

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: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2D-935-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

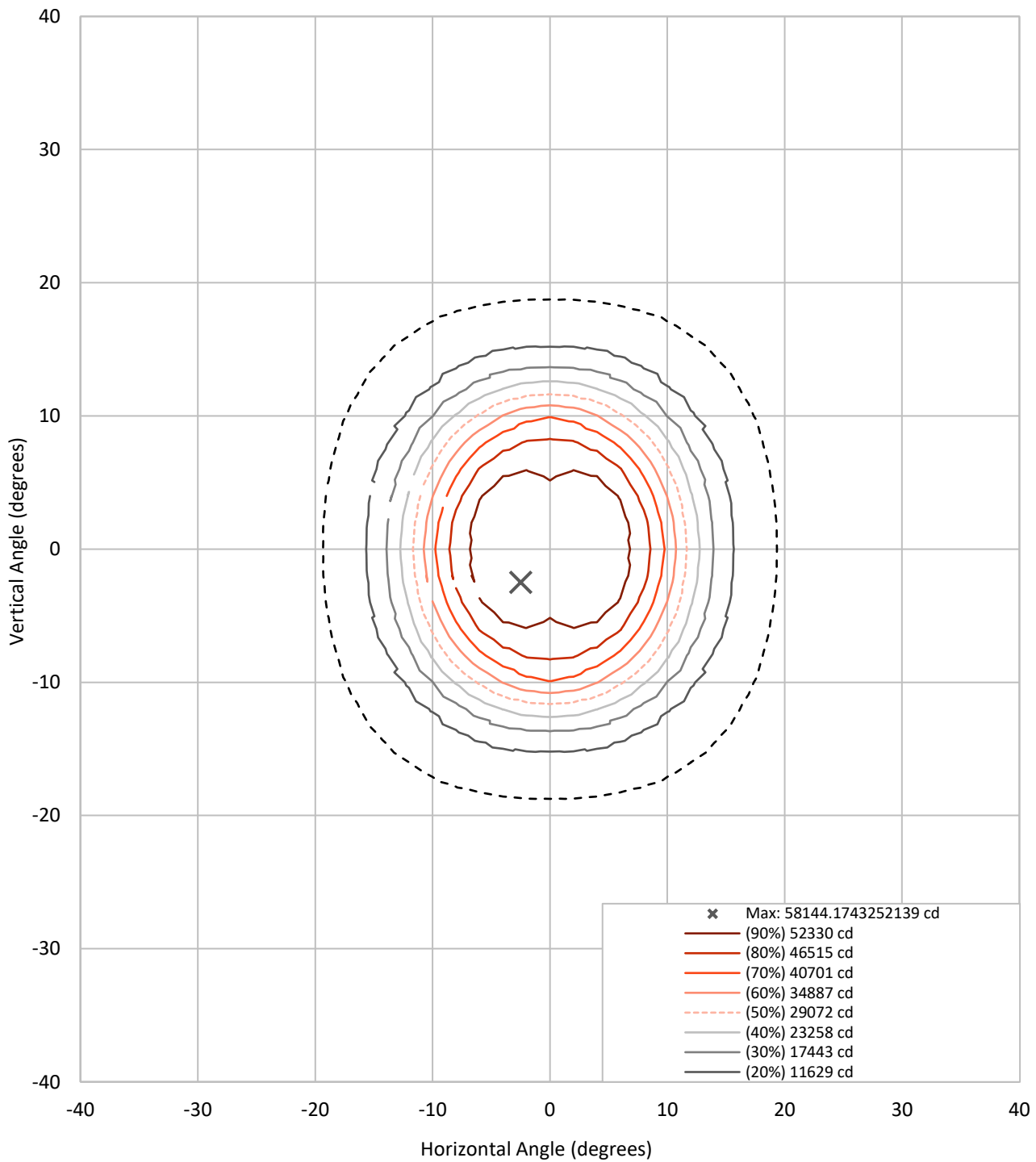
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	10995 lumens	Max Intensity:	58144.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	5935.8 lumens	Field Lumens:	8951.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 110  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





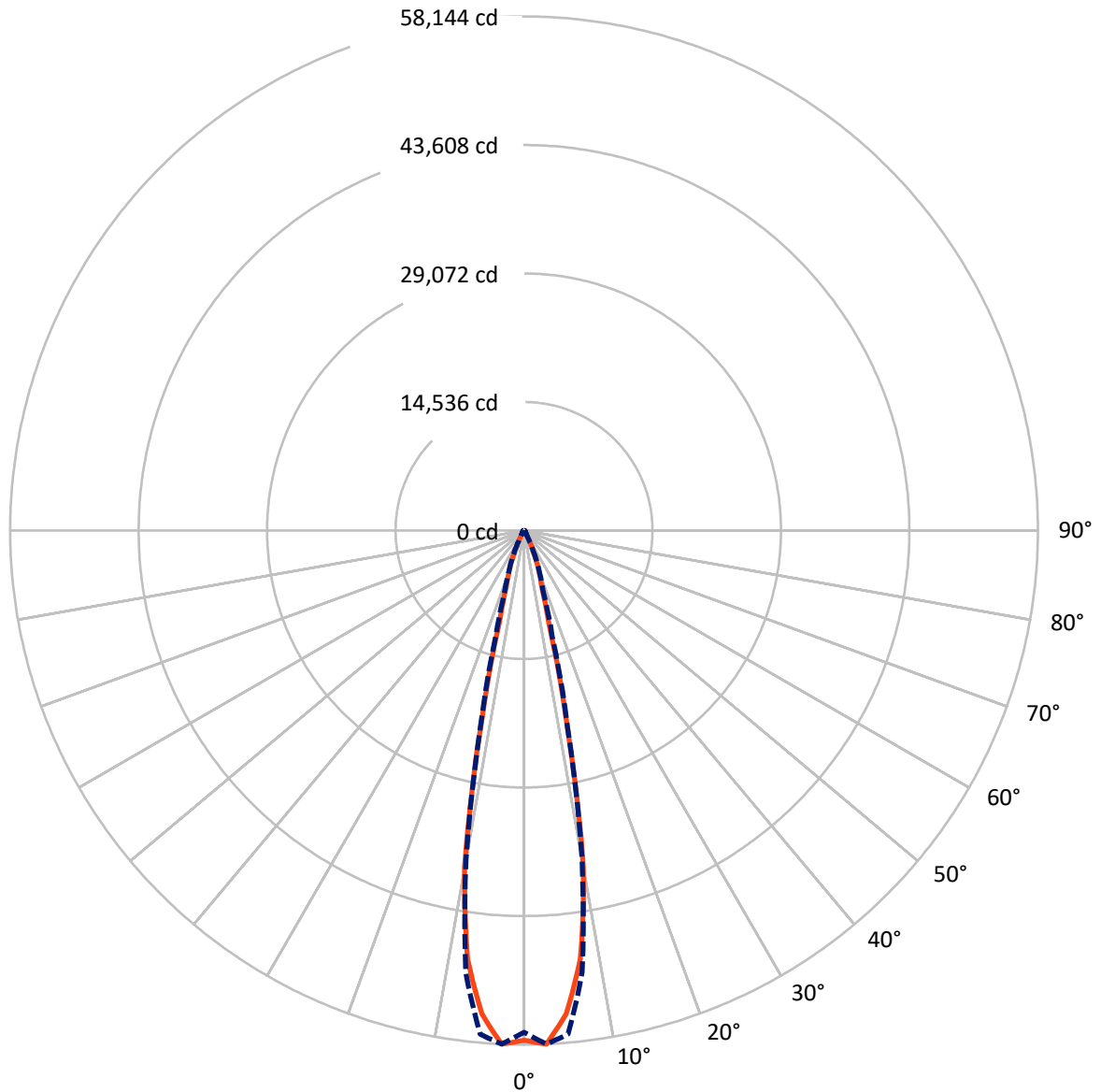
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### Lumen Table

90	0.1	1.1		3.0		4.7		5.5		4.7		3.0		1.1		0.1
80	0.1	1.1		3.0		4.7		5.5		4.7		3.0		1.1		0.1
70	0.5	0.6	1.2	1.9	2.6	3.3	3.7	4.0	4.0	3.7	3.3	2.6	1.9	1.2	0.6	0.5
60		0.9	1.7	2.7	3.6	4.3	4.8	5.0	5.0	4.8	4.3	3.6	2.7	1.7	0.9	
50	0.9	1.1	2.2	3.3	4.2	5.2	5.9	6.3	6.3	5.9	5.2	4.2	3.3	2.2	1.1	0.9
40		1.4	2.6	3.7	5.0	6.8	9.0	10.8	10.8	9.0	6.8	5.0	3.7	2.6	1.4	
30	1.2	1.5	2.8	4.1	6.2	11.2	33.8	65.8	65.8	33.8	11.2	6.2	4.1	2.8	1.5	1.2
20		1.6	2.9	4.4	7.8	33.4	153.9	395.8	395.8	153.9	33.4	7.8	4.4	2.9	1.6	
10	1.3	1.7	2.9	4.6	9.3	65.0	400.8	1416.1	1416.1	400.8	65.0	9.3	4.6	2.9	1.7	1.3
0		1.7	2.9	4.6	9.3	65.0	400.8	1416.1	1416.1	400.8	65.0	9.3	4.6	2.9	1.7	
-10	1.2	1.6	2.9	4.4	7.8	33.4	153.9	395.8	395.8	153.9	33.4	7.8	4.4	2.9	1.6	1.2
-20		1.5	2.8	4.1	6.2	11.2	33.8	65.8	65.8	33.8	11.2	6.2	4.1	2.8	1.5	
-30	0.9	1.4	2.6	3.7	5.0	6.8	9.0	10.8	10.8	9.0	6.8	5.0	3.7	2.6	1.4	0.9
-40		1.1	2.2	3.3	4.2	5.2	5.9	6.3	6.3	5.9	5.2	4.2	3.3	2.2	1.1	
-50	0.5	0.9	1.7	2.7	3.6	4.3	4.8	5.0	5.0	4.8	4.3	3.6	2.7	1.7	0.9	0.5
-60		0.6	1.2	1.9	2.6	3.3	3.7	4.0	4.0	3.7	3.3	2.6	1.9	1.2	0.6	
-70	0.1	1.1		3.0		4.7		5.5		4.7		3.0		1.1		0.1
-80		1.1		3.0		4.7		5.5		4.7		3.0		1.1		
-90	0.1	1.1		3.0		4.7		5.5		4.7		3.0		1.1		0.1

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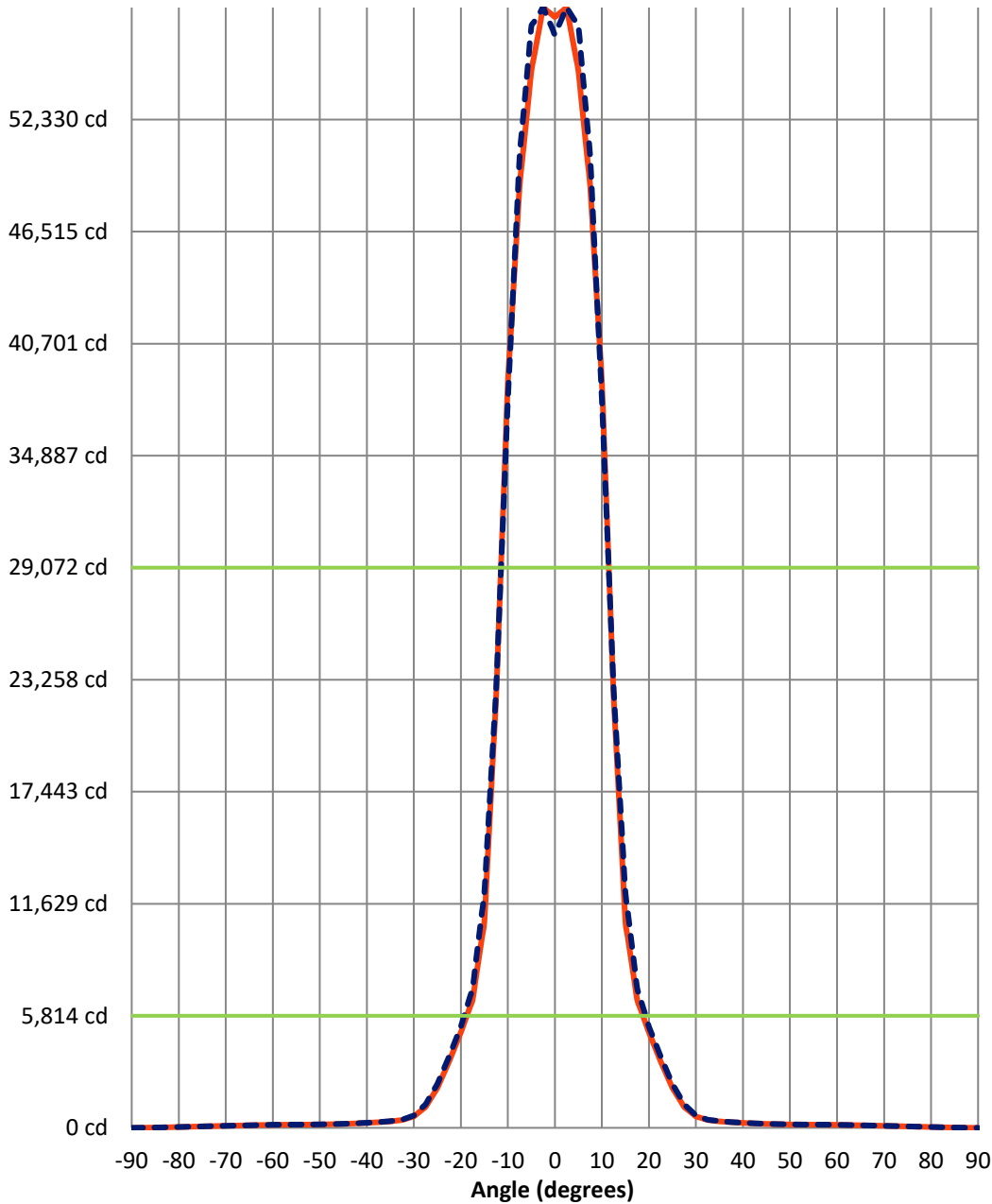
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 5935.8  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 8951.6  
Efficiency: 81.4%

**Spill:**  
Lumens: 2043.5  
Efficiency: 18.6%

— Vertical Distribution through -2.5-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	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.7	8.9
80°	0.0	1.1	2.2	3.2	4.3	5.3	6.5	8.1	9.7	11.4	13.2
77.5°	0.0	1.3	2.7	4.0	5.3	6.9	8.8	10.8	13.0	15.2	17.6
75°	0.0	1.6	3.2	4.8	6.5	8.9	11.2	13.6	16.3	19.3	22.2
72.5°	0.0	1.9	3.7	5.6	8.1	10.9	13.5	16.5	20.2	23.6	26.9
70°	0.0	2.1	4.2	6.4	9.8	12.9	15.9	20.0	24.1	27.9	32.5
67.5°	0.0	2.4	4.7	7.7	11.4	14.8	18.9	23.4	27.9	33.1	38.2
65°	0.0	2.6	5.2	8.9	12.9	17.0	21.8	26.8	32.5	38.2	44.0
62.5°	0.0	2.9	5.7	10.1	14.5	19.4	24.7	30.6	36.9	43.3	49.9
60°	0.0	3.1	6.2	11.2	16.0	21.6	27.5	34.4	41.3	48.6	55.7
57.5°	0.0	3.3	7.0	12.4	17.8	23.9	30.6	38.2	45.8	53.7	61.4
55°	0.0	3.6	7.7	13.5	19.5	26.0	33.8	41.8	50.3	58.7	67.0
52.5°	0.0	3.8	8.4	14.6	21.1	28.2	36.8	45.6	54.6	63.6	72.4
50°	0.0	4.0	9.1	15.7	22.7	30.7	39.8	49.3	58.8	68.3	77.9
47.5°	0.0	4.2	9.8	16.7	24.3	33.0	42.6	52.9	62.9	72.9	83.2
45°	0.0	4.4	10.5	17.8	25.7	35.3	45.7	56.4	66.9	77.6	88.4
42.5°	0.0	4.6	11.1	18.9	27.1	37.5	48.6	59.8	70.7	82.1	93.1
40°	0.0	4.7	11.7	19.8	28.6	39.6	51.3	63.0	74.4	86.5	97.4
37.5°	0.0	4.9	12.2	20.8	30.2	41.6	54.0	66.0	78.1	90.5	101.5
35°	0.0	5.1	12.8	21.6	31.7	43.6	56.6	68.9	81.5	93.9	105.5
32.5°	0.0	5.2	13.3	22.5	33.1	45.6	58.9	71.6	84.8	97.2	109.3
30°	0.0	5.4	13.7	23.2	34.4	47.4	61.1	74.2	87.8	100.2	112.7
27.5°	0.0	5.5	14.2	24.0	35.7	49.2	63.2	76.6	90.4	103.0	115.8
25°	0.0	5.6	14.6	24.6	36.8	50.8	65.0	78.9	92.7	105.6	118.6
22.5°	0.0	5.7	14.9	25.2	37.9	52.3	66.7	80.9	94.8	107.9	121.1
20°	0.0	5.8	15.3	25.7	38.9	53.6	68.3	82.7	96.7	109.9	123.2
17.5°	0.0	5.9	15.5	26.2	39.8	54.8	69.6	84.3	98.4	111.6	125.1
15°	0.0	6.0	15.8	26.6	40.6	55.8	70.8	85.7	99.8	113.1	126.8
12.5°	0.0	6.1	16.0	27.0	41.3	56.7	71.8	86.8	101.1	114.2	128.1
10°	0.0	6.1	16.2	27.3	41.9	57.4	72.6	87.8	102.1	115.5	129.2
7.5°	0.0	6.1	16.3	27.5	42.4	57.9	73.2	88.5	102.9	116.5	130.0
5°	0.0	6.2	16.4	27.7	42.8	58.3	73.6	89.1	103.4	117.3	130.5
2.5°	0.0	6.2	16.5	27.8	43.1	58.5	73.9	89.4	103.8	117.9	130.7
0°	0.0	6.2	16.5	27.8	43.2	58.6	74.0	89.5	103.9	118.3	130.6
-2.5°	0.0	6.2	16.5	27.8	43.2	58.6	74.0	89.5	103.9	118.3	130.6
-5°	0.0	6.2	16.4	27.7	42.8	58.3	73.6	89.1	103.4	117.3	130.5
-7.5°	0.0	6.1	16.3	27.5	42.4	57.9	73.2	88.5	102.9	116.5	130.0
