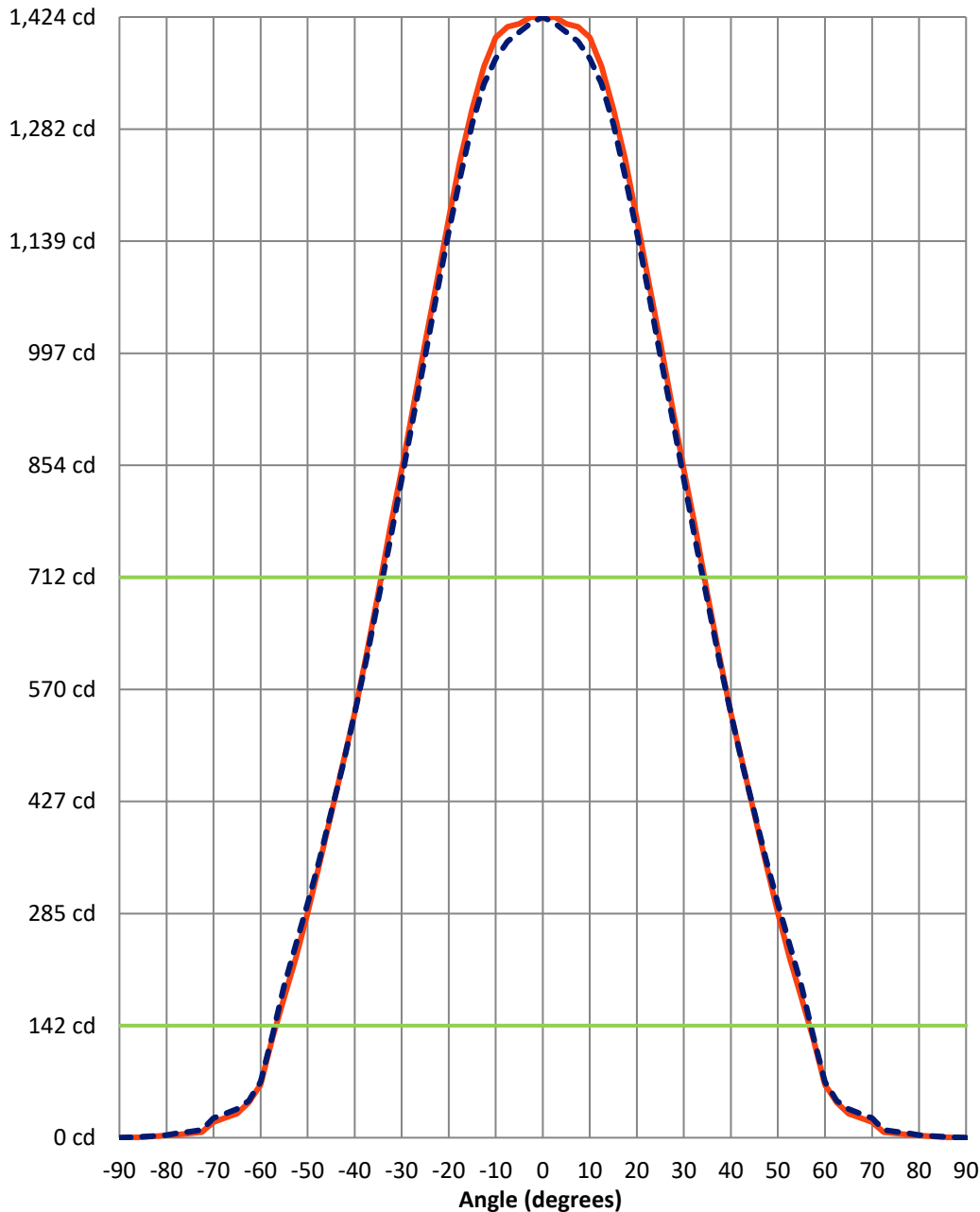
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 68°  
 V Angle: 68.7°  
 Lumens: 1155.5  
 Efficiency: 60.0%

**Field:**  
 H Angle: 114°  
 V Angle: 113.4°  
 Lumens: 1841  
 Efficiency: 95.5%

**Spill:**  
 Lumens: 86.2  
 Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 2.5-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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.8	1.0
80°	0.0	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.5	1.8
77.5°	0.0	0.1	0.2	0.3	0.4	0.6	1.0	1.4	1.8	2.2	2.7
75°	0.0	0.1	0.3	0.4	0.5	0.9	1.4	1.9	2.4	3.2	4.0
72.5°	0.0	0.2	0.3	0.4	0.7	1.2	1.8	2.5	3.4	4.3	5.2
70°	0.0	0.2	0.3	0.5	0.9	1.5	2.2	3.3	4.4	5.5	7.0
67.5°	0.0	0.2	0.4	0.6	1.1	1.8	2.9	4.2	5.4	7.0	8.8
65°	0.0	0.2	0.4	0.8	1.3	2.1	3.5	5.1	6.6	8.5	10.5
62.5°	0.0	0.2	0.5	0.9	1.5	2.5	4.1	6.0	7.8	9.9	12.1
60°	0.0	0.2	0.5	1.0	1.6	2.9	4.6	6.9	8.9	11.4	13.7
57.5°	0.0	0.3	0.6	1.1	1.8	3.2	5.2	7.8	10.3	13.0	15.1
55°	0.0	0.3	0.6	1.1	2.1	3.5	5.7	8.4	11.7	14.4	16.3
52.5°	0.0	0.3	0.7	1.2	2.2	3.8	6.1	9.4	13.1	15.6	17.5
50°	0.0	0.3	0.7	1.3	2.4	4.1	6.4	10.3	14.4	16.7	18.8
47.5°	0.0	0.3	0.8	1.4	2.5	4.3	6.7	11.0	15.4	17.8	20.0
45°	0.0	0.4	0.8	1.4	2.6	4.4	7.3	11.7	15.8	18.8	21.2
42.5°	0.0	0.4	0.9	1.5	2.7	4.5	7.7	12.0	16.1	19.7	22.4
40°	0.0	0.4	0.9	1.6	2.7	4.6	8.1	12.2	16.3	20.5	23.7
37.5°	0.0	0.4	1.0	1.6	2.7	4.6	8.4	12.2	16.5	20.9	24.9
35°	0.0	0.4	1.0	1.7	2.7	4.7	8.6	12.1	16.6	21.6	26.1
32.5°	0.0	0.4	1.0	1.8	2.7	4.8	8.6	12.0	16.8	22.6	27.3
30°	0.0	0.4	1.1	1.8	2.6	4.9	8.5	11.8	17.0	23.8	28.4
27.5°	0.0	0.4	1.1	1.9	2.7	4.9	8.2	11.8	17.4	25.1	29.5
25°	0.0	0.5	1.1	1.9	2.8	4.8	7.9	11.8	18.3	26.2	30.5
22.5°	0.0	0.5	1.2	2.0	2.9	4.8	7.6	11.8	19.2	27.0	31.8
20°	0.0	0.5	1.2	2.0	2.9	5.1	7.1	11.8	20.2	27.7	33.0
17.5°	0.0	0.5	1.2	2.1	3.0	5.3	7.1	11.7	21.2	28.4	34.0
15°	0.0	0.5	1.2	2.1	3.1	5.4	7.2	11.6	22.2	29.0	34.8
12.5°	0.0	0.5	1.3	2.1	3.1	5.6	7.3	11.5	23.0	29.5	35.5
10°	0.0	0.5	1.3	2.2	3.2	5.7	7.4	11.3	23.7	29.9	36.1
7.5°	0.0	0.5	1.3	2.2	3.2	5.8	7.5	10.9	24.3	30.2	36.4
5°	0.0	0.5	1.3	2.2	3.2	5.8	7.6	10.4	24.7	30.4	36.5
2.5°	0.0	0.5	1.3	2.2	3.3	5.9	7.7	9.9	24.9	30.5	36.5
0°	0.0	0.5	1.3	2.2	3.3	5.9	7.7	9.3	24.9	30.6	36.4
-2.5°	0.0	0.5	1.3	2.2	3.3	5.9	7.7	9.9	24.9	30.5	36.5
-5°	0.0	0.5	1.3	2.2	3.2	5.8	7.6	10.4	24.7	30.4	36.5
-7.5°	0.0	0.5	1.3	2.2	3.2	5.8	7.5	10.9	24.3	30.2	36.4
-10°	0.0	0.5	1.3	2.2	3.2	5.7	7.4	11.3	23.7	29.9	36.1
-12.5°	0.0	0.5	1.3	2.1	3.1	5.6	7.3	11.5	23.0	29.5	35.5
-15°	0.0	0.5	1.2	2.1	3.1	5.4	7.2	11.6	22.2	29.0	34.8
-17.5°	0.0	0.5	1.2	2.1	3.0	5.3	7.1	11.7	21.2	28.4	34.0
-20°	0.0	0.5	1.2	2.0	2.9	5.1	7.1	11.8	20.2	27.7	33.0



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 CATALOG NUMBER: GFLD-SA1A-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.5	1.2	2.0	2.9	4.8	7.6	11.8	19.2	27.0	31.8
-25°	0.0	0.5	1.1	1.9	2.8	4.8	7.9	11.8	18.3	26.2	30.5
-27.5°	0.0	0.4	1.1	1.9	2.7	4.9	8.2	11.8	17.4	25.1	29.5
-30°	0.0	0.4	1.1	1.8	2.6	4.9	8.5	11.8	17.0	23.8	28.4
-32.5°	0.0	0.4	1.0	1.8	2.7	4.8	8.6	12.0	16.8	22.6	27.3
-35°	0.0	0.4	1.0	1.7	2.7	4.7	8.6	12.1	16.6	21.6	26.1
-37.5°	0.0	0.4	1.0	1.6	2.7	4.6	8.4	12.2	16.5	20.9	24.9
-40°	0.0	0.4	0.9	1.6	2.7	4.6	8.1	12.2	16.3	20.5	23.7
-42.5°	0.0	0.4	0.9	1.5	2.7	4.5	7.7	12.0	16.1	19.7	22.4
-45°	0.0	0.4	0.8	1.4	2.6	4.4	7.3	11.7	15.8	18.8	21.2
-47.5°	0.0	0.3	0.8	1.4	2.5	4.3	6.7	11.0	15.4	17.8	20.0
-50°	0.0	0.3	0.7	1.3	2.4	4.1	6.4	10.3	14.4	16.7	18.8
-52.5°	0.0	0.3	0.7	1.2	2.2	3.8	6.1	9.4	13.1	15.6	17.5
-55°	0.0	0.3	0.6	1.1	2.1	3.5	5.7	8.4	11.7	14.4	16.3
-57.5°	0.0	0.3	0.6	1.1	1.8	3.2	5.2	7.8	10.3	13.0	15.1
-60°	0.0	0.2	0.5	1.0	1.6	2.9	4.6	6.9	8.9	11.4	13.7
-62.5°	0.0	0.2	0.5	0.9	1.5	2.5	4.1	6.0	7.8	9.9	12.1
-65°	0.0	0.2	0.4	0.8	1.3	2.1	3.5	5.1	6.6	8.5	10.5
