

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: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
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-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

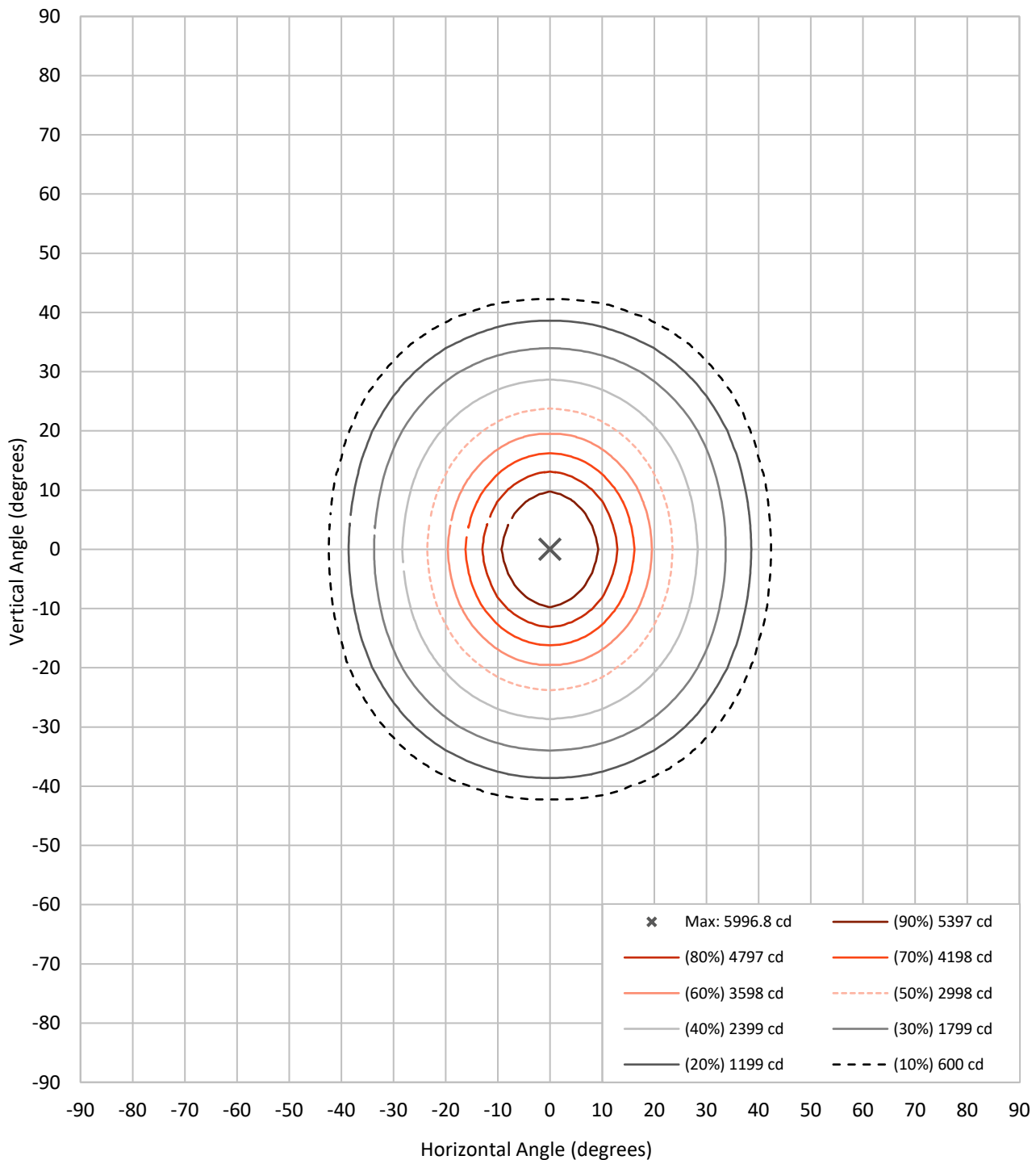
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	4668.2 lumens	Max Intensity:	5996.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2202.8 lumens	Field Lumens:	4238.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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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### Iso-Candela Plot





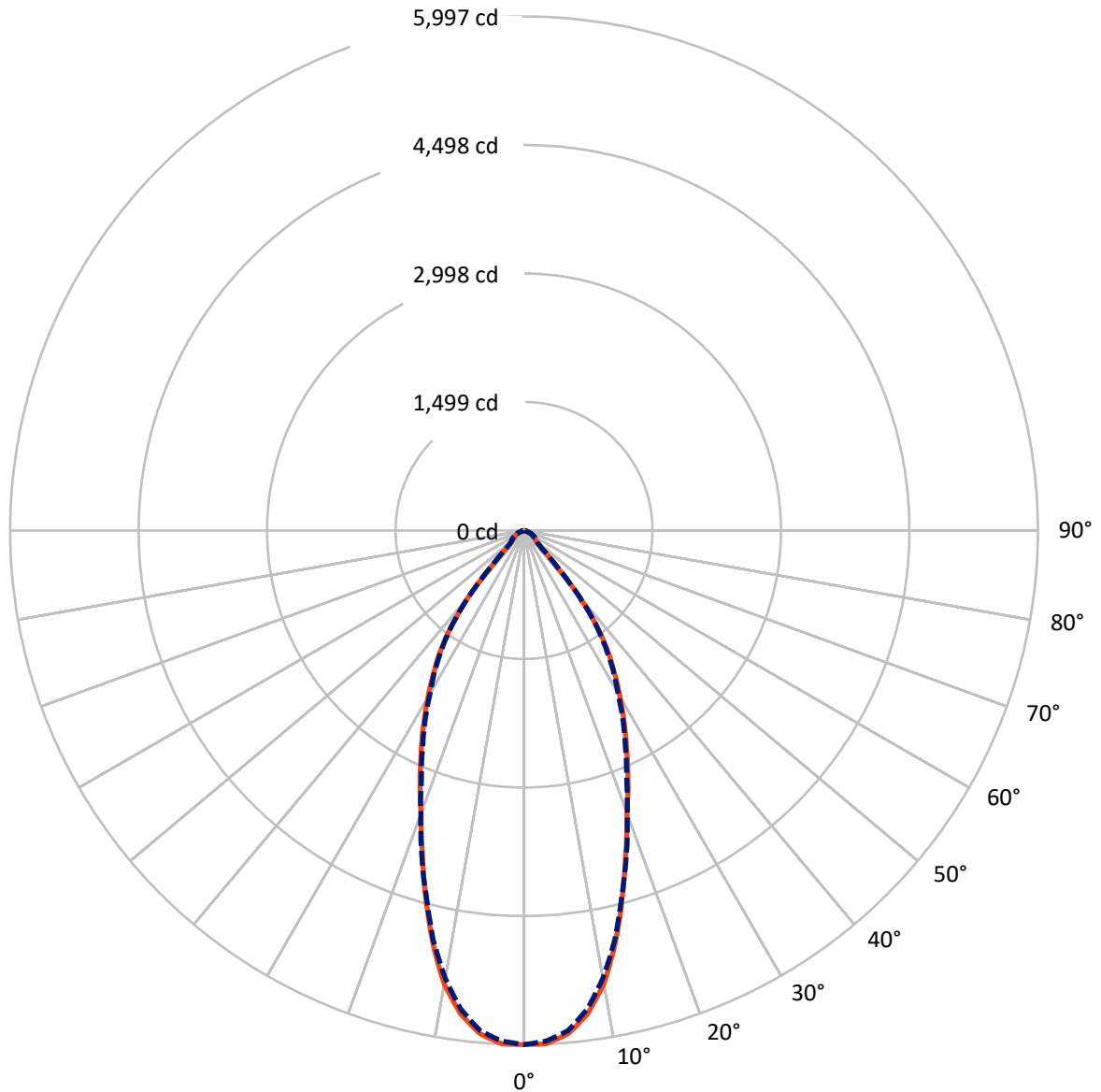
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### Lumen Table

90																			
80	0.1	0.6		1.3		2.1		1.6		2.1		1.3		0.6		0.1			
70																			
60	0.3	0.4	0.7	1.1	1.5	1.9	2.1	2.3	2.3	2.1	1.9	1.5	1.1	0.7	0.4	0.3			
50		0.6	1.1	1.9	2.7	3.4	3.8	4.2	4.2	3.8	3.4	2.7	1.9	1.1	0.6				
40	0.5	0.7	1.6	2.6	3.8	5.2	8.3	11.6	11.6	8.3	5.2	3.8	2.6	1.6	0.7	0.5			
30		0.9	2.0	3.3	6.2	19.7	38.3	48.8	48.8	38.3	19.7	6.2	3.3	2.0	0.9				
20	0.5	1.1	2.3	4.1	18.0	47.0	69.4	84.0	84.0	69.4	47.0	18.0	4.1	2.3	1.1	0.5			
10		1.2	2.5	6.3	32.7	64.9	98.6	128.3	128.3	98.6	64.9	32.7	6.3	2.5	1.2				
0	0.6	1.3	2.7	8.7	39.8	75.7	124.0	167.7	167.7	124.0	75.7	39.8	8.7	2.7	1.3	0.6			
-10		1.3	2.7	8.7	39.8	75.7	124.0	167.7	167.7	124.0	75.7	39.8	8.7	2.7	1.3				
-20	0.5	1.2	2.5	6.3	32.7	64.9	98.6	128.3	128.3	98.6	64.9	32.7	6.3	2.5	1.2	0.5			
-30		1.1	2.3	4.1	18.0	47.0	69.4	84.0	84.0	69.4	47.0	18.0	4.1	2.3	1.1				
-40	0.5	0.9	2.0	3.3	6.2	19.7	38.3	48.8	48.8	38.3	19.7	6.2	3.3	2.0	0.9	0.5			
-50		0.7	1.6	2.6	3.8	5.2	8.3	11.6	11.6	8.3	5.2	3.8	2.6	1.6	0.7				
-60	0.3	0.6	1.1	1.9	2.7	3.4	3.8	4.2	4.2	3.8	3.4	2.7	1.9	1.1	0.6	0.3			
-70		0.4	0.7	1.1	1.5	1.9	2.1	2.3	2.3	2.1	1.9	1.5	1.1	0.7	0.4				
-80																			
-90	0.1	0.6		1.3		2.1		1.6		2.1		1.3		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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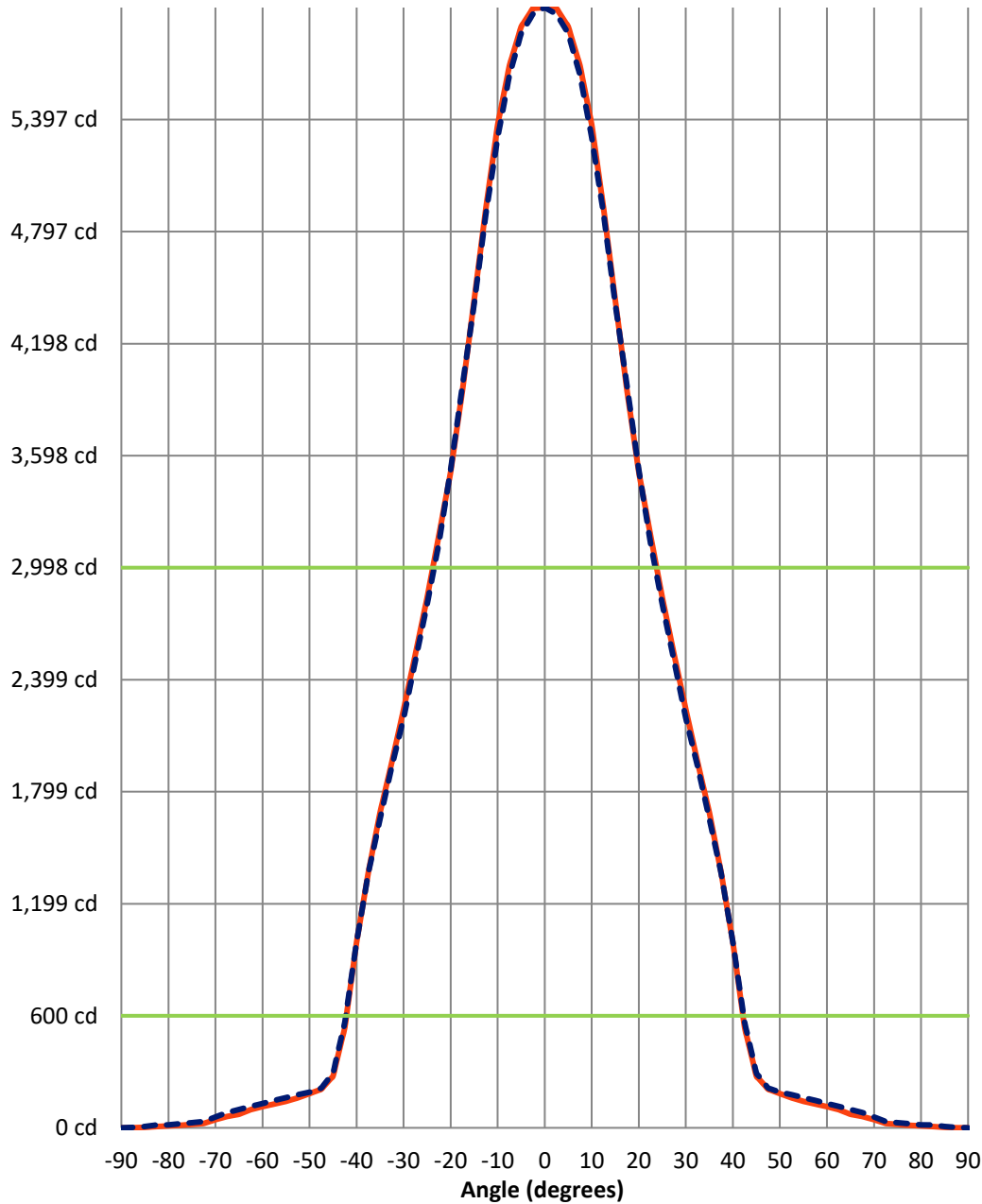
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 2202.8  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 4238.7  
Efficiency: 90.8%

**Spill:**  
Lumens: 429.5  
Efficiency: 9.2%

- 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	0.5	0.6	0.8	0.9	1.0	1.1	1.1
85°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.8	2.0	2.2	2.3
82.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.1	3.7	4.2
80°	0.0	0.4	0.8	1.3	1.9	2.5	3.4	4.5	5.3	6.0	6.5
77.5°	0.0	0.5	1.0	1.6	2.4	3.5	5.3	6.6	7.6	8.3	9.0
75°	0.0	0.6	1.2	1.9	2.9	4.9	7.2	8.7	9.9	11.1	12.1
72.5°	0.0	0.7	1.4	2.2	4.0	6.3	9.0	11.0	12.8	14.2	15.2
70°	0.0	0.8	1.6	2.6	5.0	7.7	10.8	13.7	15.7	17.3	19.7
67.5°	0.0	0.9	1.8	3.3	6.0	9.1	13.0	16.4	18.6	21.1	24.4
65°	0.0	1.0	1.9	4.0	7.0	10.5	15.0	19.1	21.6	24.9	28.8
62.5°	0.0	1.1	2.1	4.7	7.9	12.0	17.0	21.5	24.5	28.4	32.8
60°	0.0	1.1	2.3	5.3	8.8	13.5	18.9	23.7	27.3	32.1	36.8
57.5°	0.0	1.2	2.7	5.9	9.8	14.9	20.1	25.7	30.3	35.6	40.3
55°	0.0	1.3	3.1	6.5	10.8	16.2	21.2	27.1	33.5	39.0	43.5
52.5°	0.0	1.4	3.4	7.0	11.7	17.3	22.1	29.0	36.5	41.9	46.7
50°	0.0	1.5	3.8	7.5	12.6	17.8	22.8	30.8	39.4	44.7	50.2
47.5°	0.0	1.6	4.1	8.0	13.4	18.3	23.5	32.4	41.8	47.4	53.6
45°	0.0	1.6	4.5	8.6	14.1	18.6	24.7	33.8	43.0	50.3	56.9
42.5°	0.0	1.7	4.8	9.0	14.7	18.8	25.6	34.8	44.0	53.1	60.2
40°	0.0	1.8	5.1	9.6	15.1	18.9	26.4	35.4	44.8	55.6	63.5
37.5°	0.0	1.8	5.3	10.1	15.1	18.9	27.0	35.8	45.8	56.8	66.6
35°	0.0	1.9	5.6	10.6	15.1	19.1	27.5	36.1	46.5	58.7	69.5
32.5°	0.0	1.9	5.8	11.1	15.0	19.4	27.7	36.1	47.2	60.9	72.3
30°	0.0	2.0	6.1	11.6	14.9	19.6	27.7	36.1	47.6	63.5	75.0
27.5°	0.0	2.0	6.3	12.1	15.0	19.7	27.5	36.4	48.6	66.4	77.6
25°	0.0	2.1	6.5	12.5	15.2	19.6	27.2	36.5	50.5	68.8	80.2
22.5°	0.0	2.1	6.6	12.9	15.3	19.7	26.8	36.4	52.6	70.8	83.3
20°	0.0	2.2	6.8	13.3	15.5	20.2	26.2	36.2	54.6	72.7	86.2
17.5°	0.0	2.2	6.9	13.7	15.6	20.6	26.2	35.9	56.7	74.4	88.8
15°	0.0	2.2	7.0	14.0	15.6	21.0	26.6	35.8	58.7	76.0	91.0
12.5°	0.0	2.2	7.1	14.3	15.7	21.3	26.9	35.9	60.0	77.4	92.9
10°	0.0	2.3	7.1	14.6	15.7	21.6	27.2	35.9	60.6	78.5	94.6
7.5°	0.0	2.3	7.2	14.8	15.8	21.8	27.4	35.6	60.6	79.6	96.0
5°	0.0	2.3	7.2	15.0	15.8	22.0	27.5	35.1	60.2	80.6	97.0
2.5°	0.0	2.3	7.2	15.2	15.8	22.1	27.5	34.5	59.4	81.4	97.7