-10°	0.0	6.1	16.2	27.3	41.9	57.4	72.6	87.8	102.1	115.5	129.2
-12.5°	0.0	6.1	16.0	27.0	41.3	56.7	71.8	86.8	101.1	114.2	128.1
-15°	0.0	6.0	15.8	26.6	40.6	55.8	70.8	85.7	99.8	113.1	126.8
-17.5°	0.0	5.9	15.5	26.2	39.8	54.8	69.6	84.3	98.4	111.6	125.1
-20°	0.0	5.8	15.3	25.7	38.9	53.6	68.3	82.7	96.7	109.9	123.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.7	14.9	25.2	37.9	52.3	66.7	80.9	94.8	107.9	121.1
-25°	0.0	5.6	14.6	24.6	36.8	50.8	65.0	78.9	92.7	105.6	118.6
-27.5°	0.0	5.5	14.2	24.0	35.7	49.2	63.2	76.6	90.4	103.0	115.8
-30°	0.0	5.4	13.7	23.2	34.4	47.4	61.1	74.2	87.8	100.2	112.7
-32.5°	0.0	5.2	13.3	22.5	33.1	45.6	58.9	71.6	84.8	97.2	109.3
-35°	0.0	5.1	12.8	21.6	31.7	43.6	56.6	68.9	81.5	93.9	105.5
-37.5°	0.0	4.9	12.2	20.8	30.2	41.6	54.0	66.0	78.1	90.5	101.5
-40°	0.0	4.7	11.7	19.8	28.6	39.6	51.3	63.0	74.4	86.5	97.4
-42.5°	0.0	4.6	11.1	18.9	27.1	37.5	48.6	59.8	70.7	82.1	93.1
-45°	0.0	4.4	10.5	17.8	25.7	35.3	45.7	56.4	66.9	77.6	88.4
-47.5°	0.0	4.2	9.8	16.7	24.3	33.0	42.6	52.9	62.9	72.9	83.2
-50°	0.0	4.0	9.1	15.7	22.7	30.7	39.8	49.3	58.8	68.3	77.9
-52.5°	0.0	3.8	8.4	14.6	21.1	28.2	36.8	45.6	54.6	63.6	72.4
-55°	0.0	3.6	7.7	13.5	19.5	26.0	33.8	41.8	50.3	58.7	67.0
-57.5°	0.0	3.3	7.0	12.4	17.8	23.9	30.6	38.2	45.8	53.7	61.4
-60°	0.0	3.1	6.2	11.2	16.0	21.6	27.5	34.4	41.3	48.6	55.7
-62.5°	0.0	2.9	5.7	10.1	14.5	19.4	24.7	30.6	36.9	43.3	49.9
-65°	0.0	2.6	5.2	8.9	12.9	17.0	21.8	26.8	32.5	38.2	44.0
-67.5°	0.0	2.4	4.7	7.7	11.4	14.8	18.9	23.4	27.9	33.1	38.2
-70°	0.0	2.1	4.2	6.4	9.8	12.9	15.9	20.0	24.1	27.9	32.5
-72.5°	0.0	1.9	3.7	5.6	8.1	10.9	13.5	16.5	20.2	23.6	26.9
-75°	0.0	1.6	3.2	4.8	6.5	8.9	11.2	13.6	16.3	19.3	22.2
-77.5°	0.0	1.3	2.7	4.0	5.3	6.9	8.8	10.8	13.0	15.2	17.6
-80°	0.0	1.1	2.2	3.2	4.3	5.3	6.5	8.1	9.7	11.4	13.2
-82.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.6	6.4	7.7	8.9
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
-87.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
85°	5.7	6.2	6.9	7.5	8.1	8.7	9.2	9.6	10.2	10.8	11.4
82.5°	10.0	11.1	12.0	12.8	13.6	14.3	15.0	16.0	17.3	18.5	19.6
80°	14.7	15.9	17.4	19.0	20.6	22.2	23.8	25.4	26.8	28.2	29.6
77.5°	19.7	21.7	23.8	26.0	28.2	30.7	33.0	35.3	37.4	39.5	41.5
75°	24.9	27.5	30.6	33.8	36.8	39.8	42.6	45.6	48.4	51.0	53.6
72.5°	30.6	34.4	38.2	41.8	45.8	49.5	53.1	56.3	59.7	63.2	66.4
70°	36.9	41.3	46.0	50.7	55.4	59.6	63.7	68.0	72.3	75.9	79.1
67.5°	43.3	48.7	54.1	59.5	64.6	69.4	74.5	79.2	83.6	87.4	91.0
65°	49.9	56.0	61.9	67.8	73.4	79.2	84.7	89.8	94.5	98.8	102.9
62.5°	56.4	63.0	69.5	76.0	82.6	89.0	94.7	100.1	105.3	109.9	114.3
60°	62.8	69.9	77.1	84.3	91.6	98.2	104.3	110.0	115.3	120.4	125.0
57.5°	69.1	76.7	84.5	92.3	99.9	107.1	113.3	119.3	124.8	130.0	134.7
55°	75.2	83.3	91.7	100.0	107.8	115.2	121.9	128.0	133.8	138.5	143.0
52.5°	81.3	89.8	98.6	107.2	115.3	122.9	129.9	135.9	141.2	146.1	150.1
50°	87.3	96.2	105.3	114.0	122.3	130.0	137.0	142.9	147.9	152.4	156.2
47.5°	92.9	102.3	111.3	120.4	128.7	136.5	143.3	148.9	153.8	157.8	161.4
45°	98.3	108.0	117.4	126.2	134.7	142.4	148.7	154.3	158.8	162.8	166.4
42.5°	103.3	113.5	123.0	131.7	140.2	147.6	153.8	159.0	163.6	167.6	171.5
40°	108.2	118.9	128.4	137.1	145.3	152.3	158.1	163.4	167.9	172.4	176.7
37.5°	112.9	123.7	133.6	142.4	149.7	156.5	162.2	167.4	172.5	177.5	183.2
35°	117.5	128.4	138.4	147.1	154.2	160.1	166.0	171.7	177.6	183.8	190.5
32.5°	121.6	132.9	143.0	151.0	157.7	163.6	169.7	176.6	183.6	190.7	198.9
30°	125.4	137.0	147.1	154.6	160.8	166.7	173.9	181.8	190.0	198.2	207.7
27.5°	128.7	140.8	150.3	157.5	163.5	169.3	177.3	187.4	196.4	205.1	215.6
25°	131.7	143.9	153.1	159.9	165.6	171.8	180.1	190.5	201.8	211.3	226.0
22.5°	134.3	146.6	155.8	162.1	167.2	173.9	182.3	192.6	204.2	216.2	236.5
20°	136.5	148.6	158.0	163.9	168.5	175.4	183.6	194.1	206.9	224.2	246.7
17.5°	138.5	150.7	159.7	165.1	170.0	176.5	184.0	194.9	209.9	231.4	256.1
15°	140.1	152.7	161.1	166.1	171.2	177.6	185.7	197.1	214.3	238.2	264.8
12.5°	141.5	154.6	162.3	167.0	171.9	178.4	187.5	200.5	219.6	244.8	274.3
10°	142.6	156.4	163.2	167.6	172.3	178.9	189.1	203.2	224.0	251.1	282.7
7.5°	143.6	157.8	163.9	168.1	172.4	179.2	190.3	205.2	227.3	256.2	289.8
5°	144.4	158.7	164.6	168.5	172.3	179.3	191.3	206.4	229.3	260.0	295.1
2.5°	144.8	159.2	165.2	168.6	172.1	179.2	192.0	208.4	231.8	262.9	298.3
0°	145.0	159.4	165.6	168.7	171.7	178.9	192.3	209.8	233.5	264.3	299.3