-67.5°	0.0	0.2	0.4	0.6	1.1	1.8	2.9	4.2	5.4	7.0	8.8
-70°	0.0	0.2	0.3	0.5	0.9	1.5	2.2	3.3	4.4	5.5	7.0
-72.5°	0.0	0.2	0.3	0.4	0.7	1.2	1.8	2.5	3.4	4.3	5.2
-75°	0.0	0.1	0.3	0.4	0.5	0.9	1.4	1.9	2.4	3.2	4.0
-77.5°	0.0	0.1	0.2	0.3	0.4	0.6	1.0	1.4	1.8	2.2	2.7
-80°	0.0	0.1	0.2	0.3	0.3	0.4	0.6	0.8	1.1	1.5	1.8
-82.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.8	1.0
-85°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.9	1.0
82.5°	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.4
80°	1.9	2.0	2.3	2.6	2.8	2.8	2.7	2.4	2.9	3.6	4.4
77.5°	3.2	3.6	4.1	4.6	4.7	4.5	4.1	3.6	4.2	5.4	6.9
75°	4.6	5.2	6.0	6.5	6.5	6.1	5.6	5.5	6.6	8.1	9.4
72.5°	6.3	7.2	7.9	8.4	8.3	8.3	8.5	9.0	9.9	11.0	11.9
70°	8.4	9.3	9.8	10.0	10.1	10.7	11.4	12.0	12.6	13.7	14.7
67.5°	10.4	11.1	11.6	11.9	12.7	13.7	14.5	15.2	15.9	17.0	18.0
65°	12.2	12.9	13.6	14.5	15.7	16.7	17.6	18.5	19.8	21.1	21.9
62.5°	14.0	14.8	15.7	17.0	18.3	19.5	21.0	22.6	24.4	25.7	27.2
60°	15.4	16.5	17.8	19.3	20.9	22.9	24.8	26.7	28.5	30.2	32.4
57.5°	16.7	18.2	19.9	21.7	23.9	26.3	28.6	30.7	32.9	35.3	37.8
55°	18.1	20.2	22.1	24.2	26.8	29.8	32.4	34.9	37.6	41.6	45.2
52.5°	19.6	21.9	24.1	26.7	29.9	33.2	36.1	39.6	44.1	50.1	59.9
50°	21.1	23.6	26.1	29.5	33.0	36.4	40.6	45.5	54.5	65.7	85.5
47.5°	22.6	25.2	28.5	32.2	36.0	40.5	45.9	56.5	68.8	96.8	124.7
45°	24.0	27.1	30.8	35.0	39.6	45.2	56.3	69.4	102.7	134.9	168.5
42.5°	25.4	29.1	33.3	37.8	43.7	53.9	68.3	102.8	138.8	175.9	208.1
40°	27.1	30.9	35.8	41.5	49.3	64.9	97.0	135.9	176.5	211.5	242.8
37.5°	28.6	33.2	38.5	45.0	59.1	85.1	126.4	169.6	208.9	243.1	276.6
35°	30.0	35.3	41.6	51.5	68.8	111.5	156.4	200.3	237.9	274.3	311.0
32.5°	31.6	37.4	44.7	60.0	90.8	137.1	184.8	226.6	266.0	304.9	346.7
30°	33.4	40.0	49.0	68.2	112.7	161.9	209.2	251.9	292.7	335.9	380.7
27.5°	35.1	42.5	56.0	84.0	133.3	185.0	231.3	275.3	319.1	365.1	413.3
25°	36.7	44.9	62.6	101.3	153.2	204.8	251.7	296.4	343.8	393.8	444.5
22.5°	38.4	47.2	68.5	117.1	171.3	222.4	269.7	317.2	367.3	420.2	473.2
20°	40.2	52.1	78.3	131.7	187.8	238.3	285.8	336.4	389.2	444.1	500.0
17.5°	41.8	56.5	90.1	145.5	201.7	252.2	300.4	353.9	408.3	465.7	524.6
15°	43.3	60.3	100.4	157.8	213.5	264.0	314.6	369.3	425.2	485.0	546.2
12.5°	44.6	63.5	109.2	168.3	223.4	274.1	326.5	382.4	440.4	501.9	565.7
10°	45.7	66.1	116.6	177.2	231.5	282.5	336.1	393.2	452.4	515.6	581.5
7.5°	46.4	68.2	122.5	184.2	237.8	289.0	343.3	401.8	461.3	526.2	593.4
5°	46.8	70.0	126.7	189.4	242.3	293.9	348.5	407.9	466.9	533.7	601.4
2.5°	47.0	71.2	129.3	192.8	245.1	297.4	352.8	413.3	472.9	539.0	607.6
0°	47.0	71.8	130.2	194.2	246.2	298.9	354.9	416.1	476.7	541.3	611.8
-2.5°	47.0	71.2	129.3	192.8	245.1	297.4	352.8	413.3	472.9	539.0	607.6
-5°	46.8	70.0	126.7	189.4	242.3	293.9	348.5	407.9	466.9	533.7	601.4
-7.5°	46.4	68.2	122.5	184.2	237.8	289.0	343.3	401.8	461.3	526.2	593.4
-10°	45.7	66.1	116.6	177.2	231.5	282.5	336.1	393.2	452.4	515.6	581.5
-12.5°	44.6	63.5	109.2	168.3	223.4	274.1	326.5	382.4	440.4	501.9	565.7
-15°	43.3	60.3	100.4	157.8	213.5	264.0	314.6	369.3	425.2	485.0	546.2
-17.5°	41.8	56.5	90.1	145.5	201.7	252.2	300.4	353.9	408.3	465.7	524.6
-20°	40.2	52.1	78.3	131.7	187.8	238.3	285.8	336.4	389.2	444.1	500.0



REPORT NUMBER: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	38.4	47.2	68.5	117.1	171.3	222.4	269.7	317.2	367.3	420.2	473.2
-25°	36.7	44.9	62.6	101.3	153.2	204.8	251.7	296.4	343.8	393.8	444.5
-27.5°	35.1	42.5	56.0	84.0	133.3	185.0	231.3	275.3	319.1	365.1	413.3
-30°	33.4	40.0	49.0	68.2	112.7	161.9	209.2	251.9	292.7	335.9	380.7
-32.5°	31.6	37.4	44.7	60.0	90.8	137.1	184.8	226.6	266.0	304.9	346.7
-35°	30.0	35.3	41.6	51.5	68.8	111.5	156.4	200.3	237.9	274.3	311.0
-37.5°	28.6	33.2	38.5	45.0	59.1	85.1	126.4	169.6	208.9	243.1	276.6
-40°	27.1	30.9	35.8	41.5	49.3	64.9	97.0	135.9	176.5	211.5	242.8