0°	0.0	2.3	7.2	15.3	15.8	22.1	27.5	33.8	58.1	81.9	98.1
-2.5°	0.0	2.3	7.2	15.2	15.8	22.1	27.5	34.5	59.4	81.4	97.7
-5°	0.0	2.3	7.2	15.0	15.8	22.0	27.5	35.1	60.2	80.6	97.0
-7.5°	0.0	2.3	7.2	14.8	15.8	21.8	27.4	35.6	60.6	79.6	96.0
-10°	0.0	2.3	7.1	14.6	15.7	21.6	27.2	35.9	60.6	78.5	94.6
-12.5°	0.0	2.2	7.1	14.3	15.7	21.3	26.9	35.9	60.0	77.4	92.9
-15°	0.0	2.2	7.0	14.0	15.6	21.0	26.6	35.8	58.7	76.0	91.0
-17.5°	0.0	2.2	6.9	13.7	15.6	20.6	26.2	35.9	56.7	74.4	88.8
-20°	0.0	2.2	6.8	13.3	15.5	20.2	26.2	36.2	54.6	72.7	86.2



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 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.1	6.6	12.9	15.3	19.7	26.8	36.4	52.6	70.8	83.3
-25°	0.0	2.1	6.5	12.5	15.2	19.6	27.2	36.5	50.5	68.8	80.2
-27.5°	0.0	2.0	6.3	12.1	15.0	19.7	27.5	36.4	48.6	66.4	77.6
-30°	0.0	2.0	6.1	11.6	14.9	19.6	27.7	36.1	47.6	63.5	75.0
-32.5°	0.0	1.9	5.8	11.1	15.0	19.4	27.7	36.1	47.2	60.9	72.3
-35°	0.0	1.9	5.6	10.6	15.1	19.1	27.5	36.1	46.5	58.7	69.5
-37.5°	0.0	1.8	5.3	10.1	15.1	18.9	27.0	35.8	45.8	56.8	66.6
-40°	0.0	1.8	5.1	9.6	15.1	18.9	26.4	35.4	44.8	55.6	63.5
-42.5°	0.0	1.7	4.8	9.0	14.7	18.8	25.6	34.8	44.0	53.1	60.2
-45°	0.0	1.6	4.5	8.6	14.1	18.6	24.7	33.8	43.0	50.3	56.9
-47.5°	0.0	1.6	4.1	8.0	13.4	18.3	23.5	32.4	41.8	47.4	53.6
-50°	0.0	1.5	3.8	7.5	12.6	17.8	22.8	30.8	39.4	44.7	50.2
-52.5°	0.0	1.4	3.4	7.0	11.7	17.3	22.1	29.0	36.5	41.9	46.7
-55°	0.0	1.3	3.1	6.5	10.8	16.2	21.2	27.1	33.5	39.0	43.5
-57.5°	0.0	1.2	2.7	5.9	9.8	14.9	20.1	25.7	30.3	35.6	40.3
-60°	0.0	1.1	2.3	5.3	8.8	13.5	18.9	23.7	27.3	32.1	36.8
-62.5°	0.0	1.1	2.1	4.7	7.9	12.0	17.0	21.5	24.5	28.4	32.8
-65°	0.0	1.0	1.9	4.0	7.0	10.5	15.0	19.1	21.6	24.9	28.8
-67.5°	0.0	0.9	1.8	3.3	6.0	9.1	13.0	16.4	18.6	21.1	24.4
-70°	0.0	0.8	1.6	2.6	5.0	7.7	10.8	13.7	15.7	17.3	19.7
-72.5°	0.0	0.7	1.4	2.2	4.0	6.3	9.0	11.0	12.8	14.2	15.2
-75°	0.0	0.6	1.2	1.9	2.9	4.9	7.2	8.7	9.9	11.1	12.1
-77.5°	0.0	0.5	1.0	1.6	2.4	3.5	5.3	6.6	7.6	8.3	9.0
-80°	0.0	0.4	0.8	1.3	1.9	2.5	3.4	4.5	5.3	6.0	6.5
-82.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.1	3.7	4.2
-85°	0.0	0.2	0.4	0.7	1.0	1.3	1.7	1.8	2.0	2.2	2.3
-87.5°	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	1.0	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





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.6	0.7	0.7	0.7
85°	2.3	2.3	2.4	2.6	2.7	2.6	2.6	2.4	2.8	3.2	3.6
82.5°	4.6	5.0	5.3	5.7	5.7	5.6	5.4	5.2	6.0	7.0	8.0
80°	7.0	7.6	8.5	9.4	9.7	9.6	9.3	8.8	9.9	11.5	13.3
77.5°	10.1	11.3	12.5	13.8	14.1	13.9	13.3	12.3	13.7	16.3	19.2
75°	13.4	14.9	16.9	18.5	18.8	18.3	17.3	16.5	18.2	21.4	24.5
72.5°	17.5	20.0	22.0	23.3	23.4	22.9	22.5	22.0	23.9	27.7	30.9
70°	22.7	25.3	26.8	27.6	27.8	28.0	29.3	30.5	32.4	35.7	38.3
67.5°	27.9	29.9	31.2	32.2	34.2	36.0	37.8	39.6	41.7	44.4	46.4
65°	32.5	34.6	36.3	38.7	41.5	43.7	46.1	48.6	51.5	54.1	56.0
62.5°	37.0	39.3	41.8	44.9	48.1	51.1	54.6	58.2	61.6	64.6	67.8
60°	40.8	43.8	47.1	50.8	54.8	59.3	63.5	67.6	71.4	75.1	79.6
57.5°	44.4	48.4	52.5	56.9	62.1	67.6	72.6	77.1	81.8	87.1	91.6
55°	48.1	53.1	57.8	63.2	69.4	76.1	81.5	86.5	92.4	98.8	103.8
52.5°	52.1	57.7	63.2	69.7	77.2	83.8	89.4	95.8	102.9	109.8	115.6
50°	56.0	62.2	68.6	76.8	84.2	90.6	97.6	105.3	112.6	119.7	126.6
47.5°	60.0	66.6	75.1	83.5	90.4	97.9	106.1	113.9	121.6	129.1	136.3
45°	63.9	71.7	81.2	89.1	96.8	105.4	113.8	122.0	130.2	138.1	146.0
42.5°	67.6	76.7	86.2	94.6	103.5	112.4	121.2	129.9	138.5	147.0	155.3
40°	71.7	81.3	91.3	100.4	109.7	119.0	128.2	137.5	146.5	155.5	164.4
37.5°	75.5	86.0	96.4	106.0	115.5	125.3	135.0	144.7	154.3	163.7	173.7
35°	78.8	90.7	101.3	111.4	121.3	131.2	141.5	151.7	161.8	171.9	184.8
32.5°	82.6	95.5	105.9	116.5	126.8	137.0	147.6	158.5	169.2	181.1	199.6
30°	86.8	99.6	110.3	121.4	132.0	142.7	153.7	165.0	176.3	194.7	237.5
27.5°	91.0	103.3	114.6	125.9	136.8	147.9	159.4	171.1	186.9	215.3	284.6
25°	94.8	106.8	118.6	130.0	141.3	152.8	164.7	176.9	198.3	255.7	408.7
22.5°	98.0	110.3	122.5	133.8	145.3	157.2	169.6	185.8	218.8	296.4	546.9
20°	100.8	113.6	126.0	137.8	149.1	161.2	174.1	194.3	250.0	412.6	712.4
17.5°	103.4	116.5	129.2	141.6	153.5	165.3	178.6	201.6	278.1	513.7	878.8
15°	105.8	119.2	132.3	145.1	157.5	169.8	185.6	222.3	335.0	614.0	1027.0
12.5°	107.9	121.5	135.0	148.4	161.0	173.7	191.9	243.0	404.6	731.6	1128.2
10°	109.8	123.5	137.5	151.4	164.2	177.2	197.2	259.9	461.8	828.4	1209.5