-2.5°	144.8	159.2	165.2	168.6	172.1	179.2	192.0	208.4	231.8	262.9	298.3
-5°	144.4	158.7	164.6	168.5	172.3	179.3	191.3	206.4	229.3	260.0	295.1
-7.5°	143.6	157.8	163.9	168.1	172.4	179.2	190.3	205.2	227.3	256.2	289.8
-10°	142.6	156.4	163.2	167.6	172.3	178.9	189.1	203.2	224.0	251.1	282.7
-12.5°	141.5	154.6	162.3	167.0	171.9	178.4	187.5	200.5	219.6	244.8	274.3
-15°	140.1	152.7	161.1	166.1	171.2	177.6	185.7	197.1	214.3	238.2	264.8
-17.5°	138.5	150.7	159.7	165.1	170.0	176.5	184.0	194.9	209.9	231.4	256.1
-20°	136.5	148.6	158.0	163.9	168.5	175.4	183.6	194.1	206.9	224.2	246.7



REPORT NUMBER: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	134.3	146.6	155.8	162.1	167.2	173.9	182.3	192.6	204.2	216.2	236.5
-25°	131.7	143.9	153.1	159.9	165.6	171.8	180.1	190.5	201.8	211.3	226.0
-27.5°	128.7	140.8	150.3	157.5	163.5	169.3	177.3	187.4	196.4	205.1	215.6
-30°	125.4	137.0	147.1	154.6	160.8	166.7	173.9	181.8	190.0	198.2	207.7
-32.5°	121.6	132.9	143.0	151.0	157.7	163.6	169.7	176.6	183.6	190.7	198.9
-35°	117.5	128.4	138.4	147.1	154.2	160.1	166.0	171.7	177.6	183.8	190.5
-37.5°	112.9	123.7	133.6	142.4	149.7	156.5	162.2	167.4	172.5	177.5	183.2
-40°	108.2	118.9	128.4	137.1	145.3	152.3	158.1	163.4	167.9	172.4	176.7
-42.5°	103.3	113.5	123.0	131.7	140.2	147.6	153.8	159.0	163.6	167.6	171.5
-45°	98.3	108.0	117.4	126.2	134.7	142.4	148.7	154.3	158.8	162.8	166.4
-47.5°	92.9	102.3	111.3	120.4	128.7	136.5	143.3	148.9	153.8	157.8	161.4
-50°	87.3	96.2	105.3	114.0	122.3	130.0	137.0	142.9	147.9	152.4	156.2
-52.5°	81.3	89.8	98.6	107.2	115.3	122.9	129.9	135.9	141.2	146.1	150.1
-55°	75.2	83.3	91.7	100.0	107.8	115.2	121.9	128.0	133.8	138.5	143.0
-57.5°	69.1	76.7	84.5	92.3	99.9	107.1	113.3	119.3	124.8	130.0	134.7
-60°	62.8	69.9	77.1	84.3	91.6	98.2	104.3	110.0	115.3	120.4	125.0
-62.5°	56.4	63.0	69.5	76.0	82.6	89.0	94.7	100.1	105.3	109.9	114.3
-65°	49.9	56.0	61.9	67.8	73.4	79.2	84.7	89.8	94.5	98.8	102.9
-67.5°	43.3	48.7	54.1	59.5	64.6	69.4	74.5	79.2	83.6	87.4	91.0
-70°	36.9	41.3	46.0	50.7	55.4	59.6	63.7	68.0	72.3	75.9	79.1
-72.5°	30.6	34.4	38.2	41.8	45.8	49.5	53.1	56.3	59.7	63.2	66.4
-75°	24.9	27.5	30.6	33.8	36.8	39.8	42.6	45.6	48.4	51.0	53.6
-77.5°	19.7	21.7	23.8	26.0	28.2	30.7	33.0	35.3	37.4	39.5	41.5
-80°	14.7	15.9	17.4	19.0	20.6	22.2	23.8	25.4	26.8	28.2	29.6
-82.5°	10.0	11.1	12.0	12.8	13.6	14.3	15.0	16.0	17.3	18.5	19.6
-85°	5.7	6.2	6.9	7.5	8.1	8.7	9.2	9.6	10.2	10.8	11.4
-87.5°	2.9	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.6	4.7	4.9
-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: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-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°	5.1	5.0	4.9	4.8	4.6	5.0	5.3	5.6	6.0	6.1	6.1
85°	12.1	12.4	12.8	13.1	13.5	13.9	14.2	14.5	14.8	15.2	15.6
82.5°	20.5	21.4	22.1	22.9	23.5	24.3	25.1	25.8	26.5	26.9	27.3
80°	30.9	32.3	33.6	34.7	35.7	36.9	38.1	39.2	40.2	40.8	41.3
77.5°	43.5	45.2	46.8	48.3	49.8	51.2	52.4	53.4	54.1	55.1	55.9
75°	56.0	58.3	60.5	62.5	64.2	65.7	67.1	68.4	69.6	70.6	71.5
72.5°	69.2	71.9	74.2	76.4	78.5	80.5	82.3	84.0	85.4	86.7	87.7
70°	82.1	84.9	87.8	90.5	92.9	95.2	97.2	99.0	100.5	101.9	103.0
67.5°	94.5	97.7	100.9	103.9	106.6	109.0	111.2	113.3	115.3	116.7	117.7
65°	106.7	110.3	113.8	116.9	119.6	122.1	124.7	126.9	128.8	130.2	131.1
62.5°	118.6	122.5	125.9	129.1	132.2	134.8	137.0	139.0	140.9	142.4	143.4
60°	129.3	133.4	136.7	139.7	142.5	145.0	147.2	149.3	151.3	153.1	154.4
57.5°	138.7	142.5	145.9	148.6	151.1	153.4	155.5	157.3	158.7	159.7	160.7
55°	147.0	150.3	153.5	156.1	158.4	160.2	161.8	163.0	164.0	164.7	165.2
52.5°	154.0	157.1	160.2	162.8	164.5	166.0	167.3	168.8	169.7	169.8	169.7
50°	159.6	162.9	165.7	168.0	170.3	172.9	175.6	176.9	177.5	177.1	176.7
47.5°	164.8	168.0	171.0	173.9	177.3	181.6	186.0	188.1	187.9	187.0	186.6
45°	169.8	173.3	176.9	181.3	186.0	191.6	196.8	200.0	200.1	200.2	200.9
42.5°	175.1	179.5	184.3	190.4	196.5	202.8	208.3	212.3	215.3	219.0	222.0
40°	181.6	186.4	193.8	201.3	209.3	216.0	224.5	231.7	237.7	243.2	247.3
37.5°	189.2	196.2	205.5	215.1	225.5	235.9	245.9	255.1	263.0	272.0	278.7
35°	198.4	208.3	219.6	231.6	244.6	257.9	270.6	285.4	298.3	309.9	319.3
32.5°	209.1	221.1	234.9	250.9	267.1	284.6	302.9	321.9	340.1	359.1	378.1
30°	219.8	235.7	253.4	272.8	291.7	314.6	338.5	369.5	402.0	439.1	495.9
27.5°	232.9	251.9	272.4	294.7	320.8	350.2	396.2	453.5	551.2	624.2	820.4