-42.5°	25.4	29.1	33.3	37.8	43.7	53.9	68.3	102.8	138.8	175.9	208.1
-45°	24.0	27.1	30.8	35.0	39.6	45.2	56.3	69.4	102.7	134.9	168.5
-47.5°	22.6	25.2	28.5	32.2	36.0	40.5	45.9	56.5	68.8	96.8	124.7
-50°	21.1	23.6	26.1	29.5	33.0	36.4	40.6	45.5	54.5	65.7	85.5
-52.5°	19.6	21.9	24.1	26.7	29.9	33.2	36.1	39.6	44.1	50.1	59.9
-55°	18.1	20.2	22.1	24.2	26.8	29.8	32.4	34.9	37.6	41.6	45.2
-57.5°	16.7	18.2	19.9	21.7	23.9	26.3	28.6	30.7	32.9	35.3	37.8
-60°	15.4	16.5	17.8	19.3	20.9	22.9	24.8	26.7	28.5	30.2	32.4
-62.5°	14.0	14.8	15.7	17.0	18.3	19.5	21.0	22.6	24.4	25.7	27.2
-65°	12.2	12.9	13.6	14.5	15.7	16.7	17.6	18.5	19.8	21.1	21.9
-67.5°	10.4	11.1	11.6	11.9	12.7	13.7	14.5	15.2	15.9	17.0	18.0
-70°	8.4	9.3	9.8	10.0	10.1	10.7	11.4	12.0	12.6	13.7	14.7
-72.5°	6.3	7.2	7.9	8.4	8.3	8.3	8.5	9.0	9.9	11.0	11.9
-75°	4.6	5.2	6.0	6.5	6.5	6.1	5.6	5.5	6.6	8.1	9.4
-77.5°	3.2	3.6	4.1	4.6	4.7	4.5	4.1	3.6	4.2	5.4	6.9
-80°	1.9	2.0	2.3	2.6	2.8	2.8	2.7	2.4	2.9	3.6	4.4
-82.5°	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.4
-85°	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.9	1.0
-87.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
-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: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9
82.5°	2.8	3.1	3.3	3.5	3.8	3.7	3.6	3.5	3.3	2.9	2.5
80°	5.4	5.9	6.2	6.5	6.7	6.5	6.2	5.8	5.4	4.8	4.1
77.5°	8.3	8.9	9.1	9.4	9.8	9.9	9.9	9.9	10.0	8.8	7.4
75°	10.4	11.0	11.6	12.1	12.5	12.7	12.8	13.0	13.1	11.6	9.7
72.5°	12.7	13.4	13.9	14.4	14.9	15.3	15.5	15.8	16.0	14.8	13.1
70°	15.5	16.2	16.8	17.3	17.8	18.3	18.8	19.2	19.6	19.6	19.7
67.5°	18.7	19.1	19.8	20.5	21.3	21.9	22.6	23.2	23.8	24.3	24.7
65°	22.6	23.9	25.3	26.0	26.1	27.0	28.3	29.1	29.3	29.5	29.9
62.5°	29.1	30.8	31.8	33.0	34.7	36.5	37.2	38.2	39.5	40.8	42.1
60°	34.2	35.8	38.1	40.4	42.4	44.2	48.7	52.7	56.2	59.1	62.0
57.5°	40.7	43.2	46.7	52.9	58.6	63.7	72.6	83.3	92.9	101.4	108.7
55°	50.9	58.2	64.8	79.5	95.3	108.9	121.6	135.3	146.4	155.1	163.1
52.5°	68.4	88.5	108.8	127.9	146.7	163.8	179.2	191.3	200.8	207.9	214.6
50°	109.5	133.7	158.5	181.3	199.7	216.6	232.6	244.6	254.7	263.3	271.0
47.5°	154.4	182.7	206.1	227.1	247.0	265.7	283.3	297.9	310.2	321.6	331.1
45°	199.0	224.3	248.3	270.9	292.6	313.5	332.3	348.9	365.3	378.8	389.5
42.5°	236.7	263.5	289.0	314.9	339.1	362.6	385.3	405.5	422.9	437.6	449.5
40°	272.9	301.8	332.1	360.8	389.5	416.4	441.6	464.6	484.4	501.9	516.7
37.5°	309.7	343.5	376.8	409.4	441.1	470.4	499.3	525.9	549.0	569.5	586.7
35°	348.6	385.8	422.0	458.8	493.5	527.3	559.2	588.5	614.2	638.3	659.0
32.5°	387.6	427.8	468.6	508.5	546.8	584.7	619.8	652.7	683.1	709.8	731.9
30°	425.4	469.8	513.5	556.9	600.7	642.0	680.7	717.0	749.9	779.0	804.1
27.5°	461.8	509.6	556.4	606.1	653.6	698.5	740.6	779.6	816.4	849.4	878.0
25°	495.5	546.3	600.8	652.9	703.8	753.6	799.8	842.1	884.1	920.5	951.5
22.5°	527.4	583.9	641.4	696.0	752.2	806.9	858.6	907.7	952.6	990.7	1023.7
20°	557.6	618.5	677.7	738.2	799.0	858.0	915.0	967.4	1014.8	1056.3	1093.6
17.5°	586.2	649.2	712.1	776.7	842.4	904.4	964.7	1021.8	1073.6	1119.6	1161.6
15°	610.9	676.0	743.3	812.0	880.7	946.7	1010.7	1072.8	1131.1	1181.3	1223.6
12.5°	631.9	699.7	771.0	843.0	915.4	984.6	1052.4	1118.9	1180.9	1234.7	1278.2
10°	649.4	720.4	794.8	869.8	944.1	1016.0	1086.5	1155.3	1221.8	1277.7	1322.4
7.5°	663.9	737.6	813.8	891.1	966.0	1040.6	1114.2	1183.7	1249.3	1308.2	1354.1
5°	674.7	749.7	827.5	906.7	982.7	1060.1	1135.9	1207.0	1271.9	1325.2	1362.7
2.5°	682.8	757.2	836.4	916.1	993.1	1073.3	1150.7	1221.8	1288.3	1338.8	1371.2
0°	688.3	761.3	844.4	922.6	1001.0	1083.1	1159.7	1231.6	1298.2	1347.7	1381.2
-2.5°	682.8	757.2	836.4	916.1	993.1	1073.3	1150.7	1221.8	1288.3	1338.8	1371.2
-5°	674.7	749.7	827.5	906.7	982.7	1060.1	1135.9	1207.0	1271.9	1325.2	1362.7