7.5°	111.5	125.4	139.8	154.0	166.9	180.2	201.5	273.2	506.0	901.3	1274.4
5°	112.9	127.3	142.5	156.9	170.3	183.4	205.3	282.7	537.1	950.4	1321.6
2.5°	114.0	128.9	144.9	159.5	174.0	187.4	209.6	289.7	557.1	981.7	1351.9
0°	114.8	130.1	146.8	161.6	177.4	190.9	213.0	293.1	564.6	993.2	1363.2
-2.5°	114.0	128.9	144.9	159.5	174.0	187.4	209.6	289.7	557.1	981.7	1351.9
-5°	112.9	127.3	142.5	156.9	170.3	183.4	205.3	282.7	537.1	950.4	1321.6
-7.5°	111.5	125.4	139.8	154.0	166.9	180.2	201.5	273.2	506.0	901.3	1274.4
-10°	109.8	123.5	137.5	151.4	164.2	177.2	197.2	259.9	461.8	828.4	1209.5
-12.5°	107.9	121.5	135.0	148.4	161.0	173.7	191.9	243.0	404.6	731.6	1128.2
-15°	105.8	119.2	132.3	145.1	157.5	169.8	185.6	222.3	335.0	614.0	1027.0
-17.5°	103.4	116.5	129.2	141.6	153.5	165.3	178.6	201.6	278.1	513.7	878.8
-20°	100.8	113.6	126.0	137.8	149.1	161.2	174.1	194.3	250.0	412.6	712.4



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	98.0	110.3	122.5	133.8	145.3	157.2	169.6	185.8	218.8	296.4	546.9
-25°	94.8	106.8	118.6	130.0	141.3	152.8	164.7	176.9	198.3	255.7	408.7
-27.5°	91.0	103.3	114.6	125.9	136.8	147.9	159.4	171.1	186.9	215.3	284.6
-30°	86.8	99.6	110.3	121.4	132.0	142.7	153.7	165.0	176.3	194.7	237.5
-32.5°	82.6	95.5	105.9	116.5	126.8	137.0	147.6	158.5	169.2	181.1	199.6
-35°	78.8	90.7	101.3	111.4	121.3	131.2	141.5	151.7	161.8	171.9	184.8
-37.5°	75.5	86.0	96.4	106.0	115.5	125.3	135.0	144.7	154.3	163.7	173.7
-40°	71.7	81.3	91.3	100.4	109.7	119.0	128.2	137.5	146.5	155.5	164.4
-42.5°	67.6	76.7	86.2	94.6	103.5	112.4	121.2	129.9	138.5	147.0	155.3
-45°	63.9	71.7	81.2	89.1	96.8	105.4	113.8	122.0	130.2	138.1	146.0
-47.5°	60.0	66.6	75.1	83.5	90.4	97.9	106.1	113.9	121.6	129.1	136.3
-50°	56.0	62.2	68.6	76.8	84.2	90.6	97.6	105.3	112.6	119.7	126.6
-52.5°	52.1	57.7	63.2	69.7	77.2	83.8	89.4	95.8	102.9	109.8	115.6
-55°	48.1	53.1	57.8	63.2	69.4	76.1	81.5	86.5	92.4	98.8	103.8
-57.5°	44.4	48.4	52.5	56.9	62.1	67.6	72.6	77.1	81.8	87.1	91.6
-60°	40.8	43.8	47.1	50.8	54.8	59.3	63.5	67.6	71.4	75.1	79.6
-62.5°	37.0	39.3	41.8	44.9	48.1	51.1	54.6	58.2	61.6	64.6	67.8
-65°	32.5	34.6	36.3	38.7	41.5	43.7	46.1	48.6	51.5	54.1	56.0
-67.5°	27.9	29.9	31.2	32.2	34.2	36.0	37.8	39.6	41.7	44.4	46.4
-70°	22.7	25.3	26.8	27.6	27.8	28.0	29.3	30.5	32.4	35.7	38.3
-72.5°	17.5	20.0	22.0	23.3	23.4	22.9	22.5	22.0	23.9	27.7	30.9
-75°	13.4	14.9	16.9	18.5	18.8	18.3	17.3	16.5	18.2	21.4	24.5
-77.5°	10.1	11.3	12.5	13.8	14.1	13.9	13.3	12.3	13.7	16.3	19.2
-80°	7.0	7.6	8.5	9.4	9.7	9.6	9.3	8.8	9.9	11.5	13.3
-82.5°	4.6	5.0	5.3	5.7	5.7	5.6	5.4	5.2	6.0	7.0	8.0
-85°	2.3	2.3	2.4	2.6	2.7	2.6	2.6	2.4	2.8	3.2	3.6
-87.5°	1.1	1.1	1.1	1.0	1.0	0.9	0.8	0.6	0.7	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-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°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7
85°	4.1	4.0	3.7	3.4	3.1	3.3	3.5	3.7	3.9	3.6	3.3
82.5°	9.1	9.2	9.2	9.2	9.2	9.6	9.9	10.3	10.6	9.8	8.8
80°	15.3	16.1	16.5	16.9	17.2	17.2	17.0	16.6	16.0	14.7	13.1
77.5°	22.1	23.3	23.8	24.4	25.0	25.2	25.4	25.5	25.7	23.3	20.3
75°	27.4	29.1	30.1	31.0	31.9	32.4	32.6	32.8	32.9	30.0	26.3
72.5°	33.4	35.1	36.3	37.4	38.5	39.2	39.6	39.9	40.1	37.6	34.1
70°	40.1	41.4	42.9	44.3	45.6	46.5	47.1	47.5	47.9	47.6	47.4
67.5°	48.0	49.1	50.9	52.2	53.6	54.5	55.5	56.3	56.9	57.6	58.4
65°	57.8	60.6	63.1	64.4	64.6	66.0	68.3	69.7	70.5	71.1	71.8
62.5°	71.5	74.9	76.7	78.8	81.6	84.2	85.2	86.5	88.1	90.1	92.2
60°	83.3	86.0	88.9	91.9	94.4	96.6	98.9	101.2	103.3	105.3	107.1
57.5°	95.3	98.3	101.2	104.8	107.2	108.7	110.9	113.7	115.8	117.5	120.0
55°	107.8	111.7	115.7	118.9	121.2	122.7	124.4	127.0	128.6	129.2	132.1
52.5°	120.3	125.0	129.9	133.6	136.0	138.3	140.4	142.7	144.3	145.1	147.9
50°	131.9	137.5	142.9	147.7	151.0	154.7	159.0	161.1	162.5	164.0	167.2
47.5°	142.9	149.1	155.0	160.4	165.1	169.3	173.0	176.5	181.7	185.9	190.0
45°	153.5	160.2	166.5	172.6	177.8	186.1	194.0	200.7	218.7	233.8	245.3
42.5°	163.5	171.5	178.7	188.8	199.9	219.0	248.6	276.0	329.0	397.2	454.2
40°	173.9	184.3	197.1	216.9	254.3	292.7	407.6	510.0	610.7	725.2	823.4
37.5°	186.1	201.7	239.3	284.0	403.8	536.4	699.2	859.1	998.3	1117.4	1216.8
35°	202.1	250.5	320.8	483.5	660.6	877.9	1065.6	1215.9	1353.4	1463.8	1546.8
32.5°	249.6	338.0	523.8	747.5	991.1	1201.1	1383.9	1527.8	1653.2	1752.1	1829.1
30°	319.0	522.4	774.6	1042.6	1285.2	1485.7	1654.6	1791.7	1903.7	2004.3	2088.8