25°	245.7	267.3	293.7	322.7	357.8	411.4	521.4	648.6	932.0	1197.3	1503.8
22.5°	258.6	285.7	317.3	352.6	413.6	551.6	761.1	1144.8	1582.5	2047.2	2520.5
20°	271.7	303.6	343.2	402.1	529.8	765.9	1236.2	1852.7	2474.8	3234.7	3891.8
17.5°	286.4	325.9	377.7	466.3	676.7	1182.5	1878.2	2733.7	3696.3	4673.3	5493.6
15°	298.6	344.8	414.2	587.5	984.6	1655.6	2565.9	3725.6	5038.2	6273.3	7326.8
12.5°	312.0	365.9	457.1	685.8	1268.6	2150.9	3350.6	4777.6	6352.3	8044.6	10724.1
10°	324.4	387.0	529.0	889.7	1596.0	2651.3	4053.2	5661.2	7570.8	10959.2	17293.2
7.5°	334.9	403.8	583.1	1041.7	1892.3	3123.5	4626.0	6416.7	9287.8	14980.3	25639.0
5°	342.0	414.9	620.7	1155.5	2128.4	3471.7	4992.2	6914.2	11039.4	19895.7	32729.8
2.5°	347.0	420.9	640.8	1221.9	2277.7	3702.3	5251.7	7249.0	12215.4	22738.9	37775.6
0°	350.7	422.7	644.8	1279.4	2328.3	3780.5	5264.5	7338.8	12618.7	23849.0	39573.5
-2.5°	347.0	420.9	640.8	1221.9	2277.7	3702.3	5251.7	7249.0	12215.4	22738.9	37775.6
-5°	342.0	414.9	620.7	1155.5	2128.4	3471.7	4992.2	6914.2	11039.4	19895.7	32729.8
-7.5°	334.9	403.8	583.1	1041.7	1892.3	3123.5	4626.0	6416.7	9287.8	14980.3	25639.0
-10°	324.4	387.0	529.0	889.7	1596.0	2651.3	4053.2	5661.2	7570.8	10959.2	17293.2
-12.5°	312.0	365.9	457.1	685.8	1268.6	2150.9	3350.6	4777.6	6352.3	8044.6	10724.1
-15°	298.6	344.8	414.2	587.5	984.6	1655.6	2565.9	3725.6	5038.2	6273.3	7326.8
-17.5°	286.4	325.9	377.7	466.3	676.7	1182.5	1878.2	2733.7	3696.3	4673.3	5493.6
-20°	271.7	303.6	343.2	402.1	529.8	765.9	1236.2	1852.7	2474.8	3234.7	3891.8



REPORT NUMBER: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	258.6	285.7	317.3	352.6	413.6	551.6	761.1	1144.8	1582.5	2047.2	2520.5
-25°	245.7	267.3	293.7	322.7	357.8	411.4	521.4	648.6	932.0	1197.3	1503.8
-27.5°	232.9	251.9	272.4	294.7	320.8	350.2	396.2	453.5	551.2	624.2	820.4
-30°	219.8	235.7	253.4	272.8	291.7	314.6	338.5	369.5	402.0	439.1	495.9
-32.5°	209.1	221.1	234.9	250.9	267.1	284.6	302.9	321.9	340.1	359.1	378.1
-35°	198.4	208.3	219.6	231.6	244.6	257.9	270.6	285.4	298.3	309.9	319.3
-37.5°	189.2	196.2	205.5	215.1	225.5	235.9	245.9	255.1	263.0	272.0	278.7
-40°	181.6	186.4	193.8	201.3	209.3	216.0	224.5	231.7	237.7	243.2	247.3
-42.5°	175.1	179.5	184.3	190.4	196.5	202.8	208.3	212.3	215.3	219.0	222.0
-45°	169.8	173.3	176.9	181.3	186.0	191.6	196.8	200.0	200.1	200.2	200.9
-47.5°	164.8	168.0	171.0	173.9	177.3	181.6	186.0	188.1	187.9	187.0	186.6
-50°	159.6	162.9	165.7	168.0	170.3	172.9	175.6	176.9	177.5	177.1	176.7
-52.5°	154.0	157.1	160.2	162.8	164.5	166.0	167.3	168.8	169.7	169.8	169.7
-55°	147.0	150.3	153.5	156.1	158.4	160.2	161.8	163.0	164.0	164.7	165.2
-57.5°	138.7	142.5	145.9	148.6	151.1	153.4	155.5	157.3	158.7	159.7	160.7
-60°	129.3	133.4	136.7	139.7	142.5	145.0	147.2	149.3	151.3	153.1	154.4
-62.5°	118.6	122.5	125.9	129.1	132.2	134.8	137.0	139.0	140.9	142.4	143.4
-65°	106.7	110.3	113.8	116.9	119.6	122.1	124.7	126.9	128.8	130.2	131.1
-67.5°	94.5	97.7	100.9	103.9	106.6	109.0	111.2	113.3	115.3	116.7	117.7
-70°	82.1	84.9	87.8	90.5	92.9	95.2	97.2	99.0	100.5	101.9	103.0
-72.5°	69.2	71.9	74.2	76.4	78.5	80.5	82.3	84.0	85.4	86.7	87.7
-75°	56.0	58.3	60.5	62.5	64.2	65.7	67.1	68.4	69.6	70.6	71.5
-77.5°	43.5	45.2	46.8	48.3	49.8	51.2	52.4	53.4	54.1	55.1	55.9
-80°	30.9	32.3	33.6	34.7	35.7	36.9	38.1	39.2	40.2	40.8	41.3
-82.5°	20.5	21.4	22.1	22.9	23.5	24.3	25.1	25.8	26.5	26.9	27.3
-85°	12.1	12.4	12.8	13.1	13.5	13.9	14.2	14.5	14.8	15.2	15.6
-87.5°	5.1	5.0	4.9	4.8	4.6	5.0	5.3	5.6	6.0	6.1	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-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°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.6
85°	16.0	16.4	15.9	15.4	15.9	16.4	16.0	15.6	15.2	14.8	14.5
82.5°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.3	26.9	26.5	25.8
80°	41.7	42.0	42.6	43.2	42.6	42.0	41.7	41.3	40.8	40.2	39.2
77.5°	56.7	57.3	57.5	57.6	57.5	57.3	56.7	55.9	55.1	54.1	53.4
75°	72.2	72.6	73.9	75.1	73.9	72.6	72.2	71.5	70.6	69.6	68.4
72.5°	88.5	89.0	89.9	90.5	89.9	89.0	88.5	87.7	86.7	85.4	84.0
70°	103.8	104.4	104.8	104.9	104.8	104.4	103.8	103.0	101.9	100.5	99.0
67.5°	118.4	118.8	118.7	118.3	118.7	118.8	118.4	117.7	116.7	115.3	113.3
65°	131.8	132.2	132.1	131.6	132.1	132.2	131.8	131.1	130.2	128.8	126.9
62.5°	144.1	144.5	144.9	145.0	144.9	144.5	144.1	143.4	142.4	140.9	139.0
60°	155.6	156.6	157.1	157.3	157.1	156.6	155.6	154.4	153.1	151.3	149.3
57.5°	161.5	162.1	162.4	162.5	162.4	162.1	161.5	160.7	159.7	158.7	157.3