-7.5°	663.9	737.6	813.8	891.1	966.0	1040.6	1114.2	1183.7	1249.3	1308.2	1354.1
-10°	649.4	720.4	794.8	869.8	944.1	1016.0	1086.5	1155.3	1221.8	1277.7	1322.4
-12.5°	631.9	699.7	771.0	843.0	915.4	984.6	1052.4	1118.9	1180.9	1234.7	1278.2
-15°	610.9	676.0	743.3	812.0	880.7	946.7	1010.7	1072.8	1131.1	1181.3	1223.6
-17.5°	586.2	649.2	712.1	776.7	842.4	904.4	964.7	1021.8	1073.6	1119.6	1161.6
-20°	557.6	618.5	677.7	738.2	799.0	858.0	915.0	967.4	1014.8	1056.3	1093.6



REPORT NUMBER: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	527.4	583.9	641.4	696.0	752.2	806.9	858.6	907.7	952.6	990.7	1023.7
-25°	495.5	546.3	600.8	652.9	703.8	753.6	799.8	842.1	884.1	920.5	951.5
-27.5°	461.8	509.6	556.4	606.1	653.6	698.5	740.6	779.6	816.4	849.4	878.0
-30°	425.4	469.8	513.5	556.9	600.7	642.0	680.7	717.0	749.9	779.0	804.1
-32.5°	387.6	427.8	468.6	508.5	546.8	584.7	619.8	652.7	683.1	709.8	731.9
-35°	348.6	385.8	422.0	458.8	493.5	527.3	559.2	588.5	614.2	638.3	659.0
-37.5°	309.7	343.5	376.8	409.4	441.1	470.4	499.3	525.9	549.0	569.5	586.7
-40°	272.9	301.8	332.1	360.8	389.5	416.4	441.6	464.6	484.4	501.9	516.7
-42.5°	236.7	263.5	289.0	314.9	339.1	362.6	385.3	405.5	422.9	437.6	449.5
-45°	199.0	224.3	248.3	270.9	292.6	313.5	332.3	348.9	365.3	378.8	389.5
-47.5°	154.4	182.7	206.1	227.1	247.0	265.7	283.3	297.9	310.2	321.6	331.1
-50°	109.5	133.7	158.5	181.3	199.7	216.6	232.6	244.6	254.7	263.3	271.0
-52.5°	68.4	88.5	108.8	127.9	146.7	163.8	179.2	191.3	200.8	207.9	214.6
-55°	50.9	58.2	64.8	79.5	95.3	108.9	121.6	135.3	146.4	155.1	163.1
-57.5°	40.7	43.2	46.7	52.9	58.6	63.7	72.6	83.3	92.9	101.4	108.7
-60°	34.2	35.8	38.1	40.4	42.4	44.2	48.7	52.7	56.2	59.1	62.0
-62.5°	29.1	30.8	31.8	33.0	34.7	36.5	37.2	38.2	39.5	40.8	42.1
-65°	22.6	23.9	25.3	26.0	26.1	27.0	28.3	29.1	29.3	29.5	29.9
-67.5°	18.7	19.1	19.8	20.5	21.3	21.9	22.6	23.2	23.8	24.3	24.7
-70°	15.5	16.2	16.8	17.3	17.8	18.3	18.8	19.2	19.6	19.6	19.7
-72.5°	12.7	13.4	13.9	14.4	14.9	15.3	15.5	15.8	16.0	14.8	13.1
-75°	10.4	11.0	11.6	12.1	12.5	12.7	12.8	13.0	13.1	11.6	9.7
-77.5°	8.3	8.9	9.1	9.4	9.8	9.9	9.9	9.9	10.0	8.8	7.4
-80°	5.4	5.9	6.2	6.5	6.7	6.5	6.2	5.8	5.4	4.8	4.1
-82.5°	2.8	3.1	3.3	3.5	3.8	3.7	3.6	3.5	3.3	2.9	2.5
-85°	1.1	1.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0
82.5°	2.1	1.6	1.7	1.8	1.7	1.6	2.1	2.5	2.9	3.3	3.5
80°	3.4	2.7	2.8	2.9	2.8	2.7	3.4	4.1	4.8	5.4	5.8
77.5°	5.9	4.2	4.1	4.0	4.1	4.2	5.9	7.4	8.8	10.0	9.9
75°	7.7	5.6	5.5	5.5	5.5	5.6	7.7	9.7	11.6	13.1	13.0
72.5°	11.3	9.6	8.3	7.1	8.3	9.6	11.3	13.1	14.8	16.0	15.8
70°	19.9	20.2	20.1	19.8	20.1	20.2	19.9	19.7	19.6	19.6	19.2
67.5°	25.0	25.2	25.3	25.3	25.3	25.2	25.0	24.7	24.3	23.8	23.2
65°	30.2	30.4	30.5	30.6	30.5	30.4	30.2	29.9	29.5	29.3	29.1
62.5°	43.1	43.7	44.4	44.8	44.4	43.7	43.1	42.1	40.8	39.5	38.2
60°	64.5	66.5	67.4	67.5	67.4	66.5	64.5	62.0	59.1	56.2	52.7
57.5°	114.7	119.1	123.0	125.9	123.0	119.1	114.7	108.7	101.4	92.9	83.3
55°	169.5	174.2	176.8	177.6	176.8	174.2	169.5	163.1	155.1	146.4	135.3
52.5°	219.6	222.7	225.7	228.3	225.7	222.7	219.6	214.6	207.9	200.8	191.3
50°	276.7	280.2	283.2	285.4	283.2	280.2	276.7	271.0	263.3	254.7	244.6
47.5°	337.8	342.0	345.2	347.3	345.2	342.0	337.8	331.1	321.6	310.2	297.9
45°	398.7	406.0	410.4	411.1	410.4	406.0	398.7	389.5	378.8	365.3	348.9
42.5°	459.8	466.8	471.5	475.0	471.5	466.8	459.8	449.5	437.6	422.9	405.5
40°	529.0	537.8	541.9	539.3	541.9	537.8	529.0	516.7	501.9	484.4	464.6
37.5°	600.0	609.0	613.7	613.4	613.7	609.0	600.0	586.7	569.5	549.0	525.9
35°	675.1	686.3	692.4	690.9	692.4	686.3	675.1	659.0	638.3	614.2	588.5
32.5°	749.6	763.1	771.9	773.2	771.9	763.1	749.6	731.9	709.8	683.1	652.7
30°	824.3	838.9	847.6	848.5	847.6	838.9	824.3	804.1	779.0	749.9	717.0
27.5°	901.9	918.3	927.4	929.6	927.4	918.3	901.9	878.0	849.4	816.4	779.6