27.5°	484.1	745.8	1042.2	1315.5	1536.2	1723.9	1875.4	2011.3	2134.7	2240.7	2340.5
25°	664.7	988.7	1287.6	1536.4	1742.3	1918.4	2078.2	2226.9	2365.1	2489.1	2605.2
22.5°	881.6	1204.7	1490.4	1720.7	1920.2	2101.1	2270.8	2436.3	2597.1	2748.5	2889.0
20°	1078.0	1395.1	1644.2	1874.2	2081.5	2270.0	2457.1	2649.9	2835.5	3017.8	3187.1
17.5°	1231.1	1526.0	1776.1	2009.2	2220.2	2433.7	2647.8	2869.2	3093.1	3304.8	3507.3
15°	1358.8	1635.2	1888.7	2121.8	2353.8	2589.4	2828.5	3089.4	3355.7	3609.1	3867.2
12.5°	1449.4	1726.3	1983.4	2217.2	2477.3	2733.1	3011.4	3308.8	3616.4	3911.5	4228.5
10°	1522.2	1799.0	2053.9	2306.0	2581.3	2864.9	3177.1	3504.7	3871.7	4221.1	4562.7
7.5°	1584.7	1859.7	2110.6	2378.5	2667.9	2979.6	3319.2	3689.4	4086.6	4475.5	4882.1
5°	1630.4	1901.1	2154.6	2437.9	2734.4	3063.3	3428.7	3824.3	4250.3	4676.4	5078.5
2.5°	1654.6	1924.7	2182.0	2474.7	2773.5	3114.1	3494.6	3913.9	4363.9	4828.8	5225.2
0°	1654.1	1934.6	2192.5	2499.6	2802.1	3129.4	3522.9	3971.3	4410.3	4893.4	5300.4
-2.5°	1654.6	1924.7	2182.0	2474.7	2773.5	3114.1	3494.6	3913.9	4363.9	4828.8	5225.2
-5°	1630.4	1901.1	2154.6	2437.9	2734.4	3063.3	3428.7	3824.3	4250.3	4676.4	5078.5
-7.5°	1584.7	1859.7	2110.6	2378.5	2667.9	2979.6	3319.2	3689.4	4086.6	4475.5	4882.1
-10°	1522.2	1799.0	2053.9	2306.0	2581.3	2864.9	3177.1	3504.7	3871.7	4221.1	4562.7
-12.5°	1449.4	1726.3	1983.4	2217.2	2477.3	2733.1	3011.4	3308.8	3616.4	3911.5	4228.5
-15°	1358.8	1635.2	1888.7	2121.8	2353.8	2589.4	2828.5	3089.4	3355.7	3609.1	3867.2
-17.5°	1231.1	1526.0	1776.1	2009.2	2220.2	2433.7	2647.8	2869.2	3093.1	3304.8	3507.3
-20°	1078.0	1395.1	1644.2	1874.2	2081.5	2270.0	2457.1	2649.9	2835.5	3017.8	3187.1



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	881.6	1204.7	1490.4	1720.7	1920.2	2101.1	2270.8	2436.3	2597.1	2748.5	2889.0
-25°	664.7	988.7	1287.6	1536.4	1742.3	1918.4	2078.2	2226.9	2365.1	2489.1	2605.2
-27.5°	484.1	745.8	1042.2	1315.5	1536.2	1723.9	1875.4	2011.3	2134.7	2240.7	2340.5
-30°	319.0	522.4	774.6	1042.6	1285.2	1485.7	1654.6	1791.7	1903.7	2004.3	2088.8
-32.5°	249.6	338.0	523.8	747.5	991.1	1201.1	1383.9	1527.8	1653.2	1752.1	1829.1
-35°	202.1	250.5	320.8	483.5	660.6	877.9	1065.6	1215.9	1353.4	1463.8	1546.8
-37.5°	186.1	201.7	239.3	284.0	403.8	536.4	699.2	859.1	998.3	1117.4	1216.8
-40°	173.9	184.3	197.1	216.9	254.3	292.7	407.6	510.0	610.7	725.2	823.4
-42.5°	163.5	171.5	178.7	188.8	199.9	219.0	248.6	276.0	329.0	397.2	454.2
-45°	153.5	160.2	166.5	172.6	177.8	186.1	194.0	200.7	218.7	233.8	245.3
-47.5°	142.9	149.1	155.0	160.4	165.1	169.3	173.0	176.5	181.7	185.9	190.0
-50°	131.9	137.5	142.9	147.7	151.0	154.7	159.0	161.1	162.5	164.0	167.2
-52.5°	120.3	125.0	129.9	133.6	136.0	138.3	140.4	142.7	144.3	145.1	147.9
-55°	107.8	111.7	115.7	118.9	121.2	122.7	124.4	127.0	128.6	129.2	132.1
-57.5°	95.3	98.3	101.2	104.8	107.2	108.7	110.9	113.7	115.8	117.5	120.0
-60°	83.3	86.0	88.9	91.9	94.4	96.6	98.9	101.2	103.3	105.3	107.1
-62.5°	71.5	74.9	76.7	78.8	81.6	84.2	85.2	86.5	88.1	90.1	92.2
-65°	57.8	60.6	63.1	64.4	64.6	66.0	68.3	69.7	70.5	71.1	71.8
-67.5°	48.0	49.1	50.9	52.2	53.6	54.5	55.5	56.3	56.9	57.6	58.4
-70°	40.1	41.4	42.9	44.3	45.6	46.5	47.1	47.5	47.9	47.6	47.4
-72.5°	33.4	35.1	36.3	37.4	38.5	39.2	39.6	39.9	40.1	37.6	34.1
-75°	27.4	29.1	30.1	31.0	31.9	32.4	32.6	32.8	32.9	30.0	26.3
-77.5°	22.1	23.3	23.8	24.4	25.0	25.2	25.4	25.5	25.7	23.3	20.3
-80°	15.3	16.1	16.5	16.9	17.2	17.2	17.0	16.6	16.0	14.7	13.1
-82.5°	9.1	9.2	9.2	9.2	9.2	9.6	9.9	10.3	10.6	9.8	8.8
-85°	4.1	4.0	3.7	3.4	3.1	3.3	3.5	3.7	3.9	3.6	3.3
-87.5°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-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°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.9	0.9
85°	3.0	2.7	2.7	2.7	2.7	2.7	3.0	3.3	3.6	3.9	3.7
82.5°	7.8	6.8	6.8	6.8	6.8	6.8	7.8	8.8	9.8	10.6	10.3
80°	11.5	9.9	10.1	10.4	10.1	9.9	11.5	13.1	14.7	16.0	16.6
77.5°	17.0	13.6	13.5	13.5	13.5	13.6	17.0	20.3	23.3	25.7	25.5
75°	22.5	18.7	18.5	18.5	18.5	18.7	22.5	26.3	30.0	32.9	32.8
72.5°	30.5	26.7	25.0	23.4	25.0	26.7	30.5	34.1	37.6	40.1	39.9
70°	47.5	47.6	45.9	43.7	45.9	47.6	47.5	47.4	47.6	47.9	47.5
67.5°	59.0	59.5	60.2	60.8	60.2	59.5	59.0	58.4	57.6	56.9	56.3
65°	72.2	72.1	72.4	72.5	72.4	72.1	72.2	71.8	71.1	70.5	69.7
62.5°	94.1	95.7	96.7	97.2	96.7	95.7	94.1	92.2	90.1	88.1	86.5