55°	165.5	165.5	165.1	164.5	165.1	165.5	165.5	165.2	164.7	164.0	163.0
52.5°	169.4	168.9	168.6	168.7	168.6	168.9	169.4	169.7	169.8	169.7	168.8
50°	176.1	175.1	174.7	174.8	174.7	175.1	176.1	176.7	177.1	177.5	176.9
47.5°	187.2	187.5	187.9	188.2	187.9	187.5	187.2	186.6	187.0	187.9	188.1
45°	203.0	204.4	205.3	205.7	205.3	204.4	203.0	200.9	200.2	200.1	200.0
42.5°	225.1	226.8	227.5	227.3	227.5	226.8	225.1	222.0	219.0	215.3	212.3
40°	251.7	255.1	257.1	257.1	257.1	255.1	251.7	247.3	243.2	237.7	231.7
37.5°	284.8	289.4	291.7	291.0	291.7	289.4	284.8	278.7	272.0	263.0	255.1
35°	326.6	331.1	333.1	335.3	333.1	331.1	326.6	319.3	309.9	298.3	285.4
32.5°	393.1	402.4	406.2	401.1	406.2	402.4	393.1	378.1	359.1	340.1	321.9
30°	534.4	568.6	591.4	602.7	591.4	568.6	534.4	495.9	439.1	402.0	369.5
27.5°	955.4	1044.8	1082.6	1103.5	1082.6	1044.8	955.4	820.4	624.2	551.2	453.5
25°	1766.3	1957.1	2066.8	2057.9	2066.8	1957.1	1766.3	1503.8	1197.3	932.0	648.6
22.5°	2960.3	3261.2	3441.6	3507.9	3441.6	3261.2	2960.3	2520.5	2047.2	1582.5	1144.8
20°	4440.4	4777.8	4954.2	4980.6	4954.2	4777.8	4440.4	3891.8	3234.7	2474.8	1852.7
17.5°	6139.1	6459.0	6644.9	6642.6	6644.9	6459.0	6139.1	5493.6	4673.3	3696.3	2733.7
15°	8761.7	9999.7	10697.7	10595.8	10697.7	9999.7	8761.7	7326.8	6273.3	5038.2	3725.6
12.5°	14356.5	19301.3	22368.6	23126.0	22368.6	19301.3	14356.5	10724.1	8044.6	6352.3	4777.6
10°	25369.9	32767.6	38675.6	40382.9	38675.6	32767.6	25369.9	17293.2	10959.2	7570.8	5661.2
7.5°	36493.0	45272.9	48886.2	49306.0	48886.2	45272.9	36493.0	25639.0	14980.3	9287.8	6416.7
5°	44888.6	53822.5	54856.6	52259.1	54856.6	53822.5	44888.6	32729.8	19895.7	11039.4	6914.2
2.5°	50430.5	57180.2	58144.2	56746.1	58144.2	57180.2	50430.5	37775.6	22738.9	12215.4	7249.0
0°	51694.5	56287.4	57656.7	57806.4	57656.7	56287.4	51694.5	39573.5	23849.0	12618.7	7338.8
-2.5°	50430.5	57180.2	58144.2	56746.1	58144.2	57180.2	50430.5	37775.6	22738.9	12215.4	7249.0
-5°	44888.6	53822.5	54856.6	52259.1	54856.6	53822.5	44888.6	32729.8	19895.7	11039.4	6914.2
-7.5°	36493.0	45272.9	48886.2	49306.0	48886.2	45272.9	36493.0	25639.0	14980.3	9287.8	6416.7
-10°	25369.9	32767.6	38675.6	40382.9	38675.6	32767.6	25369.9	17293.2	10959.2	7570.8	5661.2
-12.5°	14356.5	19301.3	22368.6	23126.0	22368.6	19301.3	14356.5	10724.1	8044.6	6352.3	4777.6
-15°	8761.7	9999.7	10697.7	10595.8	10697.7	9999.7	8761.7	7326.8	6273.3	5038.2	3725.6
-17.5°	6139.1	6459.0	6644.9	6642.6	6644.9	6459.0	6139.1	5493.6	4673.3	3696.3	2733.7
-20°	4440.4	4777.8	4954.2	4980.6	4954.2	4777.8	4440.4	3891.8	3234.7	2474.8	1852.7



REPORT NUMBER: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2960.3	3261.2	3441.6	3507.9	3441.6	3261.2	2960.3	2520.5	2047.2	1582.5	1144.8
-25°	1766.3	1957.1	2066.8	2057.9	2066.8	1957.1	1766.3	1503.8	1197.3	932.0	648.6
-27.5°	955.4	1044.8	1082.6	1103.5	1082.6	1044.8	955.4	820.4	624.2	551.2	453.5
-30°	534.4	568.6	591.4	602.7	591.4	568.6	534.4	495.9	439.1	402.0	369.5
-32.5°	393.1	402.4	406.2	401.1	406.2	402.4	393.1	378.1	359.1	340.1	321.9
-35°	326.6	331.1	333.1	335.3	333.1	331.1	326.6	319.3	309.9	298.3	285.4
-37.5°	284.8	289.4	291.7	291.0	291.7	289.4	284.8	278.7	272.0	263.0	255.1
-40°	251.7	255.1	257.1	257.1	257.1	255.1	251.7	247.3	243.2	237.7	231.7
-42.5°	225.1	226.8	227.5	227.3	227.5	226.8	225.1	222.0	219.0	215.3	212.3
-45°	203.0	204.4	205.3	205.7	205.3	204.4	203.0	200.9	200.2	200.1	200.0
-47.5°	187.2	187.5	187.9	188.2	187.9	187.5	187.2	186.6	187.0	187.9	188.1
-50°	176.1	175.1	174.7	174.8	174.7	175.1	176.1	176.7	177.1	177.5	176.9
-52.5°	169.4	168.9	168.6	168.7	168.6	168.9	169.4	169.7	169.8	169.7	168.8
-55°	165.5	165.5	165.1	164.5	165.1	165.5	165.5	165.2	164.7	164.0	163.0
-57.5°	161.5	162.1	162.4	162.5	162.4	162.1	161.5	160.7	159.7	158.7	157.3
-60°	155.6	156.6	157.1	157.3	157.1	156.6	155.6	154.4	153.1	151.3	149.3
-62.5°	144.1	144.5	144.9	145.0	144.9	144.5	144.1	143.4	142.4	140.9	139.0
-65°	131.8	132.2	132.1	131.6	132.1	132.2	131.8	131.1	130.2	128.8	126.9
-67.5°	118.4	118.8	118.7	118.3	118.7	118.8	118.4	117.7	116.7	115.3	113.3
-70°	103.8	104.4	104.8	104.9	104.8	104.4	103.8	103.0	101.9	100.5	99.0
-72.5°	88.5	89.0	89.9	90.5	89.9	89.0	88.5	87.7	86.7	85.4	84.0
-75°	72.2	72.6	73.9	75.1	73.9	72.6	72.2	71.5	70.6	69.6	68.4
-77.5°	56.7	57.3	57.5	57.6	57.5	57.3	56.7	55.9	55.1	54.1	53.4
-80°	41.7	42.0	42.6	43.2	42.6	42.0	41.7	41.3	40.8	40.2	39.2