25°	977.9	996.0	1006.5	1010.5	1006.5	996.0	977.9	951.5	920.5	884.1	842.1
22.5°	1051.1	1071.0	1084.6	1088.1	1084.6	1071.0	1051.1	1023.7	990.7	952.6	907.7
20°	1124.5	1148.1	1165.5	1167.2	1165.5	1148.1	1124.5	1093.6	1056.3	1014.8	967.4
17.5°	1195.2	1220.7	1239.3	1243.9	1239.3	1220.7	1195.2	1161.6	1119.6	1073.6	1021.8
15°	1258.5	1285.3	1303.3	1307.2	1303.3	1285.3	1258.5	1223.6	1181.3	1131.1	1072.8
12.5°	1313.2	1337.8	1354.6	1361.0	1354.6	1337.8	1313.2	1278.2	1234.7	1180.9	1118.9
10°	1357.2	1376.2	1391.2	1398.0	1391.2	1376.2	1357.2	1322.4	1277.7	1221.8	1155.3
7.5°	1381.8	1397.4	1407.8	1411.5	1407.8	1397.4	1381.8	1354.1	1308.2	1249.3	1183.7
5°	1391.5	1406.5	1412.1	1415.4	1412.1	1406.5	1391.5	1362.7	1325.2	1271.9	1207.0
2.5°	1392.8	1404.8	1416.4	1424.0	1416.4	1404.8	1392.8	1371.2	1338.8	1288.3	1221.8
0°	1400.6	1412.3	1418.7	1422.3	1418.7	1412.3	1400.6	1381.2	1347.7	1298.2	1231.6
-2.5°	1392.8	1404.8	1416.4	1424.0	1416.4	1404.8	1392.8	1371.2	1338.8	1288.3	1221.8
-5°	1391.5	1406.5	1412.1	1415.4	1412.1	1406.5	1391.5	1362.7	1325.2	1271.9	1207.0
-7.5°	1381.8	1397.4	1407.8	1411.5	1407.8	1397.4	1381.8	1354.1	1308.2	1249.3	1183.7
-10°	1357.2	1376.2	1391.2	1398.0	1391.2	1376.2	1357.2	1322.4	1277.7	1221.8	1155.3
-12.5°	1313.2	1337.8	1354.6	1361.0	1354.6	1337.8	1313.2	1278.2	1234.7	1180.9	1118.9
-15°	1258.5	1285.3	1303.3	1307.2	1303.3	1285.3	1258.5	1223.6	1181.3	1131.1	1072.8
-17.5°	1195.2	1220.7	1239.3	1243.9	1239.3	1220.7	1195.2	1161.6	1119.6	1073.6	1021.8
-20°	1124.5	1148.1	1165.5	1167.2	1165.5	1148.1	1124.5	1093.6	1056.3	1014.8	967.4



REPORT NUMBER: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1051.1	1071.0	1084.6	1088.1	1084.6	1071.0	1051.1	1023.7	990.7	952.6	907.7
-25°	977.9	996.0	1006.5	1010.5	1006.5	996.0	977.9	951.5	920.5	884.1	842.1
-27.5°	901.9	918.3	927.4	929.6	927.4	918.3	901.9	878.0	849.4	816.4	779.6
-30°	824.3	838.9	847.6	848.5	847.6	838.9	824.3	804.1	779.0	749.9	717.0
-32.5°	749.6	763.1	771.9	773.2	771.9	763.1	749.6	731.9	709.8	683.1	652.7
-35°	675.1	686.3	692.4	690.9	692.4	686.3	675.1	659.0	638.3	614.2	588.5
-37.5°	600.0	609.0	613.7	613.4	613.7	609.0	600.0	586.7	569.5	549.0	525.9
-40°	529.0	537.8	541.9	539.3	541.9	537.8	529.0	516.7	501.9	484.4	464.6
-42.5°	459.8	466.8	471.5	475.0	471.5	466.8	459.8	449.5	437.6	422.9	405.5
-45°	398.7	406.0	410.4	411.1	410.4	406.0	398.7	389.5	378.8	365.3	348.9
-47.5°	337.8	342.0	345.2	347.3	345.2	342.0	337.8	331.1	321.6	310.2	297.9
-50°	276.7	280.2	283.2	285.4	283.2	280.2	276.7	271.0	263.3	254.7	244.6
-52.5°	219.6	222.7	225.7	228.3	225.7	222.7	219.6	214.6	207.9	200.8	191.3
-55°	169.5	174.2	176.8	177.6	176.8	174.2	169.5	163.1	155.1	146.4	135.3
-57.5°	114.7	119.1	123.0	125.9	123.0	119.1	114.7	108.7	101.4	92.9	83.3
-60°	64.5	66.5	67.4	67.5	67.4	66.5	64.5	62.0	59.1	56.2	52.7
-62.5°	43.1	43.7	44.4	44.8	44.4	43.7	43.1	42.1	40.8	39.5	38.2
-65°	30.2	30.4	30.5	30.6	30.5	30.4	30.2	29.9	29.5	29.3	29.1
-67.5°	25.0	25.2	25.3	25.3	25.3	25.2	25.0	24.7	24.3	23.8	23.2
-70°	19.9	20.2	20.1	19.8	20.1	20.2	19.9	19.7	19.6	19.6	19.2
-72.5°	11.3	9.6	8.3	7.1	8.3	9.6	11.3	13.1	14.8	16.0	15.8
-75°	7.7	5.6	5.5	5.5	5.5	5.6	7.7	9.7	11.6	13.1	13.0
-77.5°	5.9	4.2	4.1	4.0	4.1	4.2	5.9	7.4	8.8	10.0	9.9
-80°	3.4	2.7	2.8	2.9	2.8	2.7	3.4	4.1	4.8	5.4	5.8
-82.5°	2.1	1.6	1.7	1.8	1.7	1.6	2.1	2.5	2.9	3.3	3.5
-85°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
85°	1.0	1.0	0.9	1.0	1.0	1.1	1.1	1.0	0.9	0.8	0.7
82.5°	3.6	3.7	3.8	3.5	3.3	3.1	2.8	2.4	2.0	1.6	1.3
80°	6.2	6.5	6.7	6.5	6.2	5.9	5.4	4.4	3.6	2.9	2.4
77.5°	9.9	9.9	9.8	9.4	9.1	8.9	8.3	6.9	5.4	4.2	3.6
75°	12.8	12.7	12.5	12.1	11.6	11.0	10.4	9.4	8.1	6.6	5.5
72.5°	15.5	15.3	14.9	14.4	13.9	13.4	12.7	11.9	11.0	9.9	9.0
70°	18.8	18.3	17.8	17.3	16.8	16.2	15.5	14.7	13.7	12.6	12.0