60°	108.7	110.0	111.8	113.5	111.8	110.0	108.7	107.1	105.3	103.3	101.2
57.5°	122.3	124.4	126.1	127.4	126.1	124.4	122.3	120.0	117.5	115.8	113.7
55°	134.9	137.4	139.7	141.8	139.7	137.4	134.9	132.1	129.2	128.6	127.0
52.5°	150.7	152.7	156.1	160.3	156.1	152.7	150.7	147.9	145.1	144.3	142.7
50°	170.8	173.9	178.1	183.2	178.1	173.9	170.8	167.2	164.0	162.5	161.1
47.5°	194.1	197.2	201.3	206.6	201.3	197.2	194.1	190.0	185.9	181.7	176.5
45°	255.9	263.1	269.7	276.9	269.7	263.1	255.9	245.3	233.8	218.7	200.7
42.5°	499.9	531.4	545.1	537.1	545.1	531.4	499.9	454.2	397.2	329.0	276.0
40°	898.2	950.7	981.6	992.3	981.6	950.7	898.2	823.4	725.2	610.7	510.0
37.5°	1289.4	1337.7	1363.8	1366.8	1363.8	1337.7	1289.4	1216.8	1117.4	998.3	859.1
35°	1606.8	1646.6	1670.1	1687.8	1670.1	1646.6	1606.8	1546.8	1463.8	1353.4	1215.9
32.5°	1891.8	1937.1	1963.3	1957.5	1963.3	1937.1	1891.8	1829.1	1752.1	1653.2	1527.8
30°	2158.0	2207.6	2238.4	2239.4	2238.4	2207.6	2158.0	2088.8	2004.3	1903.7	1791.7
27.5°	2421.3	2477.0	2509.1	2534.2	2509.1	2477.0	2421.3	2340.5	2240.7	2134.7	2011.3
25°	2702.1	2771.5	2812.8	2837.7	2812.8	2771.5	2702.1	2605.2	2489.1	2365.1	2226.9
22.5°	3004.9	3090.9	3147.3	3170.8	3147.3	3090.9	3004.9	2889.0	2748.5	2597.1	2436.3
20°	3334.3	3440.8	3512.9	3510.8	3512.9	3440.8	3334.3	3187.1	3017.8	2835.5	2649.9
17.5°	3701.8	3839.2	3932.2	3945.7	3932.2	3839.2	3701.8	3507.3	3304.8	3093.1	2869.2
15°	4095.8	4272.9	4393.2	4430.5	4393.2	4272.9	4095.8	3867.2	3609.1	3355.7	3089.4
12.5°	4499.5	4710.3	4870.6	4924.0	4870.6	4710.3	4499.5	4228.5	3911.5	3616.4	3308.8
10°	4884.2	5117.7	5291.7	5368.8	5291.7	5117.7	4884.2	4562.7	4221.1	3871.7	3504.7
7.5°	5205.8	5443.0	5622.3	5685.7	5622.3	5443.0	5205.8	4882.1	4475.5	4086.6	3689.4
5°	5417.6	5676.8	5816.2	5894.6	5816.2	5676.8	5417.6	5078.5	4676.4	4250.3	3824.3
2.5°	5559.2	5779.0	5920.2	5992.3	5920.2	5779.0	5559.2	5225.2	4828.8	4363.9	3913.9
0°	5634.4	5858.2	5961.7	5996.8	5961.7	5858.2	5634.4	5300.4	4893.4	4410.3	3971.3
-2.5°	5559.2	5779.0	5920.2	5992.3	5920.2	5779.0	5559.2	5225.2	4828.8	4363.9	3913.9
-5°	5417.6	5676.8	5816.2	5894.6	5816.2	5676.8	5417.6	5078.5	4676.4	4250.3	3824.3
-7.5°	5205.8	5443.0	5622.3	5685.7	5622.3	5443.0	5205.8	4882.1	4475.5	4086.6	3689.4
-10°	4884.2	5117.7	5291.7	5368.8	5291.7	5117.7	4884.2	4562.7	4221.1	3871.7	3504.7
-12.5°	4499.5	4710.3	4870.6	4924.0	4870.6	4710.3	4499.5	4228.5	3911.5	3616.4	3308.8
-15°	4095.8	4272.9	4393.2	4430.5	4393.2	4272.9	4095.8	3867.2	3609.1	3355.7	3089.4
-17.5°	3701.8	3839.2	3932.2	3945.7	3932.2	3839.2	3701.8	3507.3	3304.8	3093.1	2869.2
-20°	3334.3	3440.8	3512.9	3510.8	3512.9	3440.8	3334.3	3187.1	3017.8	2835.5	2649.9



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3004.9	3090.9	3147.3	3170.8	3147.3	3090.9	3004.9	2889.0	2748.5	2597.1	2436.3
-25°	2702.1	2771.5	2812.8	2837.7	2812.8	2771.5	2702.1	2605.2	2489.1	2365.1	2226.9
-27.5°	2421.3	2477.0	2509.1	2534.2	2509.1	2477.0	2421.3	2340.5	2240.7	2134.7	2011.3
-30°	2158.0	2207.6	2238.4	2239.4	2238.4	2207.6	2158.0	2088.8	2004.3	1903.7	1791.7
-32.5°	1891.8	1937.1	1963.3	1957.5	1963.3	1937.1	1891.8	1829.1	1752.1	1653.2	1527.8
-35°	1606.8	1646.6	1670.1	1687.8	1670.1	1646.6	1606.8	1546.8	1463.8	1353.4	1215.9
-37.5°	1289.4	1337.7	1363.8	1366.8	1363.8	1337.7	1289.4	1216.8	1117.4	998.3	859.1
-40°	898.2	950.7	981.6	992.3	981.6	950.7	898.2	823.4	725.2	610.7	510.0
-42.5°	499.9	531.4	545.1	537.1	545.1	531.4	499.9	454.2	397.2	329.0	276.0
-45°	255.9	263.1	269.7	276.9	269.7	263.1	255.9	245.3	233.8	218.7	200.7
-47.5°	194.1	197.2	201.3	206.6	201.3	197.2	194.1	190.0	185.9	181.7	176.5
-50°	170.8	173.9	178.1	183.2	178.1	173.9	170.8	167.2	164.0	162.5	161.1
-52.5°	150.7	152.7	156.1	160.3	156.1	152.7	150.7	147.9	145.1	144.3	142.7
-55°	134.9	137.4	139.7	141.8	139.7	137.4	134.9	132.1	129.2	128.6	127.0
-57.5°	122.3	124.4	126.1	127.4	126.1	124.4	122.3	120.0	117.5	115.8	113.7
-60°	108.7	110.0	111.8	113.5	111.8	110.0	108.7	107.1	105.3	103.3	101.2
-62.5°	94.1	95.7	96.7	97.2	96.7	95.7	94.1	92.2	90.1	88.1	86.5
-65°	72.2	72.1	72.4	72.5	72.4	72.1	72.2	71.8	71.1	70.5	69.7
-67.5°	59.0	59.5	60.2	60.8	60.2	59.5	59.0	58.4	57.6	56.9	56.3
-70°	47.5	47.6	45.9	43.7	45.9	47.6	47.5	47.4	47.6	47.9	47.5
-72.5°	30.5	26.7	25.0	23.4	25.0	26.7	30.5	34.1	37.6	40.1	39.9
-75°	22.5	18.7	18.5	18.5	18.5	18.7	22.5	26.3	30.0	32.9	32.8