-82.5°	27.5	27.7	27.8	27.8	27.8	27.7	27.5	27.3	26.9	26.5	25.8
-85°	16.0	16.4	15.9	15.4	15.9	16.4	16.0	15.6	15.2	14.8	14.5
-87.5°	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.0	5.6
-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: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-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°	5.3	5.0	4.6	4.8	4.9	5.0	5.1	4.9	4.7	4.6	4.4
85°	14.2	13.9	13.5	13.1	12.8	12.4	12.1	11.4	10.8	10.2	9.6
82.5°	25.1	24.3	23.5	22.9	22.1	21.4	20.5	19.6	18.5	17.3	16.0
80°	38.1	36.9	35.7	34.7	33.6	32.3	30.9	29.6	28.2	26.8	25.4
77.5°	52.4	51.2	49.8	48.3	46.8	45.2	43.5	41.5	39.5	37.4	35.3
75°	67.1	65.7	64.2	62.5	60.5	58.3	56.0	53.6	51.0	48.4	45.6
72.5°	82.3	80.5	78.5	76.4	74.2	71.9	69.2	66.4	63.2	59.7	56.3
70°	97.2	95.2	92.9	90.5	87.8	84.9	82.1	79.1	75.9	72.3	68.0
67.5°	111.2	109.0	106.6	103.9	100.9	97.7	94.5	91.0	87.4	83.6	79.2
65°	124.7	122.1	119.6	116.9	113.8	110.3	106.7	102.9	98.8	94.5	89.8
62.5°	137.0	134.8	132.2	129.1	125.9	122.5	118.6	114.3	109.9	105.3	100.1
60°	147.2	145.0	142.5	139.7	136.7	133.4	129.3	125.0	120.4	115.3	110.0
57.5°	155.5	153.4	151.1	148.6	145.9	142.5	138.7	134.7	130.0	124.8	119.3
55°	161.8	160.2	158.4	156.1	153.5	150.3	147.0	143.0	138.5	133.8	128.0
52.5°	167.3	166.0	164.5	162.8	160.2	157.1	154.0	150.1	146.1	141.2	135.9
50°	175.6	172.9	170.3	168.0	165.7	162.9	159.6	156.2	152.4	147.9	142.9
47.5°	186.0	181.6	177.3	173.9	171.0	168.0	164.8	161.4	157.8	153.8	148.9
45°	196.8	191.6	186.0	181.3	176.9	173.3	169.8	166.4	162.8	158.8	154.3
42.5°	208.3	202.8	196.5	190.4	184.3	179.5	175.1	171.5	167.6	163.6	159.0
40°	224.5	216.0	209.3	201.3	193.8	186.4	181.6	176.7	172.4	167.9	163.4
37.5°	245.9	235.9	225.5	215.1	205.5	196.2	189.2	183.2	177.5	172.5	167.4
35°	270.6	257.9	244.6	231.6	219.6	208.3	198.4	190.5	183.8	177.6	171.7
32.5°	302.9	284.6	267.1	250.9	234.9	221.1	209.1	198.9	190.7	183.6	176.6
30°	338.5	314.6	291.7	272.8	253.4	235.7	219.8	207.7	198.2	190.0	181.8
27.5°	396.2	350.2	320.8	294.7	272.4	251.9	232.9	215.6	205.1	196.4	187.4
25°	521.4	411.4	357.8	322.7	293.7	267.3	245.7	226.0	211.3	201.8	190.5
22.5°	761.1	551.6	413.6	352.6	317.3	285.7	258.6	236.5	216.2	204.2	192.6
20°	1236.2	765.9	529.8	402.1	343.2	303.6	271.7	246.7	224.2	206.9	194.1
17.5°	1878.2	1182.5	676.7	466.3	377.7	325.9	286.4	256.1	231.4	209.9	194.9
15°	2565.9	1655.6	984.6	587.5	414.2	344.8	298.6	264.8	238.2	214.3	197.1
12.5°	3350.6	2150.9	1268.6	685.8	457.1	365.9	312.0	274.3	244.8	219.6	200.5
10°	4053.2	2651.3	1596.0	889.7	529.0	387.0	324.4	282.7	251.1	224.0	203.2
7.5°	4626.0	3123.5	1892.3	1041.7	583.1	403.8	334.9	289.8	256.2	227.3	205.2
5°	4992.2	3471.7	2128.4	1155.5	620.7	414.9	342.0	295.1	260.0	229.3	206.4
2.5°	5251.7	3702.3	2277.7	1221.9	640.8	420.9	347.0	298.3	262.9	231.8	208.4
0°	5264.5	3780.5	2328.3	1279.4	644.8	422.7	350.7	299.3	264.3	233.5	209.8
-2.5°	5251.7	3702.3	2277.7	1221.9	640.8	420.9	347.0	298.3	262.9	231.8	208.4
-5°	4992.2	3471.7	2128.4	1155.5	620.7	414.9	342.0	295.1	260.0	229.3	206.4
-7.5°	4626.0	3123.5	1892.3	1041.7	583.1	403.8	334.9	289.8	256.2	227.3	205.2
-10°	4053.2	2651.3	1596.0	889.7	529.0	387.0	324.4	282.7	251.1	224.0	203.2
-12.5°	3350.6	2150.9	1268.6	685.8	457.1	365.9	312.0	274.3	244.8	219.6	200.5
-15°	2565.9	1655.6	984.6	587.5	414.2	344.8	298.6	264.8	238.2	214.3	197.1
-17.5°	1878.2	1182.5	676.7	466.3	377.7	325.9	286.4	256.1	231.4	209.9	194.9
-20°	1236.2	765.9	529.8	402.1	343.2	303.6	271.7	246.7	224.2	206.9	194.1



REPORT NUMBER: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	761.1	551.6	413.6	352.6	317.3	285.7	258.6	236.5	216.2	204.2	192.6
-25°	521.4	411.4	357.8	322.7	293.7	267.3	245.7	226.0	211.3	201.8	190.5
-27.5°	396.2	350.2	320.8	294.7	272.4	251.9	232.9	215.6	205.1	196.4	187.4
-30°	338.5	314.6	291.7	272.8	253.4	235.7	219.8	207.7	198.2	190.0	181.8
-32.5°	302.9	284.6	267.1	250.9	234.9	221.1	209.1	198.9	190.7	183.6	176.6
-35°	270.6	257.9	244.6	231.6	219.6	208.3	198.4	190.5	183.8	177.6	171.7
-37.5°	245.9	235.9	225.5	215.1	205.5	196.2	189.2	183.2	177.5	172.5	167.4
-40°	224.5	216.0	209.3	201.3	193.8	186.4	181.6	176.7	172.4	167.9	163.4
-42.5°	208.3	202.8	196.5	190.4	184.3	179.5	175.1	171.5	167.6	163.6	159.0
-45°	196.8	191.6	186.0	181.3	176.9	173.3	169.8	166.4	162.8	158.8	154.3
-47.5°	186.0	181.6	177.3	173.9	171.0	168.0	164.8	161.4	157.8	153.8	148.9