67.5°	22.6	21.9	21.3	20.5	19.8	19.1	18.7	18.0	17.0	15.9	15.2
65°	28.3	27.0	26.1	26.0	25.3	23.9	22.6	21.9	21.1	19.8	18.5
62.5°	37.2	36.5	34.7	33.0	31.8	30.8	29.1	27.2	25.7	24.4	22.6
60°	48.7	44.2	42.4	40.4	38.1	35.8	34.2	32.4	30.2	28.5	26.7
57.5°	72.6	63.7	58.6	52.9	46.7	43.2	40.7	37.8	35.3	32.9	30.7
55°	121.6	108.9	95.3	79.5	64.8	58.2	50.9	45.2	41.6	37.6	34.9
52.5°	179.2	163.8	146.7	127.9	108.8	88.5	68.4	59.9	50.1	44.1	39.6
50°	232.6	216.6	199.7	181.3	158.5	133.7	109.5	85.5	65.7	54.5	45.5
47.5°	283.3	265.7	247.0	227.1	206.1	182.7	154.4	124.7	96.8	68.8	56.5
45°	332.3	313.5	292.6	270.9	248.3	224.3	199.0	168.5	134.9	102.7	69.4
42.5°	385.3	362.6	339.1	314.9	289.0	263.5	236.7	208.1	175.9	138.8	102.8
40°	441.6	416.4	389.5	360.8	332.1	301.8	272.9	242.8	211.5	176.5	135.9
37.5°	499.3	470.4	441.1	409.4	376.8	343.5	309.7	276.6	243.1	208.9	169.6
35°	559.2	527.3	493.5	458.8	422.0	385.8	348.6	311.0	274.3	237.9	200.3
32.5°	619.8	584.7	546.8	508.5	468.6	427.8	387.6	346.7	304.9	266.0	226.6
30°	680.7	642.0	600.7	556.9	513.5	469.8	425.4	380.7	335.9	292.7	251.9
27.5°	740.6	698.5	653.6	606.1	556.4	509.6	461.8	413.3	365.1	319.1	275.3
25°	799.8	753.6	703.8	652.9	600.8	546.3	495.5	444.5	393.8	343.8	296.4
22.5°	858.6	806.9	752.2	696.0	641.4	583.9	527.4	473.2	420.2	367.3	317.2
20°	915.0	858.0	799.0	738.2	677.7	618.5	557.6	500.0	444.1	389.2	336.4
17.5°	964.7	904.4	842.4	776.7	712.1	649.2	586.2	524.6	465.7	408.3	353.9
15°	1010.7	946.7	880.7	812.0	743.3	676.0	610.9	546.2	485.0	425.2	369.3
12.5°	1052.4	984.6	915.4	843.0	771.0	699.7	631.9	565.7	501.9	440.4	382.4
10°	1086.5	1016.0	944.1	869.8	794.8	720.4	649.4	581.5	515.6	452.4	393.2
7.5°	1114.2	1040.6	966.0	891.1	813.8	737.6	663.9	593.4	526.2	461.3	401.8
5°	1135.9	1060.1	982.7	906.7	827.5	749.7	674.7	601.4	533.7	466.9	407.9
2.5°	1150.7	1073.3	993.1	916.1	836.4	757.2	682.8	607.6	539.0	472.9	413.3
0°	1159.7	1083.1	1001.0	922.6	844.4	761.3	688.3	611.8	541.3	476.7	416.1
-2.5°	1150.7	1073.3	993.1	916.1	836.4	757.2	682.8	607.6	539.0	472.9	413.3
-5°	1135.9	1060.1	982.7	906.7	827.5	749.7	674.7	601.4	533.7	466.9	407.9
-7.5°	1114.2	1040.6	966.0	891.1	813.8	737.6	663.9	593.4	526.2	461.3	401.8
-10°	1086.5	1016.0	944.1	869.8	794.8	720.4	649.4	581.5	515.6	452.4	393.2
-12.5°	1052.4	984.6	915.4	843.0	771.0	699.7	631.9	565.7	501.9	440.4	382.4
-15°	1010.7	946.7	880.7	812.0	743.3	676.0	610.9	546.2	485.0	425.2	369.3
-17.5°	964.7	904.4	842.4	776.7	712.1	649.2	586.2	524.6	465.7	408.3	353.9
-20°	915.0	858.0	799.0	738.2	677.7	618.5	557.6	500.0	444.1	389.2	336.4



REPORT NUMBER: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	858.6	806.9	752.2	696.0	641.4	583.9	527.4	473.2	420.2	367.3	317.2
-25°	799.8	753.6	703.8	652.9	600.8	546.3	495.5	444.5	393.8	343.8	296.4
-27.5°	740.6	698.5	653.6	606.1	556.4	509.6	461.8	413.3	365.1	319.1	275.3
-30°	680.7	642.0	600.7	556.9	513.5	469.8	425.4	380.7	335.9	292.7	251.9
-32.5°	619.8	584.7	546.8	508.5	468.6	427.8	387.6	346.7	304.9	266.0	226.6
-35°	559.2	527.3	493.5	458.8	422.0	385.8	348.6	311.0	274.3	237.9	200.3
-37.5°	499.3	470.4	441.1	409.4	376.8	343.5	309.7	276.6	243.1	208.9	169.6
-40°	441.6	416.4	389.5	360.8	332.1	301.8	272.9	242.8	211.5	176.5	135.9
-42.5°	385.3	362.6	339.1	314.9	289.0	263.5	236.7	208.1	175.9	138.8	102.8
-45°	332.3	313.5	292.6	270.9	248.3	224.3	199.0	168.5	134.9	102.7	69.4
-47.5°	283.3	265.7	247.0	227.1	206.1	182.7	154.4	124.7	96.8	68.8	56.5
-50°	232.6	216.6	199.7	181.3	158.5	133.7	109.5	85.5	65.7	54.5	45.5
-52.5°	179.2	163.8	146.7	127.9	108.8	88.5	68.4	59.9	50.1	44.1	39.6
-55°	121.6	108.9	95.3	79.5	64.8	58.2	50.9	45.2	41.6	37.6	34.9
-57.5°	72.6	63.7	58.6	52.9	46.7	43.2	40.7	37.8	35.3	32.9	30.7
-60°	48.7	44.2	42.4	40.4	38.1	35.8	34.2	32.4	30.2	28.5	26.7