-77.5°	17.0	13.6	13.5	13.5	13.5	13.6	17.0	20.3	23.3	25.7	25.5
-80°	11.5	9.9	10.1	10.4	10.1	9.9	11.5	13.1	14.7	16.0	16.6
-82.5°	7.8	6.8	6.8	6.8	6.8	6.8	7.8	8.8	9.8	10.6	10.3
-85°	3.0	2.7	2.7	2.7	2.7	2.7	3.0	3.3	3.6	3.9	3.7
-87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.8	0.9	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: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	3.5	3.3	3.1	3.4	3.7	4.0	4.1	3.6	3.2	2.8	2.4
82.5°	9.9	9.6	9.2	9.2	9.2	9.2	9.1	8.0	7.0	6.0	5.2
80°	17.0	17.2	17.2	16.9	16.5	16.1	15.3	13.3	11.5	9.9	8.8
77.5°	25.4	25.2	25.0	24.4	23.8	23.3	22.1	19.2	16.3	13.7	12.3
75°	32.6	32.4	31.9	31.0	30.1	29.1	27.4	24.5	21.4	18.2	16.5
72.5°	39.6	39.2	38.5	37.4	36.3	35.1	33.4	30.9	27.7	23.9	22.0
70°	47.1	46.5	45.6	44.3	42.9	41.4	40.1	38.3	35.7	32.4	30.5
67.5°	55.5	54.5	53.6	52.2	50.9	49.1	48.0	46.4	44.4	41.7	39.6
65°	68.3	66.0	64.6	64.4	63.1	60.6	57.8	56.0	54.1	51.5	48.6
62.5°	85.2	84.2	81.6	78.8	76.7	74.9	71.5	67.8	64.6	61.6	58.2
60°	98.9	96.6	94.4	91.9	88.9	86.0	83.3	79.6	75.1	71.4	67.6
57.5°	110.9	108.7	107.2	104.8	101.2	98.3	95.3	91.6	87.1	81.8	77.1
55°	124.4	122.7	121.2	118.9	115.7	111.7	107.8	103.8	98.8	92.4	86.5
52.5°	140.4	138.3	136.0	133.6	129.9	125.0	120.3	115.6	109.8	102.9	95.8
50°	159.0	154.7	151.0	147.7	142.9	137.5	131.9	126.6	119.7	112.6	105.3
47.5°	173.0	169.3	165.1	160.4	155.0	149.1	142.9	136.3	129.1	121.6	113.9
45°	194.0	186.1	177.8	172.6	166.5	160.2	153.5	146.0	138.1	130.2	122.0
42.5°	248.6	219.0	199.9	188.8	178.7	171.5	163.5	155.3	147.0	138.5	129.9
40°	407.6	292.7	254.3	216.9	197.1	184.3	173.9	164.4	155.5	146.5	137.5
37.5°	699.2	536.4	403.8	284.0	239.3	201.7	186.1	173.7	163.7	154.3	144.7
35°	1065.6	877.9	660.6	483.5	320.8	250.5	202.1	184.8	171.9	161.8	151.7
32.5°	1383.9	1201.1	991.1	747.5	523.8	338.0	249.6	199.6	181.1	169.2	158.5
30°	1654.6	1485.7	1285.2	1042.6	774.6	522.4	319.0	237.5	194.7	176.3	165.0
27.5°	1875.4	1723.9	1536.2	1315.5	1042.2	745.8	484.1	284.6	215.3	186.9	171.1
25°	2078.2	1918.4	1742.3	1536.4	1287.6	988.7	664.7	408.7	255.7	198.3	176.9
22.5°	2270.8	2101.1	1920.2	1720.7	1490.4	1204.7	881.6	546.9	296.4	218.8	185.8
20°	2457.1	2270.0	2081.5	1874.2	1644.2	1395.1	1078.0	712.4	412.6	250.0	194.3
17.5°	2647.8	2433.7	2220.2	2009.2	1776.1	1526.0	1231.1	878.8	513.7	278.1	201.6
15°	2828.5	2589.4	2353.8	2121.8	1888.7	1635.2	1358.8	1027.0	614.0	335.0	222.3
12.5°	3011.4	2733.1	2477.3	2217.2	1983.4	1726.3	1449.4	1128.2	731.6	404.6	243.0
10°	3177.1	2864.9	2581.3	2306.0	2053.9	1799.0	1522.2	1209.5	828.4	461.8	259.9
7.5°	3319.2	2979.6	2667.9	2378.5	2110.6	1859.7	1584.7	1274.4	901.3	506.0	273.2
5°	3428.7	3063.3	2734.4	2437.9	2154.6	1901.1	1630.4	1321.6	950.4	537.1	282.7
2.5°	3494.6	3114.1	2773.5	2474.7	2182.0	1924.7	1654.6	1351.9	981.7	557.1	289.7
0°	3522.9	3129.4	2802.1	2499.6	2192.5	1934.6	1654.1	1363.2	993.2	564.6	293.1
-2.5°	3494.6	3114.1	2773.5	2474.7	2182.0	1924.7	1654.6	1351.9	981.7	557.1	289.7
-5°	3428.7	3063.3	2734.4	2437.9	2154.6	1901.1	1630.4	1321.6	950.4	537.1	282.7
-7.5°	3319.2	2979.6	2667.9	2378.5	2110.6	1859.7	1584.7	1274.4	901.3	506.0	273.2
-10°	3177.1	2864.9	2581.3	2306.0	2053.9	1799.0	1522.2	1209.5	828.4	461.8	259.9
-12.5°	3011.4	2733.1	2477.3	2217.2	1983.4	1726.3	1449.4	1128.2	731.6	404.6	243.0
-15°	2828.5	2589.4	2353.8	2121.8	1888.7	1635.2	1358.8	1027.0	614.0	335.0	222.3
-17.5°	2647.8	2433.7	2220.2	2009.2	1776.1	1526.0	1231.1	878.8	513.7	278.1	201.6
-20°	2457.1	2270.0	2081.5	1874.2	1644.2	1395.1	1078.0	712.4	412.6	250.0	194.3



REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2270.8	2101.1	1920.2	1720.7	1490.4	1204.7	881.6	546.9	296.4	218.8	185.8
-25°	2078.2	1918.4	1742.3	1536.4	1287.6	988.7	664.7	408.7	255.7	198.3	176.9
-27.5°	1875.4	1723.9	1536.2	1315.5	1042.2	745.8	484.1	284.6	215.3	186.9	171.1
-30°	1654.6	1485.7	1285.2	1042.6	774.6	522.4	319.0	237.5	194.7	176.3	165.0
-32.5°	1383.9	1201.1	991.1	747.5	523.8	338.0	249.6	199.6	181.1	169.2	158.5
-35°	1065.6	877.9	660.6	483.5	320.8	250.5	202.1	184.8	171.9	161.8	151.7
-37.5°	699.2	536.4	403.8	284.0	239.3	201.7	186.1	173.7	163.7	154.3	144.7
-40°	407.6	292.7	254.3	216.9	197.1	184.3	173.9	164.4	155.5	146.5	137.5
-42.5°	248.6	219.0	199.9	188.8	178.7	171.5	163.5	155.3	147.0	138.5	129.9
-45°	194.0	186.1	177.8	172.6	166.5	160.2	153.5	146.0	138.1	130.2	122.0