-50°	175.6	172.9	170.3	168.0	165.7	162.9	159.6	156.2	152.4	147.9	142.9
-52.5°	167.3	166.0	164.5	162.8	160.2	157.1	154.0	150.1	146.1	141.2	135.9
-55°	161.8	160.2	158.4	156.1	153.5	150.3	147.0	143.0	138.5	133.8	128.0
-57.5°	155.5	153.4	151.1	148.6	145.9	142.5	138.7	134.7	130.0	124.8	119.3
-60°	147.2	145.0	142.5	139.7	136.7	133.4	129.3	125.0	120.4	115.3	110.0
-62.5°	137.0	134.8	132.2	129.1	125.9	122.5	118.6	114.3	109.9	105.3	100.1
-65°	124.7	122.1	119.6	116.9	113.8	110.3	106.7	102.9	98.8	94.5	89.8
-67.5°	111.2	109.0	106.6	103.9	100.9	97.7	94.5	91.0	87.4	83.6	79.2
-70°	97.2	95.2	92.9	90.5	87.8	84.9	82.1	79.1	75.9	72.3	68.0
-72.5°	82.3	80.5	78.5	76.4	74.2	71.9	69.2	66.4	63.2	59.7	56.3
-75°	67.1	65.7	64.2	62.5	60.5	58.3	56.0	53.6	51.0	48.4	45.6
-77.5°	52.4	51.2	49.8	48.3	46.8	45.2	43.5	41.5	39.5	37.4	35.3
-80°	38.1	36.9	35.7	34.7	33.6	32.3	30.9	29.6	28.2	26.8	25.4
-82.5°	25.1	24.3	23.5	22.9	22.1	21.4	20.5	19.6	18.5	17.3	16.0
-85°	14.2	13.9	13.5	13.1	12.8	12.4	12.1	11.4	10.8	10.2	9.6
-87.5°	5.3	5.0	4.6	4.8	4.9	5.0	5.1	4.9	4.7	4.6	4.4
-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: P558703 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-NR-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°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
85°	9.2	8.7	8.1	7.5	6.9	6.2	5.7	5.2	4.7	4.2	3.7
82.5°	15.0	14.3	13.6	12.8	12.0	11.1	10.0	8.9	7.7	6.4	5.6
80°	23.8	22.2	20.6	19.0	17.4	15.9	14.7	13.2	11.4	9.7	8.1
77.5°	33.0	30.7	28.2	26.0	23.8	21.7	19.7	17.6	15.2	13.0	10.8
75°	42.6	39.8	36.8	33.8	30.6	27.5	24.9	22.2	19.3	16.3	13.6
72.5°	53.1	49.5	45.8	41.8	38.2	34.4	30.6	26.9	23.6	20.2	16.5
70°	63.7	59.6	55.4	50.7	46.0	41.3	36.9	32.5	27.9	24.1	20.0
67.5°	74.5	69.4	64.6	59.5	54.1	48.7	43.3	38.2	33.1	27.9	23.4
65°	84.7	79.2	73.4	67.8	61.9	56.0	49.9	44.0	38.2	32.5	26.8
62.5°	94.7	89.0	82.6	76.0	69.5	63.0	56.4	49.9	43.3	36.9	30.6
60°	104.3	98.2	91.6	84.3	77.1	69.9	62.8	55.7	48.6	41.3	34.4
57.5°	113.3	107.1	99.9	92.3	84.5	76.7	69.1	61.4	53.7	45.8	38.2
55°	121.9	115.2	107.8	100.0	91.7	83.3	75.2	67.0	58.7	50.3	41.8
52.5°	129.9	122.9	115.3	107.2	98.6	89.8	81.3	72.4	63.6	54.6	45.6
50°	137.0	130.0	122.3	114.0	105.3	96.2	87.3	77.9	68.3	58.8	49.3
47.5°	143.3	136.5	128.7	120.4	111.3	102.3	92.9	83.2	72.9	62.9	52.9
45°	148.7	142.4	134.7	126.2	117.4	108.0	98.3	88.4	77.6	66.9	56.4
42.5°	153.8	147.6	140.2	131.7	123.0	113.5	103.3	93.1	82.1	70.7	59.8
40°	158.1	152.3	145.3	137.1	128.4	118.9	108.2	97.4	86.5	74.4	63.0
37.5°	162.2	156.5	149.7	142.4	133.6	123.7	112.9	101.5	90.5	78.1	66.0
35°	166.0	160.1	154.2	147.1	138.4	128.4	117.5	105.5	93.9	81.5	68.9
32.5°	169.7	163.6	157.7	151.0	143.0	132.9	121.6	109.3	97.2	84.8	71.6
30°	173.9	166.7	160.8	154.6	147.1	137.0	125.4	112.7	100.2	87.8	74.2
27.5°	177.3	169.3	163.5	157.5	150.3	140.8	128.7	115.8	103.0	90.4	76.6
25°	180.1	171.8	165.6	159.9	153.1	143.9	131.7	118.6	105.6	92.7	78.9
22.5°	182.3	173.9	167.2	162.1	155.8	146.6	134.3	121.1	107.9	94.8	80.9
20°	183.6	175.4	168.5	163.9	158.0	148.6	136.5	123.2	109.9	96.7	82.7
17.5°	184.0	176.5	170.0	165.1	159.7	150.7	138.5	125.1	111.6	98.4	84.3
15°	185.7	177.6	171.2	166.1	161.1	152.7	140.1	126.8	113.1	99.8	85.7
12.5°	187.5	178.4	171.9	167.0	162.3	154.6	141.5	128.1	114.2	101.1	86.8
10°	189.1	178.9	172.3	167.6	163.2	156.4	142.6	129.2	115.5	102.1	87.8
7.5°	190.3	179.2	172.4	168.1	163.9	157.8	143.6	130.0	116.5	102.9	88.5
5°	191.3	179.3	172.3	168.5	164.6	158.7	144.4	130.5	117.3	103.4	89.1
2.5°	192.0	179.2	172.1	168.6	165.2	159.2	144.8	130.7	117.9	103.8	89.4
0°	192.3	178.9	171.7	168.7	165.6	159.4	145.0	130.6	118.3	103.9	89.5
-2.5°	192.0	179.2	172.1	168.6	165.2	159.2	144.8	130.7	117.9	103.8	89.4
-5°	191.3	179.3	172.3	168.5	164.6	158.7	144.4	130.5	117.3	103.4	89.1
-7.5°	190.3	179.2	172.4	168.1	163.9	157.8	143.6	130.0	116.5	102.9	88.5
-10°	189.1	178.9	172.3	167.6	163.2	156.4	142.6	129.2	115.5	102.1	87.8
-12.5°	187.5	178.4	171.9	167.0	162.3	154.6	141.5	128.1	114.2	101.1	86.8
-15°	185.7	177.6	171.2	166.1	161.1	152.7	140.1	126.8	113.1	99.8	85.7
-17.5°	184.0	176.5	170.0	165.1	159.7	150.7	138.5	125.1	111.6	98.4	84.3
-20°	183.6	175.4	168.5	163.9	158.0	148.6	136.5	123.2	109.9	96.7	82.7



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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°	182.3	173.9	167.2	162.1	155.8	146.6	134.3	121.1	107.9	94.8	80.9
-25°	180.1	171.8	165.6	159.9	153.1	143.9	131.7	118.6	105.6	92.7	78.9