-62.5°	37.2	36.5	34.7	33.0	31.8	30.8	29.1	27.2	25.7	24.4	22.6
-65°	28.3	27.0	26.1	26.0	25.3	23.9	22.6	21.9	21.1	19.8	18.5
-67.5°	22.6	21.9	21.3	20.5	19.8	19.1	18.7	18.0	17.0	15.9	15.2
-70°	18.8	18.3	17.8	17.3	16.8	16.2	15.5	14.7	13.7	12.6	12.0
-72.5°	15.5	15.3	14.9	14.4	13.9	13.4	12.7	11.9	11.0	9.9	9.0
-75°	12.8	12.7	12.5	12.1	11.6	11.0	10.4	9.4	8.1	6.6	5.5
-77.5°	9.9	9.9	9.8	9.4	9.1	8.9	8.3	6.9	5.4	4.2	3.6
-80°	6.2	6.5	6.7	6.5	6.2	5.9	5.4	4.4	3.6	2.9	2.4
-82.5°	3.6	3.7	3.8	3.5	3.3	3.1	2.8	2.4	2.0	1.6	1.3
-85°	1.0	1.0	0.9	1.0	1.0	1.1	1.1	1.0	0.9	0.8	0.7
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	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





REPORT NUMBER: P558467 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-WR-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3
82.5°	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.8	0.5	0.4
80°	2.7	2.8	2.8	2.6	2.3	2.0	1.9	1.8	1.5	1.1	0.8
77.5°	4.1	4.5	4.7	4.6	4.1	3.6	3.2	2.7	2.2	1.8	1.4
75°	5.6	6.1	6.5	6.5	6.0	5.2	4.6	4.0	3.2	2.4	1.9
72.5°	8.5	8.3	8.3	8.4	7.9	7.2	6.3	5.2	4.3	3.4	2.5
70°	11.4	10.7	10.1	10.0	9.8	9.3	8.4	7.0	5.5	4.4	3.3
67.5°	14.5	13.7	12.7	11.9	11.6	11.1	10.4	8.8	7.0	5.4	4.2
65°	17.6	16.7	15.7	14.5	13.6	12.9	12.2	10.5	8.5	6.6	5.1
62.5°	21.0	19.5	18.3	17.0	15.7	14.8	14.0	12.1	9.9	7.8	6.0
60°	24.8	22.9	20.9	19.3	17.8	16.5	15.4	13.7	11.4	8.9	6.9
57.5°	28.6	26.3	23.9	21.7	19.9	18.2	16.7	15.1	13.0	10.3	7.8
55°	32.4	29.8	26.8	24.2	22.1	20.2	18.1	16.3	14.4	11.7	8.4
52.5°	36.1	33.2	29.9	26.7	24.1	21.9	19.6	17.5	15.6	13.1	9.4
50°	40.6	36.4	33.0	29.5	26.1	23.6	21.1	18.8	16.7	14.4	10.3
47.5°	45.9	40.5	36.0	32.2	28.5	25.2	22.6	20.0	17.8	15.4	11.0
45°	56.3	45.2	39.6	35.0	30.8	27.1	24.0	21.2	18.8	15.8	11.7
42.5°	68.3	53.9	43.7	37.8	33.3	29.1	25.4	22.4	19.7	16.1	12.0
40°	97.0	64.9	49.3	41.5	35.8	30.9	27.1	23.7	20.5	16.3	12.2
37.5°	126.4	85.1	59.1	45.0	38.5	33.2	28.6	24.9	20.9	16.5	12.2
35°	156.4	111.5	68.8	51.5	41.6	35.3	30.0	26.1	21.6	16.6	12.1
32.5°	184.8	137.1	90.8	60.0	44.7	37.4	31.6	27.3	22.6	16.8	12.0
30°	209.2	161.9	112.7	68.2	49.0	40.0	33.4	28.4	23.8	17.0	11.8
27.5°	231.3	185.0	133.3	84.0	56.0	42.5	35.1	29.5	25.1	17.4	11.8
25°	251.7	204.8	153.2	101.3	62.6	44.9	36.7	30.5	26.2	18.3	11.8
22.5°	269.7	222.4	171.3	117.1	68.5	47.2	38.4	31.8	27.0	19.2	11.8
20°	285.8	238.3	187.8	131.7	78.3	52.1	40.2	33.0	27.7	20.2	11.8
17.5°	300.4	252.2	201.7	145.5	90.1	56.5	41.8	34.0	28.4	21.2	11.7
15°	314.6	264.0	213.5	157.8	100.4	60.3	43.3	34.8	29.0	22.2	11.6
12.5°	326.5	274.1	223.4	168.3	109.2	63.5	44.6	35.5	29.5	23.0	11.5
10°	336.1	282.5	231.5	177.2	116.6	66.1	45.7	36.1	29.9	23.7	11.3
7.5°	343.3	289.0	237.8	184.2	122.5	68.2	46.4	36.4	30.2	24.3	10.9
5°	348.5	293.9	242.3	189.4	126.7	70.0	46.8	36.5	30.4	24.7	10.4
2.5°	352.8	297.4	245.1	192.8	129.3	71.2	47.0	36.5	30.5	24.9	9.9
0°	354.9	298.9	246.2	194.2	130.2	71.8	47.0	36.4	30.6	24.9	9.3
-2.5°	352.8	297.4	245.1	192.8	129.3	71.2	47.0	36.5	30.5	24.9	9.9
-5°	348.5	293.9	242.3	189.4	126.7	70.0	46.8	36.5	30.4	24.7	10.4
-7.5°	343.3	289.0	237.8	184.2	122.5	68.2	46.4	36.4	30.2	24.3	10.9
-10°	336.1	282.5	231.5	177.2	116.6	66.1	45.7	36.1	29.9	23.7	11.3
-12.5°	326.5	274.1	223.4	168.3	109.2	63.5	44.6	35.5	29.5	23.0	11.5
-15°	314.6	264.0	213.5	157.8	100.4	60.3	43.3	34.8	29.0	22.2	11.6
-17.5°	300.4	252.2	201.7	145.5	90.1	56.5	41.8	34.0	28.4	21.2	11.7
-20°	285.8	238.3	187.8	131.7	78.3	52.1	40.2	33.0	27.7	20.2	11.8



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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°	269.7	222.4	171.3	117.1	68.5	47.2	38.4	31.8	27.0	19.2	11.8
-25°	251.7	204.8	153.2	101.3	62.6	44.9	36.7	30.5	26.2	18.3	11.8
-27.5°	231.3	185.0	133.3	84.0	56.0	42.5	35.1	29.5	25.1	17.4	11.8
-30°	209.2	161.9	112.7	68.2	49.0	40.0	33.4	28.4	23.8	17.0	11.8