-47.5°	173.0	169.3	165.1	160.4	155.0	149.1	142.9	136.3	129.1	121.6	113.9
-50°	159.0	154.7	151.0	147.7	142.9	137.5	131.9	126.6	119.7	112.6	105.3
-52.5°	140.4	138.3	136.0	133.6	129.9	125.0	120.3	115.6	109.8	102.9	95.8
-55°	124.4	122.7	121.2	118.9	115.7	111.7	107.8	103.8	98.8	92.4	86.5
-57.5°	110.9	108.7	107.2	104.8	101.2	98.3	95.3	91.6	87.1	81.8	77.1
-60°	98.9	96.6	94.4	91.9	88.9	86.0	83.3	79.6	75.1	71.4	67.6
-62.5°	85.2	84.2	81.6	78.8	76.7	74.9	71.5	67.8	64.6	61.6	58.2
-65°	68.3	66.0	64.6	64.4	63.1	60.6	57.8	56.0	54.1	51.5	48.6
-67.5°	55.5	54.5	53.6	52.2	50.9	49.1	48.0	46.4	44.4	41.7	39.6
-70°	47.1	46.5	45.6	44.3	42.9	41.4	40.1	38.3	35.7	32.4	30.5
-72.5°	39.6	39.2	38.5	37.4	36.3	35.1	33.4	30.9	27.7	23.9	22.0
-75°	32.6	32.4	31.9	31.0	30.1	29.1	27.4	24.5	21.4	18.2	16.5
-77.5°	25.4	25.2	25.0	24.4	23.8	23.3	22.1	19.2	16.3	13.7	12.3
-80°	17.0	17.2	17.2	16.9	16.5	16.1	15.3	13.3	11.5	9.9	8.8
-82.5°	9.9	9.6	9.2	9.2	9.2	9.2	9.1	8.0	7.0	6.0	5.2
-85°	3.5	3.3	3.1	3.4	3.7	4.0	4.1	3.6	3.2	2.8	2.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	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





REPORT NUMBER: P558557 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-MWR-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°	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	0.9
85°	2.6	2.6	2.7	2.6	2.4	2.3	2.3	2.3	2.2	2.0	1.8
82.5°	5.4	5.6	5.7	5.7	5.3	5.0	4.6	4.2	3.7	3.1	2.8
80°	9.3	9.6	9.7	9.4	8.5	7.6	7.0	6.5	6.0	5.3	4.5
77.5°	13.3	13.9	14.1	13.8	12.5	11.3	10.1	9.0	8.3	7.6	6.6
75°	17.3	18.3	18.8	18.5	16.9	14.9	13.4	12.1	11.1	9.9	8.7
72.5°	22.5	22.9	23.4	23.3	22.0	20.0	17.5	15.2	14.2	12.8	11.0
70°	29.3	28.0	27.8	27.6	26.8	25.3	22.7	19.7	17.3	15.7	13.7
67.5°	37.8	36.0	34.2	32.2	31.2	29.9	27.9	24.4	21.1	18.6	16.4
65°	46.1	43.7	41.5	38.7	36.3	34.6	32.5	28.8	24.9	21.6	19.1
62.5°	54.6	51.1	48.1	44.9	41.8	39.3	37.0	32.8	28.4	24.5	21.5
60°	63.5	59.3	54.8	50.8	47.1	43.8	40.8	36.8	32.1	27.3	23.7
57.5°	72.6	67.6	62.1	56.9	52.5	48.4	44.4	40.3	35.6	30.3	25.7
55°	81.5	76.1	69.4	63.2	57.8	53.1	48.1	43.5	39.0	33.5	27.1
52.5°	89.4	83.8	77.2	69.7	63.2	57.7	52.1	46.7	41.9	36.5	29.0
50°	97.6	90.6	84.2	76.8	68.6	62.2	56.0	50.2	44.7	39.4	30.8
47.5°	106.1	97.9	90.4	83.5	75.1	66.6	60.0	53.6	47.4	41.8	32.4
45°	113.8	105.4	96.8	89.1	81.2	71.7	63.9	56.9	50.3	43.0	33.8
42.5°	121.2	112.4	103.5	94.6	86.2	76.7	67.6	60.2	53.1	44.0	34.8
40°	128.2	119.0	109.7	100.4	91.3	81.3	71.7	63.5	55.6	44.8	35.4
37.5°	135.0	125.3	115.5	106.0	96.4	86.0	75.5	66.6	56.8	45.8	35.8
35°	141.5	131.2	121.3	111.4	101.3	90.7	78.8	69.5	58.7	46.5	36.1
32.5°	147.6	137.0	126.8	116.5	105.9	95.5	82.6	72.3	60.9	47.2	36.1
30°	153.7	142.7	132.0	121.4	110.3	99.6	86.8	75.0	63.5	47.6	36.1
27.5°	159.4	147.9	136.8	125.9	114.6	103.3	91.0	77.6	66.4	48.6	36.4
25°	164.7	152.8	141.3	130.0	118.6	106.8	94.8	80.2	68.8	50.5	36.5
22.5°	169.6	157.2	145.3	133.8	122.5	110.3	98.0	83.3	70.8	52.6	36.4
20°	174.1	161.2	149.1	137.8	126.0	113.6	100.8	86.2	72.7	54.6	36.2
17.5°	178.6	165.3	153.5	141.6	129.2	116.5	103.4	88.8	74.4	56.7	35.9
15°	185.6	169.8	157.5	145.1	132.3	119.2	105.8	91.0	76.0	58.7	35.8
12.5°	191.9	173.7	161.0	148.4	135.0	121.5	107.9	92.9	77.4	60.0	35.9
10°	197.2	177.2	164.2	151.4	137.5	123.5	109.8	94.6	78.5	60.6	35.9
7.5°	201.5	180.2	166.9	154.0	139.8	125.4	111.5	96.0	79.6	60.6	35.6
5°	205.3	183.4	170.3	156.9	142.5	127.3	112.9	97.0	80.6	60.2	35.1
2.5°	209.6	187.4	174.0	159.5	144.9	128.9	114.0	97.7	81.4	59.4	34.5
0°	213.0	190.9	177.4	161.6	146.8	130.1	114.8	98.1	81.9	58.1	33.8
-2.5°	209.6	187.4	174.0	159.5	144.9	128.9	114.0	97.7	81.4	59.4	34.5
-5°	205.3	183.4	170.3	156.9	142.5	127.3	112.9	97.0	80.6	60.2	35.1
-7.5°	201.5	180.2	166.9	154.0	139.8	125.4	111.5	96.0	79.6	60.6	35.6
-10°	197.2	177.2	164.2	151.4	137.5	123.5	109.8	94.6	78.5	60.6	35.9
-12.5°	191.9	173.7	161.0	148.4	135.0	121.5	107.9	92.9	77.4	60.0	35.9
-15°	185.6	169.8	157.5	145.1	132.3	119.2	105.8	91.0	76.0	58.7	35.8
-17.5°	178.6	165.3	153.5	141.6	129.2	116.5	103.4	88.8	74.4	56.7	35.9
-20°	174.1	161.2	149.1	137.8	126.0	113.6	100.8	86.2	72.7	54.6	36.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	169.6	157.2	145.3	133.8	122.5	110.3	98.0	83.3	70.8	52.6	36.4
-25°	164.7	152.8	141.3	130.0	118.6	106.8	94.8	80.2	68.8	50.5	36.5
-27.5°	159.4	147.9	136.8	125.9	114.6	103.3	91.0	77.6	66.4	48.6	36.4