-27.5°	177.3	169.3	163.5	157.5	150.3	140.8	128.7	115.8	103.0	90.4	76.6
-30°	173.9	166.7	160.8	154.6	147.1	137.0	125.4	112.7	100.2	87.8	74.2
-32.5°	169.7	163.6	157.7	151.0	143.0	132.9	121.6	109.3	97.2	84.8	71.6
-35°	166.0	160.1	154.2	147.1	138.4	128.4	117.5	105.5	93.9	81.5	68.9
-37.5°	162.2	156.5	149.7	142.4	133.6	123.7	112.9	101.5	90.5	78.1	66.0
-40°	158.1	152.3	145.3	137.1	128.4	118.9	108.2	97.4	86.5	74.4	63.0
-42.5°	153.8	147.6	140.2	131.7	123.0	113.5	103.3	93.1	82.1	70.7	59.8
-45°	148.7	142.4	134.7	126.2	117.4	108.0	98.3	88.4	77.6	66.9	56.4
-47.5°	143.3	136.5	128.7	120.4	111.3	102.3	92.9	83.2	72.9	62.9	52.9
-50°	137.0	130.0	122.3	114.0	105.3	96.2	87.3	77.9	68.3	58.8	49.3
-52.5°	129.9	122.9	115.3	107.2	98.6	89.8	81.3	72.4	63.6	54.6	45.6
-55°	121.9	115.2	107.8	100.0	91.7	83.3	75.2	67.0	58.7	50.3	41.8
-57.5°	113.3	107.1	99.9	92.3	84.5	76.7	69.1	61.4	53.7	45.8	38.2
-60°	104.3	98.2	91.6	84.3	77.1	69.9	62.8	55.7	48.6	41.3	34.4
-62.5°	94.7	89.0	82.6	76.0	69.5	63.0	56.4	49.9	43.3	36.9	30.6
-65°	84.7	79.2	73.4	67.8	61.9	56.0	49.9	44.0	38.2	32.5	26.8
-67.5°	74.5	69.4	64.6	59.5	54.1	48.7	43.3	38.2	33.1	27.9	23.4
-70°	63.7	59.6	55.4	50.7	46.0	41.3	36.9	32.5	27.9	24.1	20.0
-72.5°	53.1	49.5	45.8	41.8	38.2	34.4	30.6	26.9	23.6	20.2	16.5
-75°	42.6	39.8	36.8	33.8	30.6	27.5	24.9	22.2	19.3	16.3	13.6
-77.5°	33.0	30.7	28.2	26.0	23.8	21.7	19.7	17.6	15.2	13.0	10.8
-80°	23.8	22.2	20.6	19.0	17.4	15.9	14.7	13.2	11.4	9.7	8.1
-82.5°	15.0	14.3	13.6	12.8	12.0	11.1	10.0	8.9	7.7	6.4	5.6
-85°	9.2	8.7	8.1	7.5	6.9	6.2	5.7	5.2	4.7	4.2	3.7
-87.5°	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9
-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°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
80°	6.5	5.3	4.3	3.2	2.2	1.1	0.0
77.5°	8.8	6.9	5.3	4.0	2.7	1.3	0.0
75°	11.2	8.9	6.5	4.8	3.2	1.6	0.0
72.5°	13.5	10.9	8.1	5.6	3.7	1.9	0.0
70°	15.9	12.9	9.8	6.4	4.2	2.1	0.0
67.5°	18.9	14.8	11.4	7.7	4.7	2.4	0.0
65°	21.8	17.0	12.9	8.9	5.2	2.6	0.0
62.5°	24.7	19.4	14.5	10.1	5.7	2.9	0.0
60°	27.5	21.6	16.0	11.2	6.2	3.1	0.0
57.5°	30.6	23.9	17.8	12.4	7.0	3.3	0.0
55°	33.8	26.0	19.5	13.5	7.7	3.6	0.0
52.5°	36.8	28.2	21.1	14.6	8.4	3.8	0.0
50°	39.8	30.7	22.7	15.7	9.1	4.0	0.0
47.5°	42.6	33.0	24.3	16.7	9.8	4.2	0.0
45°	45.7	35.3	25.7	17.8	10.5	4.4	0.0
42.5°	48.6	37.5	27.1	18.9	11.1	4.6	0.0
40°	51.3	39.6	28.6	19.8	11.7	4.7	0.0
37.5°	54.0	41.6	30.2	20.8	12.2	4.9	0.0
35°	56.6	43.6	31.7	21.6	12.8	5.1	0.0
32.5°	58.9	45.6	33.1	22.5	13.3	5.2	0.0
30°	61.1	47.4	34.4	23.2	13.7	5.4	0.0
27.5°	63.2	49.2	35.7	24.0	14.2	5.5	0.0
25°	65.0	50.8	36.8	24.6	14.6	5.6	0.0
22.5°	66.7	52.3	37.9	25.2	14.9	5.7	0.0
20°	68.3	53.6	38.9	25.7	15.3	5.8	0.0
17.5°	69.6	54.8	39.8	26.2	15.5	5.9	0.0
15°	70.8	55.8	40.6	26.6	15.8	6.0	0.0
12.5°	71.8	56.7	41.3	27.0	16.0	6.1	0.0
10°	72.6	57.4	41.9	27.3	16.2	6.1	0.0
7.5°	73.2	57.9	42.4	27.5	16.3	6.1	0.0
5°	73.6	58.3	42.8	27.7	16.4	6.2	0.0
2.5°	73.9	58.5	43.1	27.8	16.5	6.2	0.0
0°	74.0	58.6	43.2	27.8	16.5	6.2	0.0
-2.5°	73.9	58.5	43.1	27.8	16.5	6.2	0.0
-5°	73.6	58.3	42.8	27.7	16.4	6.2	0.0
-7.5°	73.2	57.9	42.4	27.5	16.3	6.1	0.0
-10°	72.6	57.4	41.9	27.3	16.2	6.1	0.0
-12.5°	71.8	56.7	41.3	27.0	16.0	6.1	0.0
-15°	70.8	55.8	40.6	26.6	15.8	6.0	0.0
-17.5°	69.6	54.8	39.8	26.2	15.5	5.9	0.0
-20°	68.3	53.6	38.9	25.7	15.3	5.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	66.7	52.3	37.9	25.2	14.9	5.7	0.0
-25°	65.0	50.8	36.8	24.6	14.6	5.6	0.0
-27.5°	63.2	49.2	35.7	24.0	14.2	5.5	0.0
-30°	61.1	47.4	34.4	23.2	13.7	5.4	0.0
-32.5°	58.9	45.6	33.1	22.5	13.3	5.2	0.0
-35°	56.6	43.6	31.7	21.6	12.8	5.1	0.0
-37.5°	54.0	41.6	30.2	20.8	12.2	4.9	0.0
-40°	51.3	39.6	28.6	19.8	11.7	4.7	0.0
-42.5°	48.6	37.5	27.1	18.9	11.1	4.6	0.0
-45°	45.7	35.3	25.7	17.8	10.5	4.4	0.0
-47.5°	42.6	33.0	24.3	16.7	9.8	4.2	0.0
-50°	39.8	30.7	22.7	15.7	9.1	4.0	0.0
-52.5°	36.8	28.2	21.1	14.6	8.4	3.8	0.0
-55°	33.8	26.0	19.5	13.5	7.7	3.6	0.0
-57.5°	30.6	23.9	17.8	12.4	7.0	3.3	0.0
-60°	27.5	21.6	16.0	11.2	6.2	3.1	0.0
-62.5°	24.7	19.4	14.5	10.1	5.7	2.9	0.0
-65°	21.8	17.0	12.9	8.9	5.2	2.6	0.0
-67.5°	18.9	14.8	11.4	7.7	4.7	2.4	0.0
-70°	15.9	12.9	9.8	6.4	4.2	2.1	0.0
-72.5°	13.5	10.9	8.1	5.6	3.7	1.9	0.0
-75°	11.2	8.9	6.5	4.8	3.2	1.6	0.0
-77.5°	8.8	6.9	5.3	4.0	2.7	1.3	0.0
-80°	6.5	5.3	4.3	3.2	2.2	1.1	0.0
-82.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-85°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)