-32.5°	184.8	137.1	90.8	60.0	44.7	37.4	31.6	27.3	22.6	16.8	12.0
-35°	156.4	111.5	68.8	51.5	41.6	35.3	30.0	26.1	21.6	16.6	12.1
-37.5°	126.4	85.1	59.1	45.0	38.5	33.2	28.6	24.9	20.9	16.5	12.2
-40°	97.0	64.9	49.3	41.5	35.8	30.9	27.1	23.7	20.5	16.3	12.2
-42.5°	68.3	53.9	43.7	37.8	33.3	29.1	25.4	22.4	19.7	16.1	12.0
-45°	56.3	45.2	39.6	35.0	30.8	27.1	24.0	21.2	18.8	15.8	11.7
-47.5°	45.9	40.5	36.0	32.2	28.5	25.2	22.6	20.0	17.8	15.4	11.0
-50°	40.6	36.4	33.0	29.5	26.1	23.6	21.1	18.8	16.7	14.4	10.3
-52.5°	36.1	33.2	29.9	26.7	24.1	21.9	19.6	17.5	15.6	13.1	9.4
-55°	32.4	29.8	26.8	24.2	22.1	20.2	18.1	16.3	14.4	11.7	8.4
-57.5°	28.6	26.3	23.9	21.7	19.9	18.2	16.7	15.1	13.0	10.3	7.8
-60°	24.8	22.9	20.9	19.3	17.8	16.5	15.4	13.7	11.4	8.9	6.9
-62.5°	21.0	19.5	18.3	17.0	15.7	14.8	14.0	12.1	9.9	7.8	6.0
-65°	17.6	16.7	15.7	14.5	13.6	12.9	12.2	10.5	8.5	6.6	5.1
-67.5°	14.5	13.7	12.7	11.9	11.6	11.1	10.4	8.8	7.0	5.4	4.2
-70°	11.4	10.7	10.1	10.0	9.8	9.3	8.4	7.0	5.5	4.4	3.3
-72.5°	8.5	8.3	8.3	8.4	7.9	7.2	6.3	5.2	4.3	3.4	2.5
-75°	5.6	6.1	6.5	6.5	6.0	5.2	4.6	4.0	3.2	2.4	1.9
-77.5°	4.1	4.5	4.7	4.6	4.1	3.6	3.2	2.7	2.2	1.8	1.4
-80°	2.7	2.8	2.8	2.6	2.3	2.0	1.9	1.8	1.5	1.1	0.8
-82.5°	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.8	0.5	0.4
-85°	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3
-87.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
80°	0.6	0.4	0.3	0.3	0.2	0.1	0.0
77.5°	1.0	0.6	0.4	0.3	0.2	0.1	0.0
75°	1.4	0.9	0.5	0.4	0.3	0.1	0.0
72.5°	1.8	1.2	0.7	0.4	0.3	0.2	0.0
70°	2.2	1.5	0.9	0.5	0.3	0.2	0.0
67.5°	2.9	1.8	1.1	0.6	0.4	0.2	0.0
65°	3.5	2.1	1.3	0.8	0.4	0.2	0.0
62.5°	4.1	2.5	1.5	0.9	0.5	0.2	0.0
60°	4.6	2.9	1.6	1.0	0.5	0.2	0.0
57.5°	5.2	3.2	1.8	1.1	0.6	0.3	0.0
55°	5.7	3.5	2.1	1.1	0.6	0.3	0.0
52.5°	6.1	3.8	2.2	1.2	0.7	0.3	0.0
50°	6.4	4.1	2.4	1.3	0.7	0.3	0.0
47.5°	6.7	4.3	2.5	1.4	0.8	0.3	0.0
45°	7.3	4.4	2.6	1.4	0.8	0.4	0.0
42.5°	7.7	4.5	2.7	1.5	0.9	0.4	0.0
40°	8.1	4.6	2.7	1.6	0.9	0.4	0.0
37.5°	8.4	4.6	2.7	1.6	1.0	0.4	0.0
35°	8.6	4.7	2.7	1.7	1.0	0.4	0.0
32.5°	8.6	4.8	2.7	1.8	1.0	0.4	0.0
30°	8.5	4.9	2.6	1.8	1.1	0.4	0.0
27.5°	8.2	4.9	2.7	1.9	1.1	0.4	0.0
25°	7.9	4.8	2.8	1.9	1.1	0.5	0.0
22.5°	7.6	4.8	2.9	2.0	1.2	0.5	0.0
20°	7.1	5.1	2.9	2.0	1.2	0.5	0.0
17.5°	7.1	5.3	3.0	2.1	1.2	0.5	0.0
15°	7.2	5.4	3.1	2.1	1.2	0.5	0.0
12.5°	7.3	5.6	3.1	2.1	1.3	0.5	0.0
10°	7.4	5.7	3.2	2.2	1.3	0.5	0.0
7.5°	7.5	5.8	3.2	2.2	1.3	0.5	0.0
5°	7.6	5.8	3.2	2.2	1.3	0.5	0.0
2.5°	7.7	5.9	3.3	2.2	1.3	0.5	0.0
0°	7.7	5.9	3.3	2.2	1.3	0.5	0.0
-2.5°	7.7	5.9	3.3	2.2	1.3	0.5	0.0
-5°	7.6	5.8	3.2	2.2	1.3	0.5	0.0
-7.5°	7.5	5.8	3.2	2.2	1.3	0.5	0.0
-10°	7.4	5.7	3.2	2.2	1.3	0.5	0.0
-12.5°	7.3	5.6	3.1	2.1	1.3	0.5	0.0
-15°	7.2	5.4	3.1	2.1	1.2	0.5	0.0
-17.5°	7.1	5.3	3.0	2.1	1.2	0.5	0.0
-20°	7.1	5.1	2.9	2.0	1.2	0.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.6	4.8	2.9	2.0	1.2	0.5	0.0
-25°	7.9	4.8	2.8	1.9	1.1	0.5	0.0
-27.5°	8.2	4.9	2.7	1.9	1.1	0.4	0.0
-30°	8.5	4.9	2.6	1.8	1.1	0.4	0.0
-32.5°	8.6	4.8	2.7	1.8	1.0	0.4	0.0
-35°	8.6	4.7	2.7	1.7	1.0	0.4	0.0
-37.5°	8.4	4.6	2.7	1.6	1.0	0.4	0.0
-40°	8.1	4.6	2.7	1.6	0.9	0.4	0.0
-42.5°	7.7	4.5	2.7	1.5	0.9	0.4	0.0
-45°	7.3	4.4	2.6	1.4	0.8	0.4	0.0
-47.5°	6.7	4.3	2.5	1.4	0.8	0.3	0.0
-50°	6.4	4.1	2.4	1.3	0.7	0.3	0.0
-52.5°	6.1	3.8	2.2	1.2	0.7	0.3	0.0
-55°	5.7	3.5	2.1	1.1	0.6	0.3	0.0
-57.5°	5.2	3.2	1.8	1.1	0.6	0.3	0.0
-60°	4.6	2.9	1.6	1.0	0.5	0.2	0.0
-62.5°	4.1	2.5	1.5	0.9	0.5	0.2	0.0
-65°	3.5	2.1	1.3	0.8	0.4	0.2	0.0
-67.5°	2.9	1.8	1.1	0.6	0.4	0.2	0.0
-70°	2.2	1.5	0.9	0.5	0.3	0.2	0.0
-72.5°	1.8	1.2	0.7	0.4	0.3	0.2	0.0
-75°	1.4	0.9	0.5	0.4	0.3	0.1	0.0
-77.5°	1.0	0.6	0.4	0.3	0.2	0.1	0.0
-80°	0.6	0.4	0.3	0.3	0.2	0.1	0.0
-82.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-85°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)