-30°	153.7	142.7	132.0	121.4	110.3	99.6	86.8	75.0	63.5	47.6	36.1
-32.5°	147.6	137.0	126.8	116.5	105.9	95.5	82.6	72.3	60.9	47.2	36.1
-35°	141.5	131.2	121.3	111.4	101.3	90.7	78.8	69.5	58.7	46.5	36.1
-37.5°	135.0	125.3	115.5	106.0	96.4	86.0	75.5	66.6	56.8	45.8	35.8
-40°	128.2	119.0	109.7	100.4	91.3	81.3	71.7	63.5	55.6	44.8	35.4
-42.5°	121.2	112.4	103.5	94.6	86.2	76.7	67.6	60.2	53.1	44.0	34.8
-45°	113.8	105.4	96.8	89.1	81.2	71.7	63.9	56.9	50.3	43.0	33.8
-47.5°	106.1	97.9	90.4	83.5	75.1	66.6	60.0	53.6	47.4	41.8	32.4
-50°	97.6	90.6	84.2	76.8	68.6	62.2	56.0	50.2	44.7	39.4	30.8
-52.5°	89.4	83.8	77.2	69.7	63.2	57.7	52.1	46.7	41.9	36.5	29.0
-55°	81.5	76.1	69.4	63.2	57.8	53.1	48.1	43.5	39.0	33.5	27.1
-57.5°	72.6	67.6	62.1	56.9	52.5	48.4	44.4	40.3	35.6	30.3	25.7
-60°	63.5	59.3	54.8	50.8	47.1	43.8	40.8	36.8	32.1	27.3	23.7
-62.5°	54.6	51.1	48.1	44.9	41.8	39.3	37.0	32.8	28.4	24.5	21.5
-65°	46.1	43.7	41.5	38.7	36.3	34.6	32.5	28.8	24.9	21.6	19.1
-67.5°	37.8	36.0	34.2	32.2	31.2	29.9	27.9	24.4	21.1	18.6	16.4
-70°	29.3	28.0	27.8	27.6	26.8	25.3	22.7	19.7	17.3	15.7	13.7
-72.5°	22.5	22.9	23.4	23.3	22.0	20.0	17.5	15.2	14.2	12.8	11.0
-75°	17.3	18.3	18.8	18.5	16.9	14.9	13.4	12.1	11.1	9.9	8.7
-77.5°	13.3	13.9	14.1	13.8	12.5	11.3	10.1	9.0	8.3	7.6	6.6
-80°	9.3	9.6	9.7	9.4	8.5	7.6	7.0	6.5	6.0	5.3	4.5
-82.5°	5.4	5.6	5.7	5.7	5.3	5.0	4.6	4.2	3.7	3.1	2.8
-85°	2.6	2.6	2.7	2.6	2.4	2.3	2.3	2.3	2.2	2.0	1.8
-87.5°	0.8	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.0	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):**

	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°	0.8	0.6	0.5	0.3	0.2	0.1	0.0
85°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
82.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
80°	3.4	2.5	1.9	1.3	0.8	0.4	0.0
77.5°	5.3	3.5	2.4	1.6	1.0	0.5	0.0
75°	7.2	4.9	2.9	1.9	1.2	0.6	0.0
72.5°	9.0	6.3	4.0	2.2	1.4	0.7	0.0
70°	10.8	7.7	5.0	2.6	1.6	0.8	0.0
67.5°	13.0	9.1	6.0	3.3	1.8	0.9	0.0
65°	15.0	10.5	7.0	4.0	1.9	1.0	0.0
62.5°	17.0	12.0	7.9	4.7	2.1	1.1	0.0
60°	18.9	13.5	8.8	5.3	2.3	1.1	0.0
57.5°	20.1	14.9	9.8	5.9	2.7	1.2	0.0
55°	21.2	16.2	10.8	6.5	3.1	1.3	0.0
52.5°	22.1	17.3	11.7	7.0	3.4	1.4	0.0
50°	22.8	17.8	12.6	7.5	3.8	1.5	0.0
47.5°	23.5	18.3	13.4	8.0	4.1	1.6	0.0
45°	24.7	18.6	14.1	8.6	4.5	1.6	0.0
42.5°	25.6	18.8	14.7	9.0	4.8	1.7	0.0
40°	26.4	18.9	15.1	9.6	5.1	1.8	0.0
37.5°	27.0	18.9	15.1	10.1	5.3	1.8	0.0
35°	27.5	19.1	15.1	10.6	5.6	1.9	0.0
32.5°	27.7	19.4	15.0	11.1	5.8	1.9	0.0
30°	27.7	19.6	14.9	11.6	6.1	2.0	0.0
27.5°	27.5	19.7	15.0	12.1	6.3	2.0	0.0
25°	27.2	19.6	15.2	12.5	6.5	2.1	0.0
22.5°	26.8	19.7	15.3	12.9	6.6	2.1	0.0
20°	26.2	20.2	15.5	13.3	6.8	2.2	0.0
17.5°	26.2	20.6	15.6	13.7	6.9	2.2	0.0
15°	26.6	21.0	15.6	14.0	7.0	2.2	0.0
12.5°	26.9	21.3	15.7	14.3	7.1	2.2	0.0
10°	27.2	21.6	15.7	14.6	7.1	2.3	0.0
7.5°	27.4	21.8	15.8	14.8	7.2	2.3	0.0
5°	27.5	22.0	15.8	15.0	7.2	2.3	0.0
2.5°	27.5	22.1	15.8	15.2	7.2	2.3	0.0
0°	27.5	22.1	15.8	15.3	7.2	2.3	0.0
-2.5°	27.5	22.1	15.8	15.2	7.2	2.3	0.0
-5°	27.5	22.0	15.8	15.0	7.2	2.3	0.0
-7.5°	27.4	21.8	15.8	14.8	7.2	2.3	0.0
-10°	27.2	21.6	15.7	14.6	7.1	2.3	0.0
-12.5°	26.9	21.3	15.7	14.3	7.1	2.2	0.0
-15°	26.6	21.0	15.6	14.0	7.0	2.2	0.0
-17.5°	26.2	20.6	15.6	13.7	6.9	2.2	0.0
-20°	26.2	20.2	15.5	13.3	6.8	2.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.8	19.7	15.3	12.9	6.6	2.1	0.0
-25°	27.2	19.6	15.2	12.5	6.5	2.1	0.0
-27.5°	27.5	19.7	15.0	12.1	6.3	2.0	0.0
-30°	27.7	19.6	14.9	11.6	6.1	2.0	0.0
-32.5°	27.7	19.4	15.0	11.1	5.8	1.9	0.0
-35°	27.5	19.1	15.1	10.6	5.6	1.9	0.0
-37.5°	27.0	18.9	15.1	10.1	5.3	1.8	0.0
-40°	26.4	18.9	15.1	9.6	5.1	1.8	0.0
-42.5°	25.6	18.8	14.7	9.0	4.8	1.7	0.0
-45°	24.7	18.6	14.1	8.6	4.5	1.6	0.0
-47.5°	23.5	18.3	13.4	8.0	4.1	1.6	0.0
-50°	22.8	17.8	12.6	7.5	3.8	1.5	0.0
-52.5°	22.1	17.3	11.7	7.0	3.4	1.4	0.0
-55°	21.2	16.2	10.8	6.5	3.1	1.3	0.0
-57.5°	20.1	14.9	9.8	5.9	2.7	1.2	0.0
-60°	18.9	13.5	8.8	5.3	2.3	1.1	0.0
-62.5°	17.0	12.0	7.9	4.7	2.1	1.1	0.0
-65°	15.0	10.5	7.0	4.0	1.9	1.0	0.0
-67.5°	13.0	9.1	6.0	3.3	1.8	0.9	0.0
-70°	10.8	7.7	5.0	2.6	1.6	0.8	0.0
-72.5°	9.0	6.3	4.0	2.2	1.4	0.7	0.0
-75°	7.2	4.9	2.9	1.9	1.2	0.6	0.0
-77.5°	5.3	3.5	2.4	1.6	1.0	0.5	0.0
-80°	3.4	2.5	1.9	1.3	0.8	0.4	0.0
-82.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
-85°	1.7	1.3	1.0	0.7	0.4	0.2	0.0
-87.5°	0.8	0.6	0.5	